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General Directions to Customers

Philadelpia, January, 1922.

The attention of our customers is respectfully called to the following directions, which will if followed, be an aid to purchasers as well as ourselves:

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season in April and May delays are unavoidable, which, however, can be largely overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, Fertilizers and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from Seed orders; the departments are separate. Special instructions regarding the forwarding of plants will be found on page 119.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges. For those of our customers who prefer to receive their goods by Parcel Post, we will be pleased to forward in this manner such Plants, Roots and Bulbs as can be sent in this way at the following additional cost, which must be added to the value of the goods:

To all points east of the Mississippi River, 10 per cent extra.
To all points west of the Mississippi River, 20 per cent extra.

CANADIAN SHIPMENTS.—Vegetable and Flower seeds in packets and ounces are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. We can also send to Canada by Parcel Post packages weighing under 4 pounds, 6 ounces. Customers wishing their orders sent in this way must remit 12 cents per pound for seeds and 20 per cent of the value of orders for Plants, Bulbs and Roots to cover postage and special packing. Roses, Shrubs, Hardy Vines and Small Fruits cannot be sent by mail to Canada. These can only be sent by Express to permit of their being fumigated by the Canadian authorities.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We can also forward by Package System (Baggage Master) to points where this system is in operation, such goods as will be received by them at the following charges. Packages weighing when packed for shipment not over 10 pounds, 12 cts.; not over 25 pounds, 18 cts.; not over 40 pounds, 24 cts.; not over 55 pounds, 30 cts.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments nor for Delivery to Freight Depot or Express Offices in Philadelphia; the extra cost of packing Parcel Post shipments is included in the 10 and 20 per cent charge noted above.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time, they should, at the same time, send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

ERRORS.—We exercise the utmost care in filling orders striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which case we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post-office Money Order. Drafts on Philadelphia or New York Banks, or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery" unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your NAME, POST-OFFICE, COUNTY and STATE; also give number of street or P. O. Box as distinctly as possible; also the NEAREST EXPRESS OFFICE, or, if on a stage route, send us special directions, giving us the name of the Express Company delivering goods.

CATALOGUES.—We send our customers two catalogues annually, viz.: Garden Book in January, and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productivity of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to every one who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.
IT HAS always been and will continue to be our aim to supply only the best grade of Seeds, Plants and Bulbs obtainable and by a strict adherence to the broad principle of giving all purchasers the full worth of their money has our business grown from a small beginning eighty-four years ago to one of the largest and most complete Seed, Plant and Bulb Establishments in the World.

We are organized and prepared to give the same prompt service to which our patrons were accustomed in pre-war times, but we call your attention to the conditions which are peculiar to the Seed, Plant and Bulb business, in that the great bulk of the season's business is crowded into a comparatively few weeks' time in the spring of the year. Under these conditions it will greatly aid in preventing undue congestion if our customers will send in and take delivery of their orders as early in the season as possible.

Many of our customers have been on our mailing list for more than half a century and our business shows an increase every year, and we will spare no effort to handle every order entrusted to us, no matter how small or how large, in such a manner that will merit the continued confidence of the purchaser.

We call your special attention to the notes regarding the ordering and forwarding of Plants on page 119.

The offerings of the various Departments will be found in this book in the following order:

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PEDIGREED WASHINGTON ASPARAGUS

The result of careful breeding by the U. S. Department of Agriculture, Washington, D. C., with the object of eliminating the rust, which has heretofore proven so disastrous to Asparagus crops throughout the country. This strain was finally obtained by continued selection of the best plants of the rust, Martha Washington, and produces large straight shoots, dark green in color with heavy overtone. The tips are tight and firm and do not open out or begin to branch until well out of the ground, making the finest kind of green Asparagus both for home use and market. It is nearer to being rust-proof than any other variety, and the large, luscious stalks will be greatly appreciated. In appearance, when bunched for market, this Asparagus cannot be excelled, and will be selected by discriminating buyers in place of all others, even at a much higher price. If you already have an Asparagus bed it will pay you to plant some of this variety and note the great improvement over the kind you are now growing. Price of seed, pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.25; lb., $4.50.

LEAFLET

On the culture of Asparagus mailed free to applicants.

Two-Year-Old Roots

We furnish strong two-year old roots of Pedigreed Washington Asparagus. Those who desire to save time in bearing will do well to order these instead of seed. Price of roots by express at purchasers' expense. 75 cts. per dozen; $5.50 per 100; $30.00 per 1000.
CRIMSON GLOBE BEET

This Beet is remarkable for its smooth skin and good shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and rather oblong in shape. The flesh and skin are both very dark and quality fine, being sweet and tender. The tops are small and dark in color, We are confident that this Beet will please all who plant it. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.

EARLY MODEL BEET

A fine selection of early blood-red Beet, extremely smooth, fine rich color and desirable shape. It is globe-shaped, color of flesh a rich blood-red and of excellent quality, being sweet and tender. The tops are quite small, making it a good variety for forcing in hothouses. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.

GIANT LUCULLUS,
SWISS CHARD, or
SPINACH BEET

This vegetable is prepared for the table in the same manner as Spinach; sometimes, however, the midrib is prepared like Asparagus. Seed planted early in the spring will quickly produce plants from which leaves may be cut all summer, as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick light-colored mid-ribs, which are delicious when cooked and served like asparagus. You should not fail to plant at least one long row in your garden. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.

MASTERPIECE BEAN

FOR FORCING

This bean originated in England, where special attention is given to growing in the greenhouse, and it is a splendid variety for that purpose. The plant makes a healthy growth and produces an abundant crop of large green pods, which are remarkably straight, broad, thick and of excellent quality. We consider this the best variety for growing in the greenhouse, as it is a fast grower and matures the crop at an early season. Pkt., 10 cts., by mail. By express or freight, at purchaser’s expense, lb., $1.00; 2 lbs., $1.75. (If wanted by Parcel Post, add as stated on page 12); 10 lbs., $8.00.

UNRIVALLED WAX BEAN

A splendid variety of dwarf wax bean which we highly recommend to our customers. The plants make very rapid growth, and are of a branching habit, producing a large crop of pods at an early season, and being a robust grower; it withstands considerable rainy weather without showing any signs of rust, a valuable feature for a dwarf wax bean. The pods are light yellow in color, long, flat, slightly curved at the end, very fleshy, tender and of excellent quality. This variety combines all the desired qualities for a good wax bean, and bids fair to become very popular, both for the home garden and for market. Pkt., 10 cts., by mail. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 70 cts. (If wanted by Parcel Post add as stated on page 12); 10 lbs., $3.00.

DREER’S “WONDER”

BUSH LIMA BEAN

This variety of Bush Lima Bean was originally introduced by us, and is very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. It is the best variety for sections where the growing season is short and can be depended upon for producing a good crop. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans, which are fully as large as the pole limas. The beans are flat in shape and of excellent quality. A customer writes that we can well call it “Wonder,” as he planted as late as May 30, and not only had all the Lima Beans he wanted, but also supplied his neighbors with what they required. Pkt., 10 cts., by mail. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (If wanted by Parcel Post add as stated on page 12); 10 lbs., $3.50.
CHINESE, or CELERY CABBAGE

A species of Cabbage which somewhat resembles Cos Lettuce in its growth and appearance. It is not new, but only recently grown to any extent in this country; each year, however, finds more of it produced here. It does not form a solid head like Cabbage, but grows rather loosely, more in the manner of Cos Lettuce, and is served raw, like lettuce, or prepared as cole-slaw, also boiled like Spinach. The seed should not be sown early, as the plants run to seed during the summer, and as it thrives best during cooler weather it is best to sow seed about the end of July, or during the early part of August. Plants will not stand transplanting, and the seed should be sown in drills about 20 inches apart, and after the plants have made sufficient growth, thin out to stand about 15 inches apart in the row. There are several varieties of Chinese Cabbage, but the two sorts offered below have proven to be the best for this climate. Wong Bok Chinese Cabbage. (See cut.) The heads of this variety are broader than Pe-Tsai, and leaves fold tighter, making a more compact plant. The leaves are light green in color, and have broad white ribs, and the entire plant may be blanched pure white by covering it with burlap. Pkt., 10 cts.; oz., 50 cts.; ½ lb., $1.50.

Pe-Tsai Chinese Cabbage. This variety makes an upright growth, and when ready for use it somewhat resembles Cos Lettuce. It produces an elongated head with pale green slightly crimped outer leaves and white ribs, which are thick and fleshy. The inside leaves blanch to a creamy white and have a very mild flavor. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

COPENHAGEN MARKET CABBAGE

This excellent variety from Denmark will command the attention of those who grow for early market, as well as the private growers who desire an extra early, round-headed Cabbage which can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, with light green leaves and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden, thereby producing a larger number of heads to a given area, a feature which is very important in growing this vegetable. The seed we furnish is Danish grown. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

SUTTON'S RED INTERMEDIATE CARROT

This variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality appeal to all who plant it. The carrots grow to a desirable size, being between the half-long and long varieties, and are very uniform. The shape is most desirable, tapering to a decided point, and the quality is excellent, being sweet and tender. This Carrot will surely prove satisfactory to all who plant it in their garden this year. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.

KLONDIKE CUCUMBER

This valuable variety is one of the best for slicing, and will produce Cucumbers equal in appearance to the hot house grown specimen. The color is rich dark green with light striping at the end, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. It matures early and continues bearing for a long time, and the vines make such a healthy and vigorous growth that they produce a good crop even in a poor season, when many other varieties fail on account of unseasonable weather. It is a good variety to use while small for pickles, as the fruits are very firm. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., $1.50.
WINTER KING CELERY
An attractive feature of this variety is that while the outer stalks are green, it naturally produces many golden hearts, which are decidedly crisp, very tender and of excellent flavor. In addition to these desirable qualities it is one of the best of the winter keeping Celeries, and may he allowed to remain in the trench for a long time, and will come out in first-class condition, solid and free from rot. The plants make a strong growth, and are very easy to blanch, which is a decided advantage to the amateur gardener, and also a valuable feature for market growers. It would be difficult to find a better keeping variety, and we strongly recommend it to those who desire to raise Celery for use during the winter. Pkt., 10 cts.; oz., 45 cts.; ½ lb., $1.50.

EARLY BLACK BEAUTY EGG-PLANT
This beautiful Egg-Plant is a great improvement over the well-known and largely-grown New York Improved Large Purple, and has become the leading variety in all sections where Egg-Plants are grown. The plants are remarkably healthy in their growth, and produce an abundance of large fruits earlier than the New York Improved. The skin is of a rich purplish black color, making the fruit very attractive in appearance. It is also entirely spineless, and the quality is all that could be desired. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ½ lb., $2.00.

DREER’S IMPERIAL LONG-STANDING KALE
A beautifully curled and crimped variety, which is of strong, vigorous habit, perfectly hardy, bright green color, and very attractive appearance. The plant is of spreading habit of growth, with large leaves which furnish an abundance of greens during the fall, winter and spring. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 90 cts.; lb., $2.25.

MAY KING LETTUCE
This splendid variety of Lettuce originally came from Germany, where it is a great favorite. It is very early, and being hardy will stand considerable cold, damp weather. It can be planted out of doors or under glass, and in either case will produce fine, solid heads much sooner than any other variety. The heads are very attractive, outer leaves being yellowish-green, tinged with brown, while inside it is richest golden-yellow. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

DREER’S ARISTOCRAT SUGAR CORN
This delicious Sweet Corn, first introduced by us a few years ago, has become a standard in those sections which demand an early maturing and sweet flavored corn. It is a reliable extra early sort, which was for many years controlled by a prominent gardener who supplies truck to the aristocrats at Newport, R. I. He would not allow any of the seed to get into the hands of his competitors, thus having a monopoly, and as it was the finest Sweet Corn that came to the market, he found no difficulty in disposing of all he raised. It is an extra early variety, ripening with the Cory; stalks grow 4 to 6 feet high and ears are of large size, measuring 8 to 10 inches in length. The grains are extremely sweet, and, being decidedly broad, allow of easy scoring with a knife preparatory to buttering when to be eaten from the cob. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If wanted by Parcel Post add as stated on page 24); 10 lbs., $3.00.

GOLDEN GIANT SUGAR CORN
A variety of recent introduction which is a cross of Howling Mob with Golden Bantam, and produces ears which are much larger than Golden Bantam, but of the same delicious quality, and being hardy, the seed may be planted as soon as the ground becomes warm. The cob is of small diameter, and contains twelve to eighteen rows of long, thick grains which cover the entire surface and are deep orange in color, extremely juicy and sweet. It may be planted for succession throughout the entire season. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If wanted by Parcel Post add as stated on page 24); 10 lbs., $4.00.
**DREER’S WONDERFUL LETTUCE**

We were fortunate in being the introducers of this valuable variety, and the fact that many of those who purchased the seed of “Wonderful!” the first time it was offered have continued to include it in their order each spring is an indication of its pleasing qualities. It has become a popular variety, particularly in the South, where it withstands extreme heat and forms perfect heads, of enormous size, which resemble cabbage in their solidity, measuring from 12 to 15 inches across and frequently weighing 2 to 3 pounds each. The outer leaves tightly overlap, and are rich, dark green in color, while the heart blanches up beautifully, and the quality is superb, being crisp, rich and tender. This is the Lettuce which is grown so largely in California and shipped throughout the whole country, and eagerly sought by those who appreciate the best quality. It will produce splendid heads either when planted in the spring, or during the summer and may be depended upon for all seasons. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

**FRENCH UNRIVALLED LETTUCE**

A sure-heading variety, suitable for growing at any season. Forms large, compact, butty heads, and is slow to shoot to seed. The general character is similar to “Big Boston,” except that the color is a lighter green and leaves are not tinged with brown. The seed we supply was secured from the originator in France, and is much better than the American strain of “Unrivalled” Lettuce. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

**NETTED ROCK MUSKMELON**

A handsome and distinct variety, about the same size as Rocky Ford, but more heavily netted. The seed cavity is small, and the flesh, which is green, is thick and sweet, containing a higher percentage of sugar than any other variety. An important feature of this variety is its ability to withstand rust and blight, so much so that it is almost proof against either. The size and shape combine to make this variety well adapted for both home use and shipping. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., $1.75.

**HOODOO MUSKMELON**

As a Muskmelon for the private garden, this variety will please all who plant it. The vines make a strong, vigorous growth, which enables them to withstand disease and produce an abundant crop of the most delicious Muskmelons one can imagine. The melons are not large, but of convenient size for table use, and present a fine appearance. The rind and flesh at blossom end are very firm, the skin is thickly netted, and flesh a rich, deep orange color, fine grained and of remarkable sweetness. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.

**YELLOW ICE CREAM WATERMELON**

Mr. E. Stanley Brown, horticulturist, East Moriches, N. Y., writes: “After repeated trials I have no hesitancy in stating that Yellow Ice Cream is the ‘par excellence’ of Watermelons. Vines are inclined to overbear, and whether fully grown or undeveloped, the melons are sweet and crisp. The flesh is bright golden-yellow; skin green and shape elongated. By laying them on barn floor, away from chilly blasts, they kept well into winter. The patch was found by night prowlers and this variety was nearly all taken, while others were left. If I could have only one variety of Watermelon it would be Yellow Ice Cream.” Pkt., 10 cts.; oz., 25 cts.; ½ lb., 70 cts.; lb., $2.25.
SURE-CROP STRINGLESS WAX BEAN
(See Colored Plate opposite.)

A valuable variety of Dwarf Wax Bean. The plant grows to a medium size, and having a strong, thick stem, stands up well even during a long season of stormy weather, thus protecting the pods from dirt and dampness. It is very productive, bearing large, handsome golden-yellow pods in great abundance, and being hardy, the seed may be planted early. Pkt., 10 cts.; by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lb., 70 cts. (If wanted by Parcel Post add as stated on page 12); 10 lbs., $3.00.

DREER'S EXCELSIOR BEET
(See Colored Plate opposite.)

The attractive form and rich dark color of this Beet commend it to all. It is fully as early as any variety of turnip shaped Beet known, and always is of uniform shape and size. The flesh is blood-red, remarkably sweet and tender, retaining all these qualities until it has attained an advanced age. We recommend this variety for the private garden, as well as for market gardeners' use. Pkt., 10 cts.; oz., 20 cts.; 1 lb., 50 cts.; lb., $1.75.

DREER'S PERFECT FORCING CARROT
(See Colored Plate opposite.)

Introduced by us a few years ago, this variety of Carrot has become quite popular. It is a fine, half-long variety, beautiful bright scarlet, translucent, crisp and almost without a core. Grows very uniform in size and has a remarkably small top, for which reason it can be planted very close in frame. It also does well grown in open ground and may be depended upon for a good crop. Pkt., 10 cts.; oz., 25 cts.; 1 lb., 70 cts.; lb., $2.25.

EARLY FORTUNE CUCUMBER
(See Colored Plate opposite.)

Cucumbers of the "White Spine" type are most desirable. This variety was discovered in a field of "Davis Perfect" and is now so thoroughly established that large fields do not show any variation either in plant or fruit. The Cucumbers are slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt., 10 cts.; oz., 20 cts.; 1 lb., 50 cts.; lb., $1.75.

MARKET SURPRISE PEA
(See Colored Plate opposite.)

This new early Pea was first sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the early varieties. The plant grows to a height of 30 inches, and is very thriving, producing the pods in surprisingly large quantities. Pods are large and well filled with Peas, which are remarkably sweet and fine flavored. Pkt., 10 cts. by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If wanted by Parcel Post add as stated on page 37); 10 lbs., $4.00.

LAXTONIAN PEA

The largest-podded variety of extra earlies and really may be classed as a Dwarf Gradus. The vines grow about 18 inches high, make a vigorous growth, and the pods are well filled with large Peas, which have an exquisite flavor. While the crop does not mature until a few days later than "Gradus," the quality of this variety is equally as good. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If wanted by Parcel Post add as stated on page 37); 10 lbs., $4.00.

PIMENTO PEPPER

The sweetest Pepper grown, as it does not contain the slightest trace of fieriness. The plants are productive and Peppers medium size and of a shape which is desirable for filling, prepared in which manner they are delicious. It may also be used in salads and for flavoring. Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; 1 lb., $2.25. For Plants, see page 212.
DREER’S CELEBRATED LAWN GRASS SEEDS

Our special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Golf Links, etc. The lawns at the Alaska-Yukon-Pacific Exposition, held during the summer of 1909, were made with "Dreer’s Lawn Grass," and we were awarded a Gold Medal for same. Many other prizes have been awarded us for Grass Seeds, including Gold Medal by the Pan-American Exposition, held at Buffalo, N. Y.

THE "DREER" LAWN GRASS

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared by mixing just the right mixture of grasses and clover, and is a careful, hand-blended variety of grasses adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whichever you want to seed a small grass plot in your yard, or a lawn or meadow, this should be the grass mixture for you.

For the convenience of customers, we will send this seed up in various-sized packages, from the single quart, which is sufficient to cover 250 square feet of ground, to quantities as are required for seeding large lawns from five to six bushels, or more, as are required, by postpaid, by express or freight, at purchaser’s expense, qt., 35 cts.; 4 qts., $1.25; peck, $2.25; bushel (20 lbs.), $8.00.

DREER’S SHADY PLACE GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass Mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Per qt., 40 cts., postpaid. By express or freight, at purchaser’s expense, qt., 35 cts.; 4 qts., $1.25; peck, $2.25; bushel (20 lbs.), $8.00.

DREER’S TERRACE GRASS

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per qt., 40 cts., postpaid. By express or freight, at purchaser’s expense, qt., 35 cts.; 4 qts., $1.25; peck, $2.25; bushel (20 lbs.), $8.00.

SEASHORE LAWN GRASS

A rich, green lawn is especially desirable at the seashore, but a mixture of grasses and clover are used. It is produced in the form of peat moss, and is a careful, hand-blended variety of grasses and make strong roots, reach down into the sand for moisture. In order to keep the seashore lawn in good condition it should be watered liberally every evening, and also have an occasional application of pure Bone Meal in order to keep up a vigorous growth. Per qt., 40 cts., postpaid. By express or freight, at purchaser’s expense, qt., 35 cts.; 4 qts., $1.25; peck, $2.25; bushel (20 lbs.), $8.00.

DREER’S “EVERGREEN” LAWN GRASS

This special mixture produces beautiful and permanent lawns. It is made from our own formula, and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per qt., 35 cts., postpaid. By express or freight, at purchaser’s expense, per qt., 25 cts.; 4 qts., 75 cts.; peck, $1.50; bushel (20 lbs.), $5.50.

DREER’S FAIRMONT PARK LAWN GRASS

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on embankments and terraces; also for renovating old, worn-out lawns. Per qt., 30 cts., postpaid. By express or freight, at purchaser’s expense, per qt., 25 cts.; 4 qts., $2.25; peck, $4.00; bushel (25 lbs.), $15.00.

DREER’S PUTTING GREEN MIXTURE

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per qt., 35 cts., postpaid. By express or freight, at purchaser’s expense, per qt., 50 cts.; 4 qts., $1.00; peck, $1.75; bushel (20 lbs.), $6.50.

WHITE DUTCH CLOVER SEED

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. 1 lb., 50 cts.; lb., 55 cts., postpaid. By express or freight, at purchaser’s expense, lb., 75 cts.; 5 lbs., $3.50; 10 lbs., $6.75; bushel (60 lbs.), $35.00; 100 lbs., $65.00.

DREER’S PERMANENT PASTURE SEED

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clover, thus securing two crops a year, whereas with Timothy alone you cut but one crop. 50 lbs. to acre. In ordering, state whether for light or heavy soil. Price, per lb., 40 cts., postpaid. By express or freight, at purchaser’s expense, bushel (20 lbs.), $5.50; 100 lbs., $55.00.

Quantities of Lawn Grass Seed to Sow. One quart is sufficient for 250 square feet; 5 bushels for an acre, or for reseeding an old lawn use one half these quantities.

Henry A. Dreer Reliable Grass and Clover Seeds

Dreer’s Leaflet on Lawn Making is mailed free of charge to any who are interested. Tells how to make and care for the lawn. Write for a copy.
**SUTTON'S EXCELSIOR PEA**

This handsome wrinkled Pea is so hardy that it may safely be planted as early as the hard-seeded "Extra Earlies." The plants are dwarf, growing about 14 inches high, very stout and exceedingly productive, and the quality is all that could be desired. It makes the largest pods of any of the low-growing wrinkled Peas, and matures nearly as early as Nott's Excelsior. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if wanted by Parcel Post add as stated on page 87); 10 lbs., $4.00.

**LITTLE MARVEL PEA**

If you have been growing American Wonder or Nott's Excelsior Peas you will easily recognize the superiority of this extra early wrinkled variety, as it not only matures as early as either of these two well-known sorts, but is much more productive and remains in good condition for a longer period. The plant makes a strong and healthy growth, usually fifteen to eighteen inches in height, and the pods are about three inches long, of an attractive dark green color, and are borne in great abundance, many being twin pods and all completely filled with deep green peas, which are very tender and sweet. We consider this one of the best of the dwarf wrinkled Peas now on the market. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if wanted by Parcel Post add as stated on page 87); 10 lbs., $4.00.

**AVON EARLY TOMATO**

In our Tomato trials this new variety was the first to produce ripe fruits, and was also the most productive of all the extra early sorts, bearing for a much longer season, and the plants, which made a rapid and strong growth, resisted fungus diseases better than most varieties. Fruits are very solid and large size for an extra early variety, nearly round, smooth and deep scarlet-red in color, making it attractive to the eye. The quality is very good, being thick-meated, of good flavor and the fruits are not so liable to crack like other extra early Tomatoes. It is especially useful for first crop in the home garden, and extremely valuable for the market grower, as it ripens at a time when tomatoes are bringing the highest prices. Pkt., 25 cts.; ½ oz., 75 cts.; oz., $1.25; ½ lb., $4.00.

**NEW PERFECTION RADISH**

This type of Radish, having red skin with a white tip, has long been a great favorite, and with this variety the white portion extends much further up than is the case with ordinary Scarlet Turnip White Tip Radish. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the vegetable garden. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

**DREER'S EARLIEST WHITE GLOBE RADISH**

The beautiful shape and quick growth make this Radish the most desirable of the white olive-shaped sorts. It may be sown in the garden, or used for forcing, and in either case will produce Radishes of a size suitable for use in a very short time. In fact we believe it to be the earliest white olive-shaped Radish in existence, and are quite sure that it will please all who plant it. The skin is an attractive, transparent ivory-white and the flesh sparkling white, very crisp, tender and juicy. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

**EXTRA EARLY JERSEY WHITE BUSH SQUASH**

An improved strain of the old White Bush Squash, the result of selections made for a number of years by a prominent gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, and are of good size. They show less ridge or scallop, being better filled out, and contain a larger amount of flesh than the parent variety. The Squashes cook well, and the flavor is delicious. This is the same type of Squash as is called "Cymling" in the South, but so much improved that it should not be compared with the old-time sort. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.

**DELICIOUS SQUASH**

This fall and winter Squash is finer-grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., $2.25.
DREER’S SEEDS have been for Eighty-four Years a Standard Among the Best Gardeners of this Country for both Purity and Excellence.

The Cultured Directions given in this book are for growing Vegetables in the latitude of Philadelphia. Persons living in a more Southern latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. The hotbed is especially valuable in the Spring for starting the plants of early vegetables and many flowers, thus having them ready to set out as soon as the ground is in condition. We have prepared a leaflet on "Making and Care for Hotbed and Cold Frames," and will gladly mail a copy free to any who write for it or request it on their order.

Artichoke Plants and Roots

Plants of Dreer’s Selected Large Green Artichoke. Artichokes are not always satisfactory when grown from seed, owing to the numerous undesirable types thus produced. We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. They should be set out in April or May, when soil is in condition, in rows 6 feet apart, 2 to 3 feet apart in row, care being taken to press the earth around plant closely, but not plant too deep. Per doz., $1.50; per 100, $10.00, by express. Ready April and May.

Artichoke


Large Green Globe. The scales and bottom of flower head are eaten either boiled, or raw as a salad. The young suckers are sometimes tied together, blanched, and served like Asparagus. The plants thrive best in deep, rich soil, and are set in rows 3 feet apart and 2 to 3 feet apart in the row. The crowns should be covered with coal ashes in winter to shed water, and over these a covering of leaves, held in place by earth or litter. When spring arrives remove leaves, but do not disturb ashes until signs of growth appear, after which the ashes should be spread out over the ground. Seeds may be sown indoors and plants potted same as the Tomato and set out in April or May, or can be sown in hills outside, and thinned out to one plant in hill. Pkt., 15 cts.; oz., 75 cts.; 1 lb., $2.00.

Asparagus Seed


One ounce will produce about 200 plants; 4 to 5 pounds to the acre.

Leaflet on Asparagus Culture, giving directions for preparing the bed, planting and cultivating, also winter treatment of the plants will be mailed free to all applicants.


DREER’S Eclipse Asparagus. This variety is the result of a most careful selection, and "breeding up," to the large type, yet retaining that delicate light green color and tender quality desired. We consider it the best of all. Pkt., 10 cts.; oz., 15 cts.; 1 lb., 35 cts.; lb., $1.15.


Palmetto. An early green variety, prolific and very good quality. It produces the large stalks at a very early season, and continues to do so for a long time. Pkt., 5 cts.; oz., 10 cts.; 1 lb., 25 cts.; lb., $1.15.

Conover’s Colossal. A large green variety, very tender and good. An old and reliable variety which is still largely grown. Pkt., 10 cts.; oz., 15 cts.; 1 lb., 35 cts.; lb., $1.15.

Columbian Mammoth White. This variety produces large white stalks of excellent quality, being tender and of good flavor. Pkt., 10 cts.; oz., 15 cts.; 1 lb., 40 cts.; lb., $1.25.

Asparagus Roots (See page 212)
BEANS—Dwarf or Bush

One pound will plant fifty feet of drill

Culture.—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows of plants. For string Beans gather the pods clean as soon as fit for use.

BEANS BY PARCEL POST

The prices given in this Catalogue for Beans of all kinds are for same to be sent by express or freight, at purchaser’s expense. If wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River add 7 cts. per pound.
To points West of Mississippi River add 12 cts. per pound.

Packets of all varieties of Beans, 10 cts. each

GREEN-PODDED VARIETIES

Masterpiece, for Forcing. (See Specialties, page 4.)

Mammoth Stringless Green Pod. (See cut.) This excellent variety matures its crop among the earliest of the green-podded sorts, and produces large, handsome pods, some of which measure 6 inches in length, and are of the finest quality. The plants are productive, bearing pods which are perfectly round, very fleshy and entirely stringless. This variety is particularly adapted to the home garden on account of its productiveness and good quality. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.50.

Stringless Green Pod (Burpee’s). This variety has become very popular because of its hardiness and productiveness. It is stringless, ripens earlier than Valentine and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and of excellent flavor. The plants have a spreading habit of growth, and produce large quantities of pods which are very uniform both in size and shape. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.50.

Burpee’s Stringless Refugee. An improvement over the old Thousand-to-one Refugee. The plants grow to a large size and are very productive. The pod is round, medium to long in size, slightly curved, medium green in color, very brittle and of good quality. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.50.

Improved Extra Early Red Valentine. A standard variety, extra early, and bears pods which are round, long, slightly curved and of excellent quality. It is one of the most profitable sorts for private use or market. The seed we supply is from a strain which has been selected especially for earliness and good quality. By express or freight, at purchaser’s expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.25.

Bountiful. A decided improvement over “Long Yellow Six Weeks,” which variety it resembles very much. The plants are hardy in their growth, well able to withstand disease and produce a large crop of pods during a long season. The pods are long, flat in shape, light green, very meaty and of splendid quality. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.50.

Black Valentine. It would be difficult to excel this variety in handsome appearance and for that reason it is largely grown for market. Being very hardy it may be planted earlier than other varieties of Beans, as it withstands considerable cold damp weather. The plants make a strong growth and produce a heavy crop of pods, which are dark green in color, long, straight and nearly round. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.50.

French’s Dwarf Horticultural. Similar to the Dwarf Horticultural and produces an abundant crop of long pods which are splashed with crimson. The plants make strong growth and throw out some runners. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.00.

Long Yellow Six Weeks (Flat Pod). A well-known variety which is mostly grown for market. By express or freight, at purchaser’s expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.25.

Early Mohawk. Extremely hardy, may be planted very early. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.25.

Extra Early Refugee. Pods are of medium size, light green and of good quality. By express or freight, at purchaser’s expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.25.
BEANS—Wax, or Yellow-podded Varieties

Packets of all Varieties of Beans, 10 cts. each
Sure-crop Stringless Wax. (See Colored Plate and page 8.)
Unrivaled Wax. (See Specialties, page 4.)
Improved Rust-proof Golden Wax. (See cut.) An early variety and an improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. The vines grow erect and bear the pods well off the ground, thus preventing rust and rot. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.50.

Wardwell's Kidney Wax. (See cut.) A very popular variety of Wax Bean, bearing long, flat pods of a delicate waxy yellow; stringless and brittle. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.50.

Currie's Rust Proof Wax. An improvement on the old-fashioned Golden Wax. Pods grow long, flat, very tender and of the finest quality. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.50.

Improved Prolific Black Wax (Cylinder Pod). This is a marked improvement on the Black Wax. Plants medium size, pods waxy-yellow, very tender and productive. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.50.

Hodson Wax-Pod. A late-maturing variety which produces large quantities of creamy-white pods that are of good quality. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.50.

Stringless Refugee Wax. An improved type of Refugee Wax. Produces large, round pods, stringless and of excellent quality. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.50.

Saddle Back Wax. Pods long, round, solid, absolutely stringless. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $3.90.

DWARF VARIETIES
OF SHELL BEANS

CULTURE.—Plant when ground is warm in spring and up to July 1st, in rows 2 feet apart and beans 3 inches apart, 1½ inches deep. Keep well hoed and draw the earth up to the stems, but only when dry, as working when wet with rain or dew will cause rust and injure the crop.

White Marrowfat. Extensively grown for sale as a dry Bean for winter use. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.25.

White Kidney, or Royal Dwarf. A superior kind for baking. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.25.

Boston Pea Bean (Navy). An excellent variety, and of very productive habit. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.25.

Red Kidney. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.25.

Black Turtle Soup. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page 12); 10 lbs., $2.25.
BUSH LIMA BEANS

CULTURE.—Select land that is especially warm, rich and well supplied with vegetable fiber or humus. Plant eye downward and two inches deep as soon as the soil becomes warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes, or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield. One pound will plant 50 feet of row.

Packets of all varieties of Beans, 10 cts. each.

Dreer’s Wonder Bush Lima. (See Specialties, page 4.)

Fordhook Bush Lima. (See cut.) This valuable variety is a perfected form of Dreer’s Bush Lima, which variety it resembles in form of pod and shape of bean, but both are larger and the plant is of strong, upright growth, protecting the pods from contact with the soil, thus preventing rust or rot. It produces the pods in clusters and the Beans are very large, thick through and of a delicious flavor. It is now largely grown by market gardeners, not only on account of its productiveness, but also because their customers call for it. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., $4.00.

Dreer’s Bush Lima. A dwarf variety of Dreer’s Improved Lima. The Beans grow close together in the pods, producing three and four beans each, sometimes five, and are thick, sweet and succulent, fully equal in quality to Dreer’s Improved Pole Lima. An excellent variety, which is particularly valuable for the home garden on account of its productiveness. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., $4.00.

Burpee Improved Bush Lima. Produces pods and beans which are enormous in size, some pods measuring five to six inches long. The plant grows in dwarf form, strong and vigorous, producing large numbers of handsome pods, grown in clusters and well filled with Beans which are of a delicious flavor. It is an improved type of the original Burpee’s Bush Lima Bean, but is much larger, more productive, and the pods will average more peas to a given number. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., $4.00.

Burpee’s Bush Lima. This variety was one of the first of the Bush Lima Beans to be introduced. It is a bush form of the well-known Large White Lima, very productive and of good quality. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., $3.50.

Henderson’s Bush Lima. This is a small white Lima Bean which grows in the bush form and produces a large crop. The plants are very hardy, make rapid growth and are not so apt to throw runners like some of the other varieties of Bush Lima, and while they begin to set pods at an early season, they continue to do so until frost. The pods usually contain 4 beans, which are very tender and of a delicate flavor. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., $3.00.

CARPINTERIA POLE LIMA BEAN

The Beans of this splendid pole lima have a greenish tint when ready for use, which is an indication of good quality. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima, and retain their color even when in the dry state. The Beans cook nicely, and being thin skinned are exceedingly tender and of fine flavor. The originator, who is a skillful grower, claims that the “Carpinteria” is the most perfect Lima Bean ever introduced. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 75 cts. (if wanted by Parcel Post, add as stated on page 15); 10 lbs., $3.50.
POLE LIMA BEANS

CULTURE.—Pole Limas do best in a sandy loam, and if season is suitable, may be planted about May 1st. Set the poles about 4 feet apart each way and plant 4 to 6 beans, eye downward around each pole, and when plants are up, thin out to 3 plants to a pole. Pinch off the ends when plants overrun the top of the poles. It is well to use a shoeful of rich, light, well-rotted compost to each hill. One pound of seed will plant 75 to 100 hills. Material for inoculating Lima Beans will be found offered on page 223.

BEANS BY PARCEL POST

The prices given in this catalogue for Beans of all kinds are for same to be sent by express or freight, at the purchaser’s expense. If wanted by Parcel Post add as follows:

To points East of Mississippi River, 7 cts. per pound.
To points West of Mississippi River, 12 cts. per pound.

Carpinteria Lima. (See page 14.)
Dreer’s Improved Lima. A leading standard early variety, which is very productive. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger, or Potato Lima. It is the best for private gardens, and supplies out more Beans from a given number of pods than any other Pole Lima. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.
Early Leviathan Lima. The pods are long and contain from 4 to 5 long beans, which are flat in shape, of good size and excellent quality. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.
Early Jersey Lima. Maturing a few days earlier than the King of the Garden, and is very productive. The pods contain from three to four large beans, and the quality is good. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.
King of the Garden Lima. A standard variety, which is a vigorous grower, bearing large dark green pods containing four or five large white beans, which are of good quality. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.
Small Lima, or Sleva. The beans are small but of good flavor, and the vines are very productive. By express or freight, at purchaser’s expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.

POLE BEANS

CULTURE.—Same as for Pole Limas at top of this page.

Prices given below for Pole Beans are for same by express or freight, at purchaser’s expense. If wanted by Parcel Post add as stated at top of page.

GREEN POD VARIETIES

<table>
<thead>
<tr>
<th>Variety</th>
<th>LB.</th>
<th>2 LB.</th>
<th>10 LB.</th>
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</thead>
<tbody>
<tr>
<td>Kentucky Wonder, or Old Homestead</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Best green pod Pole Bean</td>
<td>40</td>
<td>70</td>
<td>$3.00</td>
</tr>
<tr>
<td>Horticultural, or Speckled Cranberry</td>
<td>35</td>
<td>65</td>
<td>2.75</td>
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<tr>
<td>White Creaseback</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Green pods, sweet seed</td>
<td>35</td>
<td>65</td>
<td>2.75</td>
</tr>
<tr>
<td>Lazy Wife’s</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Very productive, green pods</td>
<td>45</td>
<td>80</td>
<td>3.50</td>
</tr>
<tr>
<td>Scarlet Runner</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Flowers bright scarlet</td>
<td>40</td>
<td>75</td>
<td>3.25</td>
</tr>
<tr>
<td>White Dutch Runner</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bears white flowers</td>
<td>40</td>
<td>75</td>
<td>3.25</td>
</tr>
<tr>
<td>White Dutch Case-Knife</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Cornhill Bean</td>
<td>40</td>
<td>75</td>
<td>3.25</td>
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WAX POD VARIETIES

Kentucky Wonder Wax. A yellow-podded “Kentucky Wonder,” which bears a large quantity of rich, golden-yellow pods from the time the plant is about half grown until it is killed by frost in the fall. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.

Dreer’s Golden Cluster Wax. (See cut.) This variety of Pole Bean is noted for its great productiveness, and furnishes delicious yellow pods from about the middle of July until the vines are destroyed by frost. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.

Packets of all varieties of Beans, 10 cts. each.
BEETS

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre

CULTURE.—Fibrous loam, well drained and well enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart, and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 and 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowing light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.

Early Eclipse. Perfectly smooth and round; skin and flesh red. It is one of the first to be ready for the table. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., $1.00.

Extra Early Egyptian. An early variety, suitable for forcing and growing in the open garden. Top leaves are small and Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red, and the Beets are tender. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 50 cts.; lb., $1.25.

Edmand's Blood Turnip. Good to follow the extra early sorts, and one of the best for winter use. It grows with a short top, and the skin is dark red, while the flesh is purple, slightly zoned and of good quality, being sweet and tender, and it is a most excellent keeper. Those who desire to keep a winter supply of Beets will find this variety very satisfactory. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., $1.25.

Bastian's Early Blood Turnip. A good early turnip-shaped Beet. Top grows to a medium size and flesh is bright red and white, and the quality is very good. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., $1.00.

Early Bassano. An old-time and excellent second early variety having large leaf top, which may be used as greens. The roots grow to good size, and are very sweet while in the young state of growth. Flesh is white and rose colored. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., $1.25.

Bastian's Half-Long. An excellent variety for either spring, fall or winter use. The roots are smooth, flesh bright red and the quality is very good. It is a splendid keeper, and for winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., $1.25.

BEETS—Continued

Dark-leaved Globe. (See cut.) This is a splendid type of the blood-turnip variety, the originator having in mind a Reef combining good quality with beautiful globe shape. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive variety. The quality is excellent, being sweet and tender. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.


**SWISS CHARD, OR SPINACH BEET**

One ounce will sow 100 feet of row

**Culture.**—Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and when large enough thin out to stand 6 inches apart in the row. Continue sowings for succession crops until the middle of July.


**Swiss Chard, or Silver Beet.** Produces large, light-colored leaves in great abundance and has a mild flavor. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

**MANGEL WURZEL**

Sow 6 lbs. to acre, in May or June, in rows 2 feet apart, and thin to 9 inches. Give the crop good cultivation.

**Mammoth Long Red.** (See cut.) This is a favorite variety with dairymen. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**Red Globe.** A large red oval variety; keeps well and produces better crops on shallow soil than the Long Red. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**Golden Tankard.** Considered indispensable owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**Golden Yellow Mammoth Mangel.** The shape is like Mammoth Red, but the skin and flesh are yellow. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**Yellow, or Orange Globe Mangel.** Same as Red Globe except in color. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**SUGAR BEETS**

**Klein Wanzleben.** This variety is without question the best in cultivation; not largest in size, but richest in saccharine matter. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**Lane's Improved White Sugar.** A very productive variety. Oz., 10 cts.; ¼ lb., 20 cts.; lb., 60 cts.; 10 lbs., by express or freight, at purchaser's expense, $5.00.

**BROCCOLI**

**Chou-Brocoli, Fr. Brocoli, Sr. Spargel Kohl, Ger.** Used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hot-bed in January or February and transplant into cold frames, 2 or 3 inches each way. Set out in open ground early in spring, about 2 feet apart. To obtain the best flavor, Broccoli should be cooked soon after being cut. One ounce will sow 200 feet of drill.

**White Cape.** An excellent variety, making large, compact heads of a creamy-white color and of good flavor. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.50.

**BRUSSELS SPROUTS**

**Chou de Bruxelles, Fr. Bretonen de Brusselas, Sr. Rosen Kohl, Ger.**

**Culture.**—Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1½ to 2 feet apart in the row. Cultivate same as Cabbage. One ounce will sow 200 feet of drill.

**Deer's Select Matchless.** Pkt., 10 cts.; oz., $1.50. 1 lb., $1.25

**Long Island Half-Dwarf.** Pkt., 10 cts.; oz., $1.25. 1 lb., $1.50

**Brussels Sprouts Plants,** see page 212.
CABBAGE

CULTURE.—For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seeds in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds especially Whale Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.

Early Summer. A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is extremely valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00. For plants see page 212.

Succession. A sure heading second early round-headed sort. Comes in a few days after Early Summer, and makes a larger head. It is grown largely by both market gardeners and amateurs. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Improved Flat Brunswick. Produces large heads, with short stems and of excellent quality. While this variety is an excellent one for intermediate crop, it may also be grown for winter use. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

SAVOY CABBAGE

Perfection Drumhead Savoy. (See cut.) The largest Solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. This is the best for market gardeners, as it will produce larger heads than any other kind of Savoy Cabbage.
Danish Ball Head. (See cut.) This extra hard-heading Cabbage is also known as "Hollandar." It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. The strong growth of this variety enables it to withstand dry weather well, and its remarkably good keeping quality makes it an extremely valuable Cabbage for storing away for winter use. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

Danish Roundhead. Matures earlier than the Danish Ball Head. The heads are round, have a short stalk, and are very hard. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. The heads, although making quicker growth, are fully as large as "Ball Head" and equally as good in every way, keeping well during the winter, and of excellent quality. It is well adapted for growing in the garden and produces Cabbage for both fall and winter use. The seed we furnish was grown in Denmark. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

Large Late Drumhead. Heads are sold and have few, loose leaves, thus allowing of planting closely in the field. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Autumn King, or World Beater. Heads large size, solid, good quality and keep well. The heads are flat and leaves set close. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Dreer's Selected Late Flat Dutch. (See cut.) This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat and grow remarkably large, even and very solid. Stems grow short, and the quality of the Cabbage is very fine. It is very hardy, and makes a slow growth, but is a sure heading sort, and nearly every plant can be depended upon, to produce a fine large head. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Chinese, or Celery Cabbage. (See page 5.)

RED CABBAGE

Large Red Drumhead. An old time variety, largely used for picking. The heads are solid, dark red in color and of excellent quality. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

Mammoth Rock Red. The largest variety of Red Cabbage, and produces heads which are remarkably solid. The heads are round with spreading outer leaves and mature at a late season. It is the best Red Cabbage known. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

CABBAGE PLANTS

(See page 212)

CARDOON

Cardon, Fr. Cardo, St. Kardon, Ger. Culture.—Sow seed in open ground in early spring, either for Plants to be transplanted, or directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardon is sometimes grown in trenches in same manner as celery used to be grown. To make the stalks edible, they must be bleached much like celery. The mature leaves are tied together, wrapped in straw, and banked up with earth. The stalks will Blanch fit for use in 3 to 4 weeks.

Large Smooth Solid. This is a large variety with broad ribs. It grows about 4 feet high, and is almost free of spines. Pkt., 10 cts.; oz., 40 cts.; ½ lb., $1.25.

CHERVIL

Cerfeuil, Fr. Perifolli, St. Kerbel, Ger. Culture.—The seed of Curled Chervil may be sown in well prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning. Curled Chervil. Beautifully curled and crisp. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.
CAULIFLOWER

One ounce of seed will produce about 3000 plants

Culture.—For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be warm, very rich loamy loam, well supplied with manure and moisture.

LATE CAULIFLOWER


Lenormand’s Short Stem. A large, late, short-stemmed variety; head is very firm. Pkt., 10 cts.; oz., $1.00.

Agiuers. An extra fine, large late variety, suitable for market and sure to head. Pkt., 10 cts.; oz., $1.00.

Veitch’s Autumn Giant. One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves. Pkt., 10 cts.; oz., $1.00.

For CAULIFLOWER PLANTS see page 212.

CHICORY

Culture. Sow seed in early spring as for Carrots, in rows 12 to 16 inches apart, and thin the plants to 2 to 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. One ounce to 100 feet of drill.


Large Rooted. Used to mix with or substitute for coffee. Pkt., 10 cts.; oz., 20 cts.; lb., $2.00.

Witloof Chicory, or French Endive. (See cut.) Seed should be sown during June in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow plants to grow until November, keeping free from weeds and watering if necessary. Then take up the roots and trim off the leaves to about 1 inches from the neck, break off any shoots which may appear on sides of root, and shorten lower end and so that all will be of a uniform length of 6 or 10 inches. Then plant in a trench 12 to 18 inches deep, placing the roots upward, about 1 inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 16 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and the roots dug up. The blanched head is the edible portion, and should be cut off, leaving a portion of the neck attached to it. Witloof is eaten raw or as a salad, and is also sometimes cooked like ordinary Endive. Pkt., 10 cts.; oz., 20 cts.; lb., $2.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads. The plants make a compact growth, with short outside leaves, and produce heads of medium size. Well suited for hotbed culture. Pkt., 20 cts.; oz., $1.00. For Plants see page 212.
One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre

**CULTURE.**—Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For the earliest crop sow seed of the early short rooted sorts in April or May in drills 1 foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 3 feet, to allow of cultivation by horsepower. In sowing Carrot or other small seed, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller of the garden drill. Varieties marked * are good for stock feeding.

**Dreer's Perfect Forcing.** (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 25 cts.; $1 lb., 70 cts.; lb., 25 cents.

**Sutton's Red Intermediate.** (See Specialties, page 5.) Pkt., 10 cts.; oz., 20 cts.; 1/2 lb., 60 cts.; lb., 2.00.


**Early Scarlet Horn.** Roots grow about 2 inches long; reddish-orange and good flavor. May be grown in frames or in the open ground. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., 1.25.

**Improved Rubicon.** Grows about the same length as the well-known Danvers, but thicker, and is rich dark orange in color, very sweet and of a mild flavor. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., 1.25.

**Danvers' Half-Long Orange.** (See cut.) A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., 1.25.

**Chantenay Half-Long.** (See cut.) Half-long, stump-rooted, slightly tapered and has a smooth orange-red skin, crisp, tender and of excellent quality. The root is broad at top, grows about 5 or 6 inches long and may be used while small. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., 1.25.

**St. Valery.** A large and handsome Carrot, between the half long and long varieties. Broad at neck, tapering to a point; orange color and of good quality. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., 1.25.

**Guerande, or Oxheart.** A good variety on soils too hard and stiff for the longer-growing sorts. The root is short, very thick, and flesh is a bright orange color. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., 1.25.


CELEY

**Culture.**—For early or summer celery sow seed of the self-blanching sorts in flats under glass during February, and pick out singly or in sections of rows, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June set the plants in very rich and well-prepared land, 6 inches apart in the rows, and rows 2 to 4 feet apart. Give thorough and clean cultivation, and blanch by means of hoards set up against the rows. For later and winter celery start seed of standard sorts either in flats as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart; sow seed shallow and firm well. The rows in which the plants are to be set are 4 or 5 feet apart. Blanch by earthing up gradually clear to within a few inches of the tip of the leaves. For winter storage take up the plants with roots, and place upright on wet soil in a dark cellar or roothouse, packing closely. One ounce of celery seed will produce from 5,000 to 10,000 plants.

### Perfected White Plume

(See cut.) Ready for use ahead of all other varieties and unsurpassed for fall and early winter use. The leaves are bright green with white tips, and as the plants grow to maturity the inner stalks and leaves turn white, thus making very little earthing up necessary to thoroughly blanch it. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.75.

### Easy Blanching

(See cut.) A new variety of celery with remarkable easy-blanching characteristics and useful both for early use and for keeping during the winter months. The plants make a quick, healthy growth, and the stalks are thick, very tender and brittle, with a rich flavor. Pkt., 20 cts.; ¼ oz., 85 cts.; oz., $1.50; ¼ lb., $4.50.

### Columbia

An early variety. The plant is of medium height, but very stocky; stalks almost round and resemble Giant Pascal in shape, but are a rich yellow color and fine flavored. Pkt., 10 cts.; oz., 45 cts.; ¼ lb., $1.50.

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**Winter King.** (See Specialties, page 6.) Pkt., 10 cts.; oz., 45 cts.; ¼ lb., $1.50.

**Originator's Golden Self-blanching.** (French-grown seed.) A splendid variety of early celery, requiring but little labor to blanch. Plants grow to a medium size and make a stocky growth; heart is rich golden-yellow with light yellowish-green outer leaves. The quality is excellent, as the stalks are remarkably crisp and tender. Pkt., 20 cts.; ¼ oz., 85 cts.; oz., $1.50; ¼ lb., $4.50.


**Golden Half-Dwarf.** Stalks large and full; heart golden-yellow, turning to light color. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Boston Market.** Forms a cluster of heads, and should be blanched by earthing up. Pkt., 10 cts.; oz., 80 cts.; ¼ lb., $1.00.

**Perfection Heartwell.** A most excellent large green variety; fine flavor and good keeper. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Dreror's Monarch.** Stalks large with bright golden-yellow heart; solid and of delicious flavor. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Winter Queen.** Grows thick, has creamy-white heart, and keeps well. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Giant Pascal.** The stalks are very large, thick; solid, crisp and of rich nutty flavor. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**Shumacher.** The stalks are perfectly solid and crisp. It has a beautiful golden heart. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00.

**New Rose.** Rose-colored stalks of fine flavor. This is the best variety of red celery. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., $1.25.

**Soup, or Flavoring Celery.** Not for planting purposes, but seed is used for flavoring. Oz., 5 cts.; ½ lb., 15 cts.; lb., 50 cts.

**Celeriac.** See page 25.
CUCUMBER

One ounce will plant fifty hills; two pounds will plant one acre

CULTURE.—For very early Cucumbers sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when ground becomes warm, or protect by hand glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger to insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant them from June until the middle of July. The yellow striped cucumber or squash beetle is the most serious insect enemy of the crop. Bordeau Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

EARLY FORTUNE. (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., $1.75.


THE DAVIS PERFECT. (See cut.) For years controlled by the originator, who states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture. The Cucumbers grow long and slim, sometimes measure 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe. It is very tender, brittle and of fine flavor. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., $1.50.

ARLINGTON WHITE SPINE FORCING. A splendid strain of White Spine which has been improved through careful selection with a view to use for forcing in hothouses and frames. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., $1.50.


NICHOL'S MEDIUM GREEN. This cucumber is largely grown for the pickle manufacturers. Fruits medium size and dark green. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., $1.25.

COOL AND CRISP. A strain of White Spine somewhat like the Arlington, but longer and more cylindrical. It is early, and continues in bearing the entire season. Good for table use. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., $1.25.


EMERALD. Exceedingly productive, fruits set early and are very handsome; dark green, long and straight, entirely free from spines. Quality fine, being very solid and crisp. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., $1.50.


JAPANESE CLIMBING. Ornamental as well as useful, and may be grown on a trellis; very prolific and of good quality. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 60 cts.; lb., $2.00.

SMALL GERKIN. A small prickly variety. Used for pickles only, and should be picked while young and tender. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., $1.50.

ENGLISH FORCING CUCUMBERS

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, $2.25.

Duke of Edinburgh, Sion House Improved, Telegraph (Rolston's). In packets of 10 seeds each, 20 cts.; per 100 seeds, $1.75.

CELERIAC (Turnip-rooted Celery)

CELERIAC RAVE, Fr. Apio Nabo, St. Knoll-Sellerie, Ger.

Culture.—Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated, and much harder than the stalk celeries.


GIANT SMOOTH PRAGUE. A very large and smooth variety. Pkt., 10 cts.; oz., 30 cts.; ½ lb., $1.00.
CORN, Sweet or Sugar

One pound will plant about 100 hills, or 150 to 200 feet of row.

**CULTURE.**—Seed of Sweet Corn is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay us to take some risk, as often the plants, when once up, will escape injury by a frost. Plant in hills 3 feet apart each way, covering about one-half of an inch and thin out to 3 plants to a hill, or plant in rows 4 feet apart, plants to stand 12 inches apart in the rows. For succession plant every two weeks up to July 15th.

**SWEET CORN BY PARCEL POST**

The prices given in the Catalogue for Sweet Corn of all kinds are for same to be sent by express or freight, at purchaser's expense. If wanted sent by Parcel Post remit extra as follows:

- To points East of the Mississippi River, 7 cts. per pound.
- To points West of the Mississippi River, 12 cts. per pound.

**Packets of all varieties of Sweet Corn, 10 cts. each postpaid.**

**Dreer's Aristocrat.** (See specialties, page 6.)

**Golden Giant.** (See specialties, page 6.)

**Golden Bantam.** (See cut.) The grains of this variety are golden yellow, an indication that it is hardy and suitable for early planting. It is a rapid grower and produces ears measuring about 5 inches, but the smallness of the ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. It is a fine variety for the home garden. By express or freight, at purchaser's expense. Lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as noted at top of page); 10 lbs., $3.00.

**Golden Cream.** (See cut.) A cross of Country Gentleman and Golden Bantam, taking on the character of the former variety, except in color. The ears are ready for use at an early season; grains are long and pointed, rich cream-colored when ready, but turn to light golden-yellow when cooked, making an attractive appearance on the table. The quality is very fine, being remarkably sweet and tender. Stalks are brownish-red, and make a healthy, rapid growth, producing from 2 to 4 ears each. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as noted at top of page); 10 lbs., $3.00.

**Golden Dawn.** A few years back there was much prejudice against yellow-grained Sugar Corn, but because of their delicious quality this has been overcome. "Golden Dawn" is an extra early yellow grained variety, stalks about 5 feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as noted at top of page); 10 lbs., $3.00.

**Metropolitan.** An extra early variety, ripens a few days later than Cory, but produces larger ears. Grains are sweet and of good flavor. By express or freight, at purchaser's expense, lb., 55 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page); 10 lbs., $2.50.
CORN, Sweet or Sugar

Packets of all varieties of Sweet Corn, 10 cents each, postpaid

Stabler's Early. (See cut.) Of much larger size than usual for the early kinds of Sweet Corn and of most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Peep-o'Day. Originating in the far North, this variety is therefore extremely early in maturing. Besides this very important feature, it is a "Sweet Corn" in the true sense of the word, being remarkably sweet and tender. The stalks grow about three and one-half feet high, and are usually very productive, producing from two to five ears each, which measure about five inches in length and are well filled. By express or freight, at purchaser's expense, ib., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $3.00.

Adams' Extra Early. The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn. By express or freight, at purchaser's expense, ib., 30 cts.; 2 lbs., 50 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.25.

Crosby's Early. A favorite variety, very early, productive; rich, sugary flavor. Ears about 6 inches long and usually contain 14 rows. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Mammoth White Cory. Early as ordinary Cory; preferred by many who object to the red cob sorts. The stalks do not grow very tall, are very prolific, usually bearing two ears each. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Howling Mob. A large extra early variety, which may be planted early and is productive. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Kendel's Early Giant. While producing large ears, this variety will also mature rapidly, making Corn ready for use ahead of some of the old standard early sorts which produce smaller ears. The ears are about 7 inches in length, with pure white grains, very sweet and tender. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Mammoth Early. A second-early variety, which bears large ears with large-sized grains and is very sweet. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Early Evergreen. This variety resembles Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep, sweet grains. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Stowell's Evergreen, Improved. This well-known variety is largely planted for the late, or main crop and is very productive. The ears grow to a large size and grains are very tender and sugary. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Zig-Zag Evergreen. A good sweet Corn. The ears are large and grains same shape as Stowell's Evergreen, but are arranged on the cob in a zigzag manner, hence its name. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Country Gentleman, Little Gem, or Shoe Peg. A very popular variety which ripens about the same time as Stowell's Evergreen. The ears grow to a medium size, with deep grains in irregular rows on cob, and deliciously sweet, tender and milky. A fine late variety. By express or freight, at purchaser's expense, ib., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $3.00.

Mammoth Late. The largest late sort, very productive and fine flavor. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Potter's Excelsior, or Squamton. A late variety, producing large ears. By express or freight, at purchaser's expense, ib., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $2.50.

Blauk Mexican. A black-grained variety, sweet and tender. By express or freight, at purchaser's expense, ib., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as noted at top of page 24); 10 lbs., $3.00.

POPCORN On the Ear Only.

White Rice, White Pearl, and Queen's Golden. Each at 30 cts. per lb., by mail postpaid; 10 lbs., $1.50, by express at purchaser's expense.

FIELD AND FODDER CORN (See pages 47 and 48)
One ounce will produce 1000 to 2000 plants

Culture.—Sow seeds in hotbeds early in March. When 3 inches high pot the young plants and plunge in the same bed, so that the plants may become stocky. They can be planted out when the season becomes warm, in May or June. Egg-plant seed requires a higher temperature for germination than any other garden vegetable, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest as well as blight may be controlled by spraying with Bordeaux Arsenate of Lead Mixture.

Early Black Beauty. (See specialties, page 6.)
Pkt., 10 cts.; ½ oz., 40 cts.; oz., 75 cts.; ½ lb., $1.00. For plants, see page 212.

New York Improved Large Purple. (See cut.)
This variety is largely grown and produces the Egg-plant in great quantities, as the plants bear from six to eight fruits each. They are large, nearly round, dark purple, free from blemish and of excellent quality.
Pkt., 10 cts.; oz., 60 cts.; ½ lb., $1.75.

Early Long Purple. Earliest and hardest, very productive; fruit 6 to 10 inches long. Pkt., 10 cts.; oz., 60 cts.; ½ lb., $1.75.

Black Pekin. Fruit purplish-black, round, large, solid, smooth and glossy; very prolific and early.
Pkt., 10 cts.; oz., 60 cts.; ½ lb., $1.75.

Egg-Plant Plants. See page 212.

Aubergine, Fr., Cabu, Sr.

**COLLARDS**
Blatterkohl, Ger.

Culture.—Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost.

One ounce will produce about 3000 plants.

**CREOLE, or Southern**
Cabbage greens, used as a substitute for Cabbage in the South.

Cresson, Fr., **CRESS**

Bitter ao Mastuerzo, Sr.

**Garten Krause, Ger.**

Culture.—Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salad, garnishing, or as an addition to winter salads. Sow seed very thinly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

**Extra Curled, or Pepper Grass**. Leaves frilled and are used for salad or garnishing.

**Upland Cress**
Grown in soil and has the flavor of Water Cress.

**Water Cress**
Grown in water.
Pkt., 10 cts.; oz., 75 cts.; ½ lb., $2.00.

**CORN SALAD** (Betticus)

Nasturtium, Fr., Canadigora, Sp.

**Stecksalat, Ger.**

Culture.—Sow in spring in drills 1 foot apart; it will mature in six or eight weeks. For winter and early spring use, sow in drills in August and September.

**Three ounces to 100 feet of drill**

**Large Seeded**

**Finocchio, or Florence Fennel**

When the enlargement of leaf stalk, at base of stem, is about the size of a hen’s egg it should be earthed up so as to cover half of it, and in about ten days cutting may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, and it may be used as a salad, or served boiled.
Pkt., 10 cts.; oz., 50 cts.; ½ lb., $1.00.

**Plasenlit, Fr., DANDELION Amargos, Sp. Loewerensch, Ger.**

Culture.—Plants usually come up small and feebly. Sow seed in good clean loam, in drills 1 foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter, or by placing a large inverted flower pot over each plant.

**Broad-leaved.** Pkt., 20 cts.; oz., $1.00; ½ lb., $3.50.

**Improved Thick-leaved.** An improved variety.
Pkt., 20 cts.; oz., $1.50; ½ lb., $3.50.

Chicoree, Fr., **ENDIVE**

Endive, Ger.

**Endive a Escarola, Sr.**

One ounce of seed to 300 feet of row

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June or July. When 2 or 3 inches high, transplant into good ground or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together and tying with yarn or baste to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. In three or four weeks they will be blanched.

**Deer’s Giant Fringed.** A strong-growing variety with a large white heart and broad stems; good for fall and winter. On account of the beautifully curled leaves this variety is fine for decorative purposes.

**Green Curled Winter.** Standard sort for fall and winter crop; when tied up this variety blanches splendidly.

**White Curled (Self-blanching).** Leaves pale green, grows to a large size, always crisp and very tender.

**Broad-leaved Batavia** (Escarolle). Leaves broad, light green, nearly round, used in stews and soups; but if the leaves are tied up it will blanch up nicely and can be used as a salad.

**French Endive.** See Willoof Chicory, page 20.
KALE, or BORECOLE

Chou Vert, Fr. Breton, Sr. Butterkohl, Ger.

One ounce of seed will produce about 5000 plants

Culture.—Excellent greens for winter and spring use and improved by frost. Sow from May to June, in drills about 1\frac{1}{2} feet apart, and cultivate the same as Cabbage. For early spring sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

**Breeder's Imperial Long Standing Kale.** (See Specialties, page 6.) Beautifull curled and frilled. Leaves are very large and of a bright green color; very hardy. Pkt., 10 cts.; oz., 25 cts.; \( \frac{1}{2} \) lb., 70 cts.; lb., $2.25.

**Dwarf Green Curled.** Leaves yellowish green, very compact and beautifully curled. Pkt., 10 cts.; oz., 20 cts.; \( \frac{1}{2} \) lb., 60 cts.; lb., $2.00.

**Dwarf Curled Scotch.** Leaves bright green, curled, very tender and fine flavored; an excellent sort. Pkt., 10 cts.; oz., 20 cts.; \( \frac{1}{2} \) lb., 60 cts.; lb., $2.00.

**Sea Kale.** When blanched, the leaf stalks are cooked and served like asparagus, or the leaves may be used as greens. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., 85 cts.; lb., $3.00.

**Poirrass, Fr. LEEK Lauch, Ger.**

**Culture.**—Sow early in April in drills 1 foot apart and \( \frac{1}{2} \) inch deep. When plants are 6 to 8 inches high, transplant in a deep rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September; plants transplanted in the spring.

**Breeder's Przetaker Leek.** (See cut.) A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick, and are pure white in color. On account of its size and attractive appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 45 cts.; \( \frac{1}{2} \) lb., $1.25.

**Giant Carentan.** Produces a large, thick stem and of mild flavor. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., $1.00.

**Musselburg.** Grows to a very large size, with broad leaves, spreading like a fan. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., $1.00.

**London, or American Flag.** A popular sort, hardy and good quality. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., $1.00.

KOHLL RABI

(Turnip-rooted Cabbage)

Chou Rave, Fr. Cold Nabo o Nabicol, Sr. Kohl-Rabi, Ger.

One ounce of seed will sow a drill of about 300 feet

Culture.—The edible part is the bulb, which grows on a stalk a few inches above ground. Sow seed in drills, allowing 16 or 18 inches space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

**Earliest Erfurt Kohl-Rabi.** A white, tender variety, with smooth root and very short top; the best variety for outdoor culture. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., 85 cts.

**Early White or Green Vienna Kohl-Rabi.** Flesh white and tender. A standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., 85 cts.

**Early Purple Vienna Kohl-Rabi.** A small, but early variety, used for forcing or early planting in the garden. Skin purple, but flesh white and of good flavor. Pkt., 10 cts.; oz., 30 cts.; \( \frac{1}{2} \) lb., 85 cts.
Dreer's All-Heart Lettuce

Lactuca Sativ., Fr.

CULTURE.—Sow the seed in hotbeds or flats during February or early March, prick the young seedlings out in flats or cold frame several inches apart each way; and, as soon as a nice, rich warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter.


Dreer's “All-Heart.” (See cut.) Introduced by us several years ago and has continually grown in the favor of both private and market gardeners. It is the most reliable hardheading lettuce, far superior to all other varieties of cabbage-lettuce, and adapted to both spring and summer use, as it withstands intense heat and forms magnificent heads with leaves closely set, extremely solid heart, even before it is half grown. The color is a beautiful yellowish-green, and the flavor is excellent, being rich and buttery. Pkt., 10 cts.; ½ oz., 25 cts.; oz., 40 cts.; ½ lb., $1.25. For plants see page 212.

Grand Rapids Forcing. (See cut.) Matures quickly, large size, handsome appearance; crisp and tender. Forms a loose cluster of leaves which are bright green and crimped at the edge. It is one of the best varieties for growing in the greenhouse, and extensively used for that purpose. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.


Boston Market (White Seed). Hardy and crisp; a good forcing variety. Heads are medium size and leaves dull green in color. Largely grown by market gardeners located near Boston, Mass., and also used in all sections of the country. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

Hittinger's Belmont Forcing. An improvement on the Boston Market, larger in size, crisp, tender and attractive. It is a very dependable variety for growing in the greenhouse. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

One ounce will produce about 3000 plants.

Early Dutch Butter, Spotted. Fine large heads of excellent quality and buttery flavor. Leaves are crumpled and spotted in places, and it is one of the best forcing and market sorts. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.
LETUCE—Continued

Iceberg. A curly Lettuce which produces large, solid heads. The outer leaves are light green in color, and their habit of branching towards the centre of head is a great aid to the blanching of heart. It is very firm, crisp and of good flavor. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Black-seeded Tennisball. Forms a close, hard head, with few outer leaves. It is of good quality and excellent flavor. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

Early Curled Simpson (Stilea). This does not make a head, but forms a close compact mass of leaves at a very early season; good for forcing outside. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

Black-seeded Simpson. Produces a compact mass of light green leaves, but does not head. A very good variety of lettuce for home use. It is crisp and slow to shoot to seed. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.


Dreer’s Improved Hanson. This superior Lettuce, which we originally introduced, is a good summer heat resisting sort. Heads grow to good size, are sweet, tender and crisp. The color is light green, and leaves, which are crumpled, tightly overlap each other. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts. For plants, see page 312.

Wayahead. An excellent variety of head-lettuce, which may be grown either in the cold frame, or sown in the open ground early in the spring, and produces good hard heads at an early season. The outer leaves fold tightly and are light green in color, while the inner leaves or heart blanch yellow. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Mammoth Salamander (See cut.) A rich, buttery Cabbage-heading variety, which grows double the size of Salamander. Color light green and quality good; an excellent intermediate variety. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

Sensation. This variety is remarkable for its character of forming close, hard heads, even in an early stage of growth. Color yellowish-green; quality very fine, having a rich butter flavor, and being crisp and tender at all stages of growth. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

Improved Deacon. A good summer cabbage sort; very crisp, large and light in color, also used for growing in cold frames during winter and spring, and a good sort to grow for market. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

Early White Cabbage (White Butter Lettuce). A good variety for sowing in the fall, as it is nearly hardy and requires but little protection. Heads are very firm and nicely blanched. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.


Golden Queen. A forcing variety which makes a small, compact, yellow head, somewhat pointed and blanches up nicely. Pkt., 10 cts.; oz., 45 cts.; ½ lb., $1.25.

ROMAINE, COS, OR CELERY LETTUCE

Trianon Self-folding Cos. (See cut.) This is the Lettuce that is served at the best hotels and restaurants under the name of “Romaine Salad.” It differs from ordinary Lettuce by the shape of the leaves, which are elongated, spoon-shaped and very crisp. It is grown in the same manner as Cabbage Lettuce, but does not make a solid head. The seed should be sown early in the spring, in good soil, and when plants have three leaves thin out to stand about 4 inches apart in the row, and when plants are of a sufficient size the leaves should be drawn together and tied, in order to blanch the inner ones. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00.

Kingsholm Cos. Forms long, upright plants with narrow leaves, which are crisp and refreshing, withstands the summer heat. Pkt., 10 cts.; oz., 30 cts.; ½ lb., 85 cts.

DREER’S RELIABLE MUSHROOM SPAWN

The idea that good Mushrooms can only be produced in caves, pits, and houses which have been specially built for the purpose, is erroneous. They can be successfully grown in almost any building, cellar, or shed, which can be darkened. Beds can be made on ground floor, or on shelves, in tiers; also in the greenhouse under the benches or in spent hot beds, and to some extent out of doors on the lawn or in the orchard or meadow. Thus it may be seen that “Mushrooms for All” can be produced at very little expense.

American Spore Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size. It is produced from original spores of the best varieties, gathered, germinated and propagated under a famous French process, producing the most vigorous and prolific spawn. We furnish the Cream White No. 8 variety. Per brick, 35 cts. (by mail, 45 cts.); by express, 5 bricks, $1.60; 10 bricks, $3.00; 25 bricks, $7.00; 50 bricks, $13.00; 100 bricks, $25.00.

Dreer’s Mushroom Circular free on application. Tells how to prepare the Mushroom bed and take care of crop. If interested in growing Mushrooms write for a copy.

MARTYNIA

Culture.—The seedpods are used for pickling when gathered young and tender. Sown in open ground in May in hills 3 feet apart each way, or in a hotbed and afterwards transplanted. If once planted in the garden voluntary plants are likely to spring up the following year from scattered seeds.


MUSKMELONS

Cultural directions for growing muskmelons will be found on page 31

HONEY DEW MELON

This melon has only been on the market for a few years, and is unlike the ordinary muskmelon or cantaloupe both in appearance and flavor, the outer skin being smooth, hard and nearly white. The melons are large, round to oval in shape, extremely thick, and have a very small seed cavity; flesh is light green, very solid, and of a rich honey-like flavor, luscious and juicy, much more so than any variety of muskmelon. It is an excellent keeping melon and fruits may be laid away for use late in the fall when they will be greatly appreciated, not only for their delightful flavor, but because the other varieties of melons are gone. On account of the hard shell it is an excellent shipper, carrying safely for long distances without being bruised or damaged in any manner. It is suitable for growing in all places of equal latitude to Philadelphia and the West, including California, but we do not recommend it for planting in the New England States, or locations where the growing season is short. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 75 cts.; lb., $2.50.

DELICIOUS GOLD LINED MUSKMELON

Growers of muskmelons, both for home use and for market, will be delighted with “Delicious Gold Lined,” both on account of its desirable size and good quality. The melons are the same size as “Rockyford,” the variety having been selected from that well-known melon, but specimens run more uniform as to size and shape, which is nearly round, and the skin is covered with a thick grayish netting, adding much to the appearance of the melon. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. Vines are productive and melons mature early, making it desirable both for the home garden and for shipping, as it is of a size and shape which is especially suited for crating. In our trials we have found no other muskmelon of the Rockyford type that is equal to this. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.
MUSKMELONS

Melon Muscade, Fr.

One ounce will plant about 50 hills; 2 to 3 lbs. in hills per acre

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Muskmelons, 8 to 10 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had, by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.


Rocky Ford Improved. (See cut.) This delicious Melon is of the Netted Gem type, oval in shape and beautifully netted. It has been improved at Rocky Ford, Colorado, a section noted for its fine Muskmelons. The melons average about five inches in length and are of most delicious flavor; flesh is smooth-grained and light green color. It is a very popular variety, and the melons are found on the tables of all leading hotels and restaurants during their season. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 45 cts.; lb., 80 cts.; lb., $1.50.


Burrell's Gem. (See cut.) Skin is rather dark green and round thin, leaving a thick lining of salmon flesh, which is of most delicious, juicy flavor, and fairly melts in the mouth. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.


Miller's Cream, or Osage. Large and round, with light green, netted skin, and thick, sweet, salmon-flesh. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.


Tip Top. Medium sized, nearly round. Flesh is deep yellow and has a rich flavor. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.


MUSKMELONS

FOR FORCING


WATERMELONS

One ounce for 30 hills, four to five pounds for an acre

CULTURE.—See directions given under Muskemelons. Watermelons, however, are slightly less subject to "bug," depreciation and disease attacks than Muskemelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.


Harris' Earliest. This excellent Watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.


Blue Gem, or Iceberg. (See cut.) An excellent variety, which is similar in shape to the well-known Kolb's Gem, but has darker skin. The Melons grow to large size. The heart is large, and flesh a beautiful shade of pink, darker than Kolb's Gem, extends close to the outer skin, and is of sweet flavor. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.


Dixie. A cross of Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equaling the latter in quality. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 40 cts.; lb., $1.25.

Mammoth Ironclad. Large size, oblong in shape, solid and of most delicious flavor. The flesh is bright scarlet in color, very firm and crisp. It is a very prolific bearer. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 40 cts.; lb., $1.25.

Tom Watson. (See cut.) A large oblong Melon, the skin of which is dark green, with netting all over. It originated in Georgia, a State noted for producing fine Watermelons, and this new variety is a good example of what a first-class Watermelon should be. The rind is thin, but tough, and the flesh a bright, attractive red color, of a delicious, sweet and satisfying flavor. Its appearance and quality strongly recommend it both for home use and for market. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.

Monte Cristo, or Kleckley Sweet. Where sweetness, combined with large size is desired, this variety will surely please, as it has that crisp, sugary flavor so much desired. It grows to a large size and is oval-shape, with dark green skin, which is somewhat mottled, and the flesh is bright red. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 45 cts.; lb., $1.50.

Alabama Sweet. A large and attractive melon; oblong in shape, early in maturing and continues to ripen during a long season. Color dark green, flesh bright red, remarkably firm and of luscious flavor. We recommend it to those who grow for market, as it is well adapted for that purpose. Pkt., 10 cts.; oz., 15 cts.; $1 lb., 40 cts.; lb., $1.25.


Moutarde, Fr. MUSTARD Mostazo, Sr.

One ounce will sow 100 feet of drill

Culture.—A small, pungent salad, used like cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.


DREER’S CHOICE ONION SEED


One ounce of Onion seed for 200 feet of drill, 4 to 8 pounds for an acre

CULTURE.—For early green or bunching Onions, sow seed of Silver Skin or other hardy white varieties in early August in well prepared and well drained soil, giving 1 foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection.

For dry (fall) bulbs, select a clean, rich, well drained and well manured piece of land, prepare a perfect seed bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seed per acre. Use wheel-hoe and weeder freely and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select a clean sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as Prizetaker and Southport Globes, under glass in January, February or March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced.

Ideal Yellow Globe. (See cut.) A large, yellow Onion, which is the most globed shape we have ever seen. Its general characteristics stamp it as the best main crop variety of its type, and we are pleased to offer it to our customers, feeling sure that it will fully satisfy all who desire to grow large onions the first season from seed. The bulbs are true globe-shape, with skin of a pleasing yellow color, flesh white and of a mild flavor, which will please and satisfy everyone. It is not the ordinary Southport Yellow Globe, but it is far superior, much more productive, and on account of its fine appearance will sell quicker on the market. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 75 cts.; lb., $2.50.

Philadelphia Yellow Dutch. A good keeper and well flavored; bright straw-colored skin and somewhat flattened shape, and matures the crop at an early season. Largely grown for sets and on account of its excellent keeping qualities. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.

Yellow Globe Danvers. Onion growers throughout the country prefer this type of Onion to many others, and it is with this in view that the bulbs from which our seed is grown are especially and carefully selected as to shape. It is a good paying Onion for general crop, and has been one of the leading varieties for years. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 70 cts.; lb., $2.25.

Prizetaker. (See cut.) The large size and handsome appearance of this Onion makes it equally desirable for the home garden or for market. It is strictly “fancy,” and is found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe-shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. No sets are required, as the large Onions are grown the first year from seed sown during the spring. This is a good variety of Onion for sowing under glass in February for transplanting. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 70 cts.; lb., $2.25.

Southport Yellow Globe. A very large handsome, globular-shaped yellow variety, very productive, of mild flavor. The outer skin is pale yellow, and the flesh creamy white. The bulbs are of a beautiful globe shape, and grow a little larger than the Southport Red Globe. Pkt., 10 cts.; oz., 25 cts.; ½ lb., 70 cts.; lb., $2.25.

Gigantic Gibraltar. A large and handsome Onion which is on the order of “Prizetaker,” both in shape and size of bulbs. It is of a globe shape, with light straw-colored skin and white flesh, which is very mild and tender. The plant is healthy and will stand much bad weather. Pkt., 10 cts.; oz., 35 cts.; ½ lb., $1.00; lb., $3.50.
DREER'S CHOICE ONION SEED—Continued

White Portugal, or Silver Skin. (See cut.) This variety is one of the leading white sorts, and is of beautiful shape and very mild flavor. The bulbs are flat in shape and mature early, making it a very desirable variety for growing in sections where the season is short. It is a splendid variety for both family use and the market gardener, and is very largely used for growing sets on account of its fine shape when small, and also for its good keeping qualities. This variety is often grown for use in the green state as a bunching Onion, and it is also extensively used as a pickling Onion, for which purpose it seems to be well adapted. Pkt., 10 cts.; oz., 25 cts.; \(1/4\) lb., 70 cts.; lb., $2.25.

Southport White Globe. (See cut.) On account of its uniform globe shape, this variety is highly prized, particularly for the home garden, where quality as well as appearance are desired. The bulbs are pure white and of a very mild flavor, also equally as good for keeping as the Yellow Globe. It is good for use as a medium crop, but most valuable when grown for the main crop, as the flesh is remarkably firm and solid. It is an enormous yielder, and as it is very attractive, it always sells at high prices. It is best to dry these onions in a shady place, and give them plenty of air. Pkt., 10 cts.; oz., 25 cts.; \(1/4\) lb., 75 cts.; lb., $2.50.

White Queen, or Barletta. This is the earliest variety of Onion and is very mild, pure white, both skin and flesh. It does not grow to a large size, usually averaging about 1\(\frac{1}{2}\) inches in diameter, and is of a slightly flattened shape. It is a splendid variety for pickling, for which purpose it is largely grown. Pkt., 10 cts.; oz., 30 cts.; \(1/4\) lb., 85 cts.; lb., $3.00.

Mammoth Silver King. This is the largest of the Italian varieties of Onion, specimens having been grown to weigh as heavy as three pounds. It is the leading variety of its type and produces the full sized bulbs in one season's growth, direct from the seed planted. It is flat in shape and both skin and flesh are pure white, mild and well flavored. Should be used soon after being gathered. Pkt., 10 cts.; oz., 30 cts.; \(1/4\) lb., 85 cts.; lb., $3.00.

Large Red Wethersfield. A leading variety in some localities, and does very well in all sections. It grows to full size the first season from seed and is very productive. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong flavored and an excellent keeper. It does better in dry soil than most onions. Pkt., 10 cts.; oz., 20 cts.; \(1/2\) lb., 60 cts.; lb., $2.00.

Extra Early Red. Earlier than the Wethersfield, and somewhat smaller, close-grained and a good keeper. The Onions are flat in shape, grow very uniform and are somewhat strong in flavor. It is about the earliest of the red Onions to mature and for this reason largely grown. Pkt., 10 cts.; oz., 20 cts.; \(1/2\) lb., 60 cts.; lb., $2.00.

Southport Red Globe. The deep red color of skin and symmetrical form of this Onion make it very attractive. It is globe shaped, of medium size, keeps well and is of superior quality. This variety is very popular in some sections. Pkt., 10 cts.; oz., 25 cts.; \(1/4\) lb., 75 cts.; lb., $2.50.

CHOICE ONION SETS

Prices subject to market changes

If by Parcel Post add as follows: To points East of the Mississippi River, 10 cts. quart; West of the Mississippi River, 20 cts. quart.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
<th>1 oz.</th>
<th>2 oz.</th>
<th>4 oz.</th>
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<tr>
<td>White Onion Sets</td>
<td>$0.40</td>
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<tr>
<td>Yellow Onion Sets</td>
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<tr>
<td>Red Onion Sets</td>
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<tr>
<td>White Potato (Multiplier)</td>
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<td>$1.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow Potato Onions</td>
<td>$0.40</td>
<td>$1.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shallots</td>
<td>$0.50</td>
<td>$1.50</td>
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<td></td>
</tr>
<tr>
<td>Garlic</td>
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<td>$3.00</td>
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<tr>
<td>Chives</td>
<td>See Vegetable Plants, page 212.</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

When larger quantities of Onion Sets are desired, write for prices.
Sweet, Pot and Medicinal Herbs

Every garden should contain a few herbs, as they are useful in many ways and arouse delightful memories. They can be grown as edgings to walks, and their fragrance will be distributed by the brushing of clothing against the plants while passing.

CULTURE.—Herbs delight in a rich, mellow soil. Sow seeds early in spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches and hung up or spread thinly on a floor where they can dry quickly. Those marked with an * are perennial.


*Catnip. For medicinal purposes, and relished by cats, who roll in it with great delight. Pkt., 10 cts.; oz., 40 cts.


For plants, see page 312.


OKRA, OR GUMBO


Culture.—This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep, thin to 10 inches apart in drills. Culture otherwise like corn. One ounce will sow 100 feet of drill.

Perkins’ Long-pod Okra. The pods grow 4 or 5 inches in length, and are very tender, long, slim and of a beautiful deep green color. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 85 cts.


Improved Long Green. A splendid old-time favorite which is very productive and bears long pods, which are of good quality. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.


Savory, Summer. Leaves and shoots are used for flavoring. Pkt., 10 cts.; oz., 50 cts.


Spaemint. Plants only, see page 212.

*Sage Marjoram. Leaves used green in summer and dried in winter for flavoring. Pkt., 10 cts.; oz., 30 cts.; ½ lb., $1.00.


Tarragon. Plants only. See page 212.


PARSNIP


Culture.—Sow as early in the spring as the weather will admit in drills 18 inches apart and ½ inch deep, in a rich deep soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs. One ounce will sow 200 feet of drill, 5 to 6 lbs. for an acre.

Large Sugar, or Hollow Crown. (See cut.) This is the best and most productive variety and is largely grown both in the home garden and for market. The roots, which are white, grow long, and are smooth, tender, sweet and are of excellent flavor. This strain was made by careful selection of roots growing to an ideal shape and having the distinct hollow crown, is especially desirable for market gardeners’ use. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., $1.00.

CULTURE.—Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and ⅜ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or spray in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar. **One ounce of seed for 150 feet of drill.**

**Dreer’s Dwarf Perfection.** (See cut.) A compact variety, with fine curled leaves. Color bright pea-green, and the flavor surpasses all other varieties of Parsley. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., $1.00; lb., $3.50. For Plants see page 212.

**Dreer’s Summer Green.** Especially adapted for summer. It is a strong and vigorous grower, and produces large, finely curled leaves of beautiful dark green color. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.


**Turnip-rooted Parsley.** The fleshy root resembles a parsnip and is used for flavoring soups, etc. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.

**PEPPER**

**Pimienta.** Pimienta, Sp. **Pfeffer, Ger.**

**CULTURE.**—Sow seed in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way, and when the weather has become thoroughly settled in spring, set out in the ground in warm, very rich and well-prepared soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in the rows. The large, sweet sorts have become very popular and are always in great demand.


**Chinese Giant.** This variety is undoubtedly the largest Sweet Pepper ever offered. The fruits are bright scarlet, flesh is thick, very mild and remarkably sweet. Pkt., 10 cts.; ¼ oz., 45 cts.; oz., 80 cts.; ¼ lb., $2.50.

**Ruby King.** (See cut.) Fruits are about four inches long, flesh thick and mild, color dark green while young, turning to bright red when ripe. Pkt., 10 cts.; oz., 75 cts.; ½ lb., $2.25. For Plants, page 212.

**Ruby Giant.** A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.; ¼ oz., 45 cts.; oz., 80 cts.; ¼ lb., $2.50.

**Giant Crimson.** Upright growth, very vigorous and produces fruits nearly as large as “Chinese Giant.” It ripens early and the Peppers are deep crimson, flesh very mild. Pkt., 10 cts.; ¼ oz., 45 cts.; oz., 80 cts.; ¼ lb., $2.50.

**Large Bell or Bull Nose.** Large early variety. Flesh is thick and of mild flavor. Pkt., 10 cts.; oz., 50 cts.; ¼ lb., $1.75. For Plants, page 212.

<table>
<thead>
<tr>
<th>Pkt.</th>
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<tbody>
<tr>
<td>Long Sweet Spanish</td>
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<td>$50</td>
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<tr>
<td>Neapolitan</td>
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<td>75</td>
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<tr>
<td>Long Red Cayenne (Plants, page 212)</td>
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<td>50</td>
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<tr>
<td>Small Chili</td>
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</tr>
<tr>
<td>Golden Dawn</td>
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</tr>
<tr>
<td>Red Cherry</td>
<td>10</td>
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</tr>
<tr>
<td>Celestial</td>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>Red Japan Cluster</td>
<td>10</td>
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<tr>
<td>Tabasco</td>
<td>10</td>
<td>80</td>
</tr>
<tr>
<td>Creole, or Bird’s Eye</td>
<td>20</td>
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</table>

**PEPPER PLANTS.** (See page 212.)
GARDEN PEAS

CULTURE.—Peas of extra early smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarf sorts of the American Wonder type will succeed only on the very richest garden land and may be planted in rows a foot apart. One pound will plant about fifty feet of drill.

Material for inoculating Peas will be found offered on page 223.

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

To points east of Mississippi River, 7 cts. per pound.
To points west of Mississippi River, 12 cts. per pound.

Packets of all varieties of Peas, 10 cts. each.

EARLY VARIETIES

Market Surprise. (See Colored Plate and page 8.)
Laxtonian. (See Specialties, page 8.)
Sutton's Excelsior. (See Specialties, page 10.)
Little Marvel. (See Specialties, page 10.)
Dreer's Eureka Extra Early. One of the earliest and most prolific extra early varieties, which has given good results wherever grown. Vines grow to a height of about 20 inches and are very robust, bearing an abundant crop of pods which measure about 3½ inches in length, and are well filled with peas of excellent flavor. It is an extremely even cropper, and can be gathered clean in two pickings; height 20 inches. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.00.

Dreer's Electric Extra Early. This is the best of the small, round, blue-seeded extra-early sorts. The vines grow very uniform and attain a height of 2½ feet, bearing an abundant crop of medium size, dark green pods, which are well filled with peas of good flavor. It is not only valuable for early use but is especially adapted for planting in August when most plantings of other varieties result in failure. We consider Dreer's Electric Extra Early the most reliable Pea for planting as early in the spring as the ground can be worked. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.00.

Gradus, or Prosperity. (See cut.) This splendid variety combines the finest quality with extreme earliness and is also very productive. Grows vigorous and healthy; vines about three feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious and a valuable feature with the "Gradus" is, that the Peas remain tender and sweet for a long time after having been picked from the vines. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

Premium Gem, or Little Gem. Vines grow 18 inches high and pods are borne on both sides of stalks, beginning near the ground. While not large the pods are closely packed and shell out large quantities of peas. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Thomas Laxton. An early variety of large-podded Pea, which is very hardy and a strong grower, producing pods in abundance. The habit and growth of vine resembles Gradus, although the color is darker and pods more blunt in shape. The pods are well filled with large peas; height 3 feet. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.
GARDEN PEAS—Continued

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight, at purchaser’s expense. If pints or quarts are wanted sent by Parcel Post, remit extras as follows:
To points East of Mississippi River, 7 cts. per pound.
To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Peas, 10 cts. each.

SECOND EARLY AND MEDIUM VARIETIES

Senator. (See cut.) Peas fit to pick in about sixty-one days, pods about 4 inches long, curved and rich dark-green color, well filled with medium size green, wrinkled peas, which are very sweet and tender. These are the qualities which recommend this second early Pea to every one who has a garden. The vines grow about 2½ to 3 feet in height, and when given proper support will yield an enormous crop of the extremely large pods. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

 Lincoln. Grows about 1½ feet in height and produces long curved, deep green pods in pairs, literally covering the plant. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

Abundance. Pods contain 6 to 8 large wrinkled Peas, and ripen about one week after the earliest kind; height, 1½ feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Advancer. Prolific, well filled, long pods, tender and delicious flavor; 2 feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Shropshire Hero. A good second early which bears large well-filled pods in great abundance. The peas are large, wrinkled and of good flavor; 2½ feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Long Island Mammoth, or Telegraph. A very productive medium late variety. The pods are a glossy dark green in color, long and well filled. It carries well and for this reason is largely grown for shipping; 4 feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Alaska. An extra early round Pea, pods a dark green, height, 2 feet. By express or freight, at purchaser’s expense, 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.00.

Surprise Pea. This Pea is one of the earliest and sweetest of the wrinkled sorts. Vines grow about 2 feet high and are enormously productive. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

American Wonder. A very fine extra early wrinkled variety, well suited for the private garden. It is productive, very sweet, and one of the earliest, dwarf-wrinkled Peas; height, 1 foot. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

Nott’s Excelsior. An improvement on American Wonder. The vines make a healthy growth and produce a large number of pods which are well filled with very sweet and finely flavored peas. Desirable for market and home use; height, 14 inches. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.

GENERAL LATE CROP

Telephone. A large podded Pea for general crop. The vines are very strong in growth, and average 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height, 3½ feet. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

Carter’s Daisy, or Dwarf Telephone. This is a Dwarf variety, bearing large, handsome pods like Telephone. The pods are long, frequently measuring 6 inches in length, broad, rounded or curved at the end and remarkably well filled. The color is pale green and quality excellent; height, 15 inches. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $4.00.

Everbearing. A first-class Pea for summer and autumn use. Pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor; very sweet and tender; 2½ feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated at top of page); 10 lbs., $3.50.
The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser’s expense. If wanted sent by Parcel Post, remit extra as follows:

To points West of Mississippi River, 7 cts. per pound.

In packets of all varieties of Peas, 10 cts. each

Potlach. (See cut.) A large podded variety of wrinkled Pea, which is very productive and of excellent quality. The vines grow to a height of about 20 inches; foliage is a healthy dark green color, and the crop matures in about 65 days. The pods, which are borne in pairs, are long, dark green and well filled with large Peas. Because of its great productiveness and fine quality the “Potlatch” will surely please all who plant it. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $4.00.

Dwarf Champion. (See cut.) A splendid dwarf variety which is very hardy, productive and of fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $5.50.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality. The vines make a sturdy growth, and are well filled with the large, handsome pods; height 18 inches. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $4.00.

Champion of England. This popular old-time wrinkled variety is still largely used on account of its rich flavor; 5 feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.

Yorkshire Hero. The pods are medium in size and are well filled with large Peas, which remain in good condition for a long time; 2 feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.

Pride of the Market. A dwarf Pea of vigorous habit in growth. The pods are large, of a medium green color, and contain 7 to 9 Peas of a fine quality. Grows 2 feet high and does not need support. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $4.00.

Large White Marrowfat. Height, 5 feet. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.75.

Black-eyed Marrowfat. Height, 4 feet. By express or freight, at purchaser’s expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $2.75.

French Canner (Petit Pot, or Small French Pea). Very prolific, with long, slim pods, containing from 7 to 10 peas; 3 to 4 feet. By express or freight, at purchaser’s expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $3.50.

Melting Sugar. Pods grow 5 to 6 inches long, and are cooked with the Peas. Height, 5 feet. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $4.00.

Giant Sugar. Largest podded variety. Pods are very tender and sweet. Height, 5 feet. By express or freight, at purchaser’s expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post add as stated at top of page); 10 lbs., $4.00.
PUMPKIN

Caabaza, Sp.
Groesse-Kurbis, Ger.

Sugar, or New England Pie. (See cut.) For making pies this variety cannot be excelled. The Pumpkins are small but very sweet, fine grained and of the best quality. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., $1.25.

Winter Luxury Pumpkin. A very good keeper and a splendid pie Pumpkin; shape round, skin finely netted, and beautiful russet yellow color; flesh thick and of fine flavor. Pkt., 10 cts.; oz., 20 cts.; 1/2 lb., 50 cts.; lb., $1.75.


Large Yellow Mammoth Pot. (King of the Mammoths, Jumbo). Specimens have been grown weighing over 100 pounds. Skin rich dark yellow, flesh lighter shade. Pkt., 10 cts.; oz., 25 cts.; 1/2 lb., 70 cts.; lb., $2.25.


POTATOES

Potiron, Fr.

CULTURE.—Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill, plant at the same time with the corn. This prevents the danger of their mixing or hybridizing with squashes or pumpkins.

Sugar, or New England Pie. For making pies this variety cannot be excelled. The Pumpkins are small but very sweet, fine grained and of the best quality. Pkt., 10 cts.; oz., 15 cts.; 1/2 lb., 40 cts.; lb., $1.25.

Winter Luxury Pumpkin. A very good keeper and a splendid pie Pumpkin; shape round, skin finely netted, and beautiful russet yellow color; flesh thick and of fine flavor. Pkt., 10 cts.; oz., 20 cts.; 1/2 lb., 50 cts.; lb., $1.75.


Large Yellow Mammoth Pot. (King of the Mammoths, Jumbo). Specimens have been grown weighing over 100 pounds. Skin rich dark yellow, flesh lighter shade. Pkt., 10 cts.; oz., 25 cts.; 1/2 lb., 70 cts.; lb., $2.25.


POTATOES

Potatus, Sr.
Kartoffel, Ger.

CULTURE.—Any good well drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean Potatoes. Stable manures had better be applied to the land the year before, while some good complete fertilizer, at the rate up to 1000 pounds per acre, if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each one containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early potatoes, and 18 inches apart for late ones. In some potato-growing sections they always plant in check rows 3 feet apart each way. Cover with small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsene of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.

IMPORTANT.—Potatoes are forwarded by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are forwarded strictly on purchaser’s responsibility.

Dreer’s New Early. (See cut.) An extremely early variety, which matures fully one week ahead of the Bovee. The plants are of dwarf, compact habit in growth. strong and healthy, and it usually produces a large crop of smooth Potatoes, which are roundish in shape, beautiful white skin, very smooth and with but few eyes. The flesh is white and quality fine, cooking very mealy.

Irish Cobbler. One of the first varieties of Potatoes to be ready for use. The skin is creamy white, sometimes netted, which is an indication of good quality; eyes are strong and well developed.

Bovee. Earlier than the Early Rose, and much more productive. The vine is dwarf and of stocky growth, skin pink, and the quality is all that could be desired. Keeps well for an early variety.

Early Rose. Very reliable. Shape long and good size. It cooks mealy and is of good flavor.

Beauty of Hebron. Early and productive. Tubers large, keep well, and are of good flavor.

Rural New Yorker No. 2. A valuable variety of large size; very smooth. It is a great cropper, and keeps well.

State of Maine. Standard variety. Medium early, splendid flavor, cooks dry, is a good keeper and very productive.

Green Mountain. A well known late variety which is suitable for planting in various soils, even producing fair crops on soils which are not in high fertility.

SWEET POTATO PLANTS, SEE PAGE 212
RADISH

One ounce of seed will sow 100 feet of drill

CULTURE.—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing more than 4 inches apart. Sow winter Radishes in July and August. In greenhouse or in a pit, where they will keep tender and crisp all winter.

New Perfection. (See Colored Plate and page 10.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.


New Ruby. (See cut.) This variety does not attain a large size, but is very attractive and quickly forms the root to a condition suitable for eating. The shape is nearly round, and color of skin deep red; flesh white and very crisp and it remains in good condition for a long time. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Cardinal Globe. (See cut.) Those who like the crisp little red Radishes that come so early will be pleased with this variety. The Radishes grow globular in shape, and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore, it is a quick forces, and the quality is fine, being crisp and tender. It is by far the best variety for forcing, and also does well in open ground. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.

Earliest Red May. An exceedingly attractive Radish which makes a remarkably quick growth and is ready for the table in a very short time. The Radishes are of a desirable size and uniform in shape, with small tops and of excellent flavor. This is a splendid variety for growing the earliest Radishes in the kitchen garden and also suitable for forcing under glass. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.


Dreer’s Crimson Ball. A dainty little Radish which is of mild flavor; skin bright red, flesh tinged with red. It forms the root very rapidly and is ready for use in a short time. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

Crimson Giant. Suitable both for forcing or early planting out of doors. In shape it is round to oval, and very attractive. The flesh is mild and tender. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., $2.00.

White-tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. It is a very handsome variety and exceedingly rapid grower. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., $1.75.


Philadelphia White Box. A good turnip-shaped variety which may either be grown in the garden or under glass. Pkt., 10 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., $1.50.
RADISH—Continued

**SUMMER RADISHES**

**Icicle Radish.** (See cut.) Can be used for summer or in forcing frames, and makes radishes measuring from four to five inches long and half to three quarters inch thick. Matures earlier than any other long white radish, and is attractive, being pure white, almost transparent, and very tender. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

**Dreer's White Delicacy.** A very attractive, oblong Radish which is especially adapted for summer growing, as it stands hot weather. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., $2.00.$

**White Strasburg.** Roots oblong; pure white; mild flavor. Can be used while quite small. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., $1.50.$

**Beckert's Chartier.** Long crimson, shaded white. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., $1.50.$

**Long White Vienna, or Lady Finger.** Skin and flesh are pure snow-white; crisp and of rapid growth. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., $1.50.$

**WINTER RADISHES**

**White Chinese, or Celestial.** One of the best winter Radishes; stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor; skin pure white, and Radishes may be used at all stages of growth. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

**Scarlet China.** Bright rose color. Flesh white, crisp and pungent. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

**Round Black Spanish.** Excellent for winter use. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

**Long Black Spanish.** Long in shape, of good flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

**Long White Spanish.** Good flavor and keeps well. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

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**Rhubarb, Fr. RHUBARB**

**Rhubarber, Sr. RHUBARBER, GER.**

One ounce of seed to 125 feet of drill

**Culture.**—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills 1 foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better the stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close together on cellar bottom or under greenhouse bench in the dark.

**Linneas.** Early, large, tender and very fine. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

**Victoria.** Very large, finest cooking variety. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., $1.75.$

For Rhubarb Roots see page 212

**Salsifies, Fr. SALSIFY**

**Oxton Vegetal, Sr. HAFFERNEURD, GER.**

**or VEGETABLE OYSTER**

One ounce for 50 feet of drill

**Culture.**—Used the same as Carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during winter. Succeed best in light, well-enriched mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep; thin to 8 inches in rows.

**Mammoth Sandwich Island.** (See cut.) This variety of Salsify grows to a very large size, and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., $2.00.$

**Long White.** A favorite market variety and fine flavored. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., $2.00.$

**Long Black, or Scorzonera.** Resembles above, but black. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., $1.00$; lb., $5.00.$
**SPINACH**

_Espinaca, Sp._ Spinat, Ger.

**Culture.**—For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the best of summer. Light applications of nitrate of soda have often a magic effect on spinach. **One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.**

**Long Season Spinach.** (See cut.) Sowings of this variety can be made in early spring and followed monthly with further sowings, and the crop will be continuous throughout the entire summer. The leaves are a rich dark green color, very thick, crumpled, and of splendid quality. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 15 cts.; lb., 25 cts.; ½ lb., 40 cts.; lb., 75 cts.


**Prickly-seeded.** The hardest variety; bears medium size leaves and is of good quality. Pkt., 5 cts.; oz., 10 cts.; ½ lb., 30 cts.; lb., 55 cts.

**New Zealand.** Produces tender Spinach even during hot weather and will grow in poor soil. It is especially useful in small gardens. Pkt., 10 cts.; oz., 15 cts.; ½ lb., 40 cts.; lb., 1.25 cts.

**Swiss Chard, or Spinach Beet.** See pages 4 and 17.

**Courge, Fr.**

**SQUASH**

_Calabaza, Sp._ Kuerbis, Ger.

**Giant Summer Crook-neck Squash.** Much larger than the original Summer Crook-neck and more desirable, being as early and of more vigorous growth. The flesh is thick, yellow. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 50 cts.; lb., $1.75.


**Hubbard.** Large size, flesh bright orange, fine grained, dry and good flavor. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.


**Golden Hubbard.** Shape same as Hubbard, but skin is rich orange color. Pkt., 10 cts.; oz., 20 cts.; ½ lb., 60 cts.; lb., $2.00.


**VEGETABLE MARROWS**


CULTURE.—For first early Tomatoes select varieties of the earliest type, and start plants under glass during February. When 2 inches high transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted to open ground without disturbing their roots, and will continue to bloom and set fruit without check. Set these sorts 6 feet apart each way in warm, mellow soil of fair fertility as soon as danger from frozen frost is past. For main crop, the plants can be started somewhat later, in hot bed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. Applications of superphosphate, or some good complete (vegetable) fertilizer will hasten maturity and increase yield. One ounce of seed will produce from 3,000 to 4,000 plants.

Dwarf Stone. (See car. 10 oz. This desirable variety of Tomato was originated by “Livingston,” the Tomato specialist. In habit of vine it resembles Dwarf Champion, but is of stronger growth, and stands more erect. The Tomatoes resemble the original Stone in color, shape, and, what is remarkable for an erect sort, they are practically the same size. The shape is perfect, with good skin, very solid flesh, ripens evenly and is of excellent flavor. Pkt., 10 cts.; oz., 45 cts.; lb., $1.25.

The Stone. Dreer’s selected stock. Fruit very large and deep bright scarlet, smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality. The plants grow vigorously, and are very productive; the Tomatoes are heavy and thick meated, making it an extremely valuable variety for family use and for canning purposes. Pkt., 10 cts.; oz., 35 cts.; lb., $1.00. For Plants, see page 212.

Matchless. A large, bright red Tomato, very solid and meesty, containing but few seeds. The flavor is excellent. Pkt., 10 cts.; oz., 45 cts.; lb., $1.00.

Dreer’s Superb Salad. This variety is distinctly a salad Tomato, as it is just the right size for serving whole with lettuce or for putting up whole in jars. The color is a rich scarlet. Pkt., 10 cts.; oz., 35 cts.; lb., $1.25.

Trophy. A reliable old-time favorite. Fruits are of large size, smooth, solid and excellent flavor. Pkt., 10 cts.; oz., 35 cts.; lb., $1.00.


Bonny Best. An early and productive variety. Fruits are round, somewhat flattened at stem end, and are produced in abundance. The color is scarlet, and it is a good forcing Tomato. Pkt., 10 cts.; oz., 30 cts.; oz., 45 cts.; lb., $1.25. For plants, see page 212.


June Pink. This is really a pink “Spark’s Earliana,” as it resembles that variety in every way except the color, which is pink. Pkt., 10 cts.; oz., 45 cts.; lb., $1.25.

Early Detroit. The vines make a stronger growth than most other early sorts. Medium to large size, nearly round, skin purplish-pink. Pkt., 10 cts.; oz., 45 cts.; lb., $1.25.


Ponderosa. Fruits very large, purplish-pink, solid and continues ripening until frost. Pkt., 10 cts.; oz., 50 cts.; lb., $1.50. For plants, see page 212.


Sorrel

Culture.—Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

TURNIP

One ounce will sow 200 feet of drill, one to two pounds for an acre

Culture.—For early, sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Bagas sow seed in seedbed in spring and transplant to good, warm soil in rows at least two feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

Purple-Top White Globe. (See cut.) Globular shape, handsome and of superior quality, either for the table or stock. A heavy producer, early, and a good keeper. One of the best varieties for table use or feeding stock. Pkt., 10 cents; oz., 15 cents; lb., $1.00.

Red or Purple Top (Strap-Leaf). This strap-leaf variety is good for early spring and fall use; top red or purple above ground, flesh fine grained; mild flavor. Pkt., 10 cents; oz., 15 cents; lb., $1.00.

Early White Flat Dutch (Strap-Leaf). This is an early white fleshed variety, of quick growth, mild flavor. Pkt., 10 cents; oz., 15 cents; lb., $1.00.

Extra Early Purple-Top Milan. Handsome appearance, somewhat flattened, white with purple top, flesh snowy-white. Pkt., 10 cents; oz., 20 cents; lb., 50 cents; lb., $1.50.

Early White Milan. Like above, but pure white. Pkt., 10 cents; oz., 20 cents; lb., 50 cents; lb., $1.50.

Early White Egg. Matures very quickly and is adapted for either spring or fall sowing. Egg-shaped and very smooth. Pkt., 10 cents; oz., 20 cents; lb., 50 cents; lb., $1.50.

Snowball. A fine looking, pure white variety of turnip which matures in from six to seven weeks. Pkt., 10 cents; oz., 20 cents; lb., 50 cents; lb., $1.50.

Long White, or Cow Horn. Grows very quickly, partly above ground, very productive; flesh white, fine grained and sweet; of excellent quality for family use and for stock feeding. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

Yellow Globe (Amber Globe). One of the best of the yellow Turnips for a general crop. It produces a globe shape root, with smooth skin and light yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

Yellow-Aberdeen, Purple Top. Very hardy and productive, good keeper, globe-shaped and fine quality. The Turnips grow to a large size and are valuable for feeding stock. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

Golden Ball Turnip. A rapid grower, of excellent flavor, globe-shaped, medium size, bright yellow color, good keeper and a superior table variety or for use in feeding stock. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

RUTA BAGA

Dreer’s Improved Purple Top. This special strain of the Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size, skin is smooth and flesh a beautiful yellow color and fine grained. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

Budlong’s Improved. White, very sweet; much milder flavor than any of the other sorts; globe-shaped; skin a creamy-yellow. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

American Purple Top. Very hardy and productive. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., $1.00.

Skirvings’ Purple Top. Very productive and good quality. Pkt., 10 cents; oz., 15 cents; lb., 50 cents; lb., 90 cents.

TOBACCO

Tabak, Fr. Tabaco, Sp. Tabak, Ger.

One ounce of good seed is sufficient for an acre

Culture.—Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on stalk. Pkt., 10 cents; oz., 40 cents.

Pennsylvania Seed Leaf. Produces a very large, handsome leaf which is of good quality. Extensively grown in Lancaster county, Pa. Pkt., 10 cents; oz., 40 cents.

Havana. The seed we offer is the best Vuelta Abo, obtained by us direct from Cuba, and is the finest flavored Havana tobacco grown. Pkt., 15 cents; oz., 75 cents.
Prices for larger quantities than one pound are f. o. b. Philadelphia, and subject to market changes

Kentucky Blue Grass, Fancy Cleaned (Poa pratensis). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous lime-stone soils of Kentucky, and is also a favorite in all the Northern States. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture. Lb., 75 cts., postpaid. Bu. (14 lbs.), $7.50; 100 lbs., $35.00.

Canadian Blue Grass (Poa compressa). Thrives well on clay. Grows a foot or more in height and yields a great weight of hay. Sow 60 lbs. per acre. Lb., 65 cts., postpaid. Bu. of 14 lbs., $6.50; 100 lbs., $45.00.

Red-top, or Herds Grass (Agrostis vulgaris). Suitable for meadows, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, 1 1/2 to 3 bushels per acre. Lb., 45 cts., postpaid. Bu. (10 lbs.), $2.25; sack of 50 lbs., $9.50; 100 lbs., $18.00.


Orchard Grass (Dactylis Glomerata). One of the most useful of the pasture grasses; makes a good hay. Sow 3 bushels to the acre. Lb., 50 cts., postpaid. Bu. (14 lbs.), $4.00; 100 lbs., $2.50.


Meadow Fescue (Festuca pratensis). English Blue Grass, or Sweet Grass. Sow 40 lbs. to the acre. Lb., 60 cts., postpaid. Bushel (22 lbs.), $8.00; 100 lbs., $35.00.

Sheep's Fescue (Festuca ovina). Valuable for lawns and sheep's pastures. 40 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (12 lbs.), $5.00; 100 lbs., $40.00.

Fine-leaved Sheep's Fescue (Festuca ovina tenuifolia). Excellent for lawns, etc. 30 lbs. to the acre. Lb., $1.10, postpaid. Bu. (14 lbs.), $12.00; 100 lbs., $80.00.

Hard Fescue (Festuca duriuscula). 30 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (12 lbs.), $5.00; 100 lbs., $40.00.

Red, or Creeping Fescue (Festuca rubra). For sandy soils and Putting Greens. 30 lbs. to the acre. Lb., $1.25, postpaid. Write for price for larger quantity.

Meadow Foxtail (Aloneurus pratensis). 25 lbs. to the acre. Lb., $1.00, postpaid. Bu. (7 lbs.), $5.00; 100 lbs., $70.00.

Crested Dogtail (Cynodon dactylon). Sow 15 lbs. to the acre. Lb., 75 cts., postpaid. Bu. (21 lbs.), $13.00; 100 lbs., $80.00.


Awnless Brome Grass (Bromus inermis). Sow 35 to 40 lbs. to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), $4.50; 100 lbs., $30.00.

Wood Meadow Grass (Poa nemoralis). Sow 30 lbs. to the acre. Lb., $1.25, postpaid. Bu. (14 lbs.), $12.50; 100 lbs., $90.00.


Creeping Bent Grass (Agrostis stolonifera). Excellent for lawns; makes a low velvety growth. 60 lbs. to the acre. Lb., $1.75, postpaid. Write for price for larger quantity.

Sweet Vernal Grass (Anthoxanthum odoratum). Use 2 to 5 lbs. per acre. Lb., $1.25, postpaid. 10 lbs., $10.00.

Timothy (Phleum pratense). Sow 1/2 bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

CLOVER SEED

Red Clover, Medium (Trifolium pratense). Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

Mammoth Red Clover (Trifolium pratense perenne). For plowing under, 10 to 15 lbs. per acre. Write for price.

Alfike or Swedish Clover (Trifolium hybridum). Sow 8 lbs. to the acre when used alone. Write for price.

White Dutch Clover (Trifolium repens). Excellent for lawns. Sow 8 lbs. to the acre alone or 4 lbs. when used with other grasses. 1/2 lb., 50 cts.; lb., 85 cts., postpaid. By express or freight, at purchaser's expense, lbs., 75 cts.; 5 lbs., $3.50; 10 lbs., $6.75; bu. (60 lbs.), $39.00; 100 lbs., $65.00.

Sweet Clover, Bokhara (Melilotus alba). Grown for Bee food and as fertilizer. Sow 20 lbs. to the acre. Lb., 40 cts., postpaid. Write for price per lb.

Japan Clover (Lespedeza striata). Sow 14 lbs. per acre. Lb., 65 cts., postpaid. 14 lbs., $6.00; 100 lbs., $40.00.


Crimson, or Scarlet Clover. Write for price.

Alfaio, or Lucerne (Medicago sativa). Produces 3 to 4 heavy crops of nutritious hay in a season. Lb., 60 cts., postpaid. Write for special leaflet and price per bushel.

DREER'S LAWN GRASS MIXTURES

We make a specialty of Lawn Grass Seeds, and furnish special blends for various conditions. These will be found offered on page 9
FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route.

PRICES OF ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES

YELLOW FIELD CORN
Sow 8 quarts to the acre early in May

Pedrick Perfected Golden Beauty. A strain of Golden Beauty which was obtained by careful selection. In the preparation of this Corn for seed each ear is carefully selected and the end grains discarded, and it is far superior in every way to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is small. The ears are well filled out, even to the extreme end of the cob. By express or freight, at purchaser's expense, peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.

Leaming Gourd Seed. A good early variety which ripens in about 110 days. Stalks make good growth and are very productive; ears good size, cob red, grains medium in size and deep yellow. By express or freight, at purchaser's expense, peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.

Early Yellow Canada. A ninety-day Corn, used in this latitude for replanting. By express or freight, at purchaser's expense, peck (14 lbs.), $1.25; bushel (56 lbs.), $4.50.

Pusey Cloud Yellow Dent. (See cut.) At the Chester County, Pa., Corn Show, Mr. Pusey Cloud, the originator, was awarded the prize for this variety; also prizes at both the National and Pennsylvania Corn Shows. It matures in 100 to 110 days, and has yielded 75 to 100 bushels of shelled Corn to an acre. The ears measure about 10 inches in length; cob is small, and the grains are very deep, closely set on the cob. It is a safe variety to plant anywhere in the same latitude as Philadelphia. By express or freight, at purchaser's expense, peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.

Early Mastodon Dent. An early variety of yellow Dent Corn which is suitable for many sections, as it matures in about 110 days. The stalks grow rapidly and to a good size, producing excellent fodder and an abundant crop of corn. By express or freight, at purchaser's expense, peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.

Early 100-day Bristol. One of the earliest large Dent varieties. It is productive, and ears are a good size with light yellow grains. By express or freight, at purchaser's expense, peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.
Prices of all Farm Seeds are f. o. b. Philadelphia and are subject to market changes

WHITE FIELD CORN
Johnson County White Dent. A prolific variety which produces large ears, well filled at both ends and of good value for feeding stock. The grains are long and set close on the cob, which measures about ten inches in length and contains from 18 to 24 rows of grain, extending to the tip. By express or freight, at purchaser’s expense, per peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.

ENSILAGE CORN
Sow 1 to 1½ bushels to the acre, in rows 3½ feet apart.
Red Cob Ensilage. One of the very best varieties for ensilage and grows well in all sections. It is a pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage, usually making a growth of stalk measuring 12 to 14 feet high. Every dairy farmer should grow this sort; it will produce very large crops. By express or freight, at purchaser’s expense, peck (14 lbs.), $1.10; bushel (56 lbs.), $3.75.
Sweet Fodder Corn. For soiling or ensilage. Some dairy men prefer the sweet fodder corn to the ordinary ensilage varieties, and although it does not make as large a stalk, nor as much foliage, it is highly relished by stock. It does best when sown in drills at the rate of 1½ to 2 bushels to the acre. Write for price.

BARLEY
Sow 1½ to 2 bushels if drilled; 2 to 2½ bushels broadcast.
Manshurey. A productive and reliable variety. The straw is stiff and strong, holding up well and bearing long heads, which are well filled with plump grains. It ripens early and is good for both feeding and malting. Write for price.

BUCKWHEAT
Sow about the middle of June, broadcast, at rate of 1 bushel to the acre, or ½ bushel in drills.
Japanese. Earlier, more prolific and yields nearly double the weight per acre of other sorts. The grains are nearly twice as large as those of Silver Hull and of a much better color. This variety is always in demand and is preferred by the millers, who claim that it makes the best grade of flour. Write for price, stating quantity desired.

OATS
Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow 2½ bushels to the acre.
Storm King. (See cut.) The seed of this variety was originally imported, but has been grown for several years in this country, and is thoroughly acclimated. It makes a strong growth of straw, with large well-filled heads, which have a tendency to be one-sided, and grains are white, large and heavy. “Storm King” has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. By express or freight, at purchaser’s expense, peck (8 lbs.), 90 cents; bushel (32 lbs.), $3.00; 5 bushels or over, $2.90 per bushel.
White Maine. This fine variety is grown with much favor, as it yields extremely large crops. It is suitable to growing in any section, and makes a strong, stiff straw, thus enabling it to stand up well during a season of stormy weather. By express or freight, at purchaser’s expense, peck (8 lbs.), 80 cents; bushel (32 lbs.), $2.75; 5 bushels or over, $2.65 per bushel.
Lincoln. Very early and productive. Good straw with bright grains and a very dependable variety. By express or freight, at purchaser’s expense, peck (8 lbs.), 80 cents; bushel (32 lbs.), $2.75; 5 bushels or over, $2.65 per bushel.
Welcome. A splendid variety for all sections, and a very productive sort. The straw is heavy and stiff and the grains are plump and attractive in appearance. By express or freight, at purchaser’s expense, peck (8 lbs.), 80 cents; bushel (32 lbs.), $2.75; 5 bushels or over, $2.65 per bushel.

SPRING WHEAT
Marquis. An excellent early variety for spring sowing. It is a cross of the Red Fife and Red Calcutta wheats and produces large heads which are heartless and have smooth yellow chaff. It is extremely hardy, matures at an early season and in sections suitable for growing Spring Wheat will prove very satisfactory. Sow 1½ bushels to the acre. Write for price, stating quantity wanted.

SPRING RYE
Used as a catch crop to sow where winter grain has failed, and is grown for grain crop or turning under to improve the soil. Sow 1½ bushels to the acre. Write for price, stating quantity desired.
FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes

BROOM CORN

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep dry soil. Lb., 30 cts.; postpaid. By express or freight, at purchaser's expense, 10 lbs., $1.25; 50 lbs., $5.00.

SUNFLOWER

Mammoth Russian. May be grown to advantage on waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive, as the heads sometimes measure 18 inches in diameter. Plant 5 pounds to acre. Lb., 35 cts., postpaid; by express or freight, at purchaser's expense, 5 lbs., $1.00; 10 lbs., $1.75; 50 lbs., $6.00; 100 lbs., $10.00.

SUDAN GRASS

A new forage plant which is valuable in the middle West and may also be grown in the East. It is an annual related to the sorghums, and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems, and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. Lb., 40 cts. postpaid. By express or freight, at purchaser's expense, 10 lbs., $2.25; 50 lbs., $10.00.

VETCHES

Spring Vetches, or Tares (Vicia Sativa). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 30 cts., postpaid; (bu. 60 lbs.), Write for price.

Winter Vetches, or Tares (Vicia Villosa). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing. Sow 1 bushel of the seed per acre, with 1 bushel of rye. Price per lb., 45 cts., postpaid; (bu. 60 lbs.), write for price and special leaflet.

SOJA BEANS

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and the seeds do not shatter from pods after cutting. In Delaware it matured in 115 days, and the plants held the seed well. Write for price.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. It matures late and is very popular for forage purposes, also productive. Most valuable for growing in the Southern States. Write for price.

RAPE

Dwarf Essex Rape. A valuable forage plant which can be sown in this latitude in April for early crop, or as late as September for fall crop. Sown broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., $1.00; 10 lbs., $1.50; 50 lbs., $6.00.

PEAS FOR FODDER AND GREEN MANURING

Canadian Field Peas. Valuable for Northern climates for cattle-feeding and for green feeding, and is also used in large quantities for feeding pigeons. Sow 1½ bushel per acre with ½ bushel of oats. Write for price.

New Era Cow Peas. An upright-growing variety, which matures quickly and produces a large crop of Peas. The vines are small but cure nicely and make a good forage. Write for price.

Whip-poor-will Cow Peas. An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Write for price.

Clay Cow Peas. A medium late variety, of running habit and strong growth. Write for price.

INOCULATING CULTURES for Vetch, Field Peas, Soja Beans, etc., will be found offered on page 223
FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes

**MILLET**

German, or Golden Millet (*Panicum Germanicum*). (See cut.) A valuable annual hay and fodder crop. Sow 1 bushel to the acre. Bushel (60 lbs.), write for price.

Hungarian Millet (*Panicum Hangariensis*). An annual forage plant, early and productive, growing 2 to 3 feet high. Sow 1 bushel to the acre. Bushel (48 lbs.), write for price.

Egyptian, or East India Pearl Millet (*Pennisetum pratense*). Grows from 8 to 10 feet high. For fodder, sow 5 pounds in drills 3 feet apart, thin out in rows to 1 foot apart. Lb., 40 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., $1.50; 10 lbs., $2.50.

Japanese Barn-yard Millet (*Panicum Cruz-gallil*). An excellent fodder plant; grows 6 to 8 feet high. Sow from middle of May to end of July; if broadcasted use 12 lbs. to acre, or if drilled 8 lbs. to acre. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., $1.50; 50 lbs., $5.00; 100 lbs., $10.00.

**MISCELLANEOUS FARM SEEDS**

Teosinte (Reona Luxurians). (See cut.) Excellent for stock, either green during summer or dry during winter, and more nutritious and better liked than corn fodder by stock of all kinds. Grows well in this latitude, supplying an immense amount of fodder. Sow in May or June, in drills about 4 feet apart, using 3 lbs. of seed per acre. Per oz., 10 cts.; ½ lb., 30 cts.; lb., $1.00, postpaid. By express or freight, at purchaser's expense, 5 lbs. or over, 90 cts. per lb.

Speltz, or Emmers. A combination of wheat, oats and barley, and is excellent for tallowing cattle, poultry, horses, sheep, pigs, etc. Makes a heavy yield of grain and hay; excellent pasture, and may be fed green. Sow 70 to 80 pounds per acre. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., $1.25; 50 lbs., $5.00; 100 lbs., $8.00.

**BIRD SEEDS**

Our bird seeds are all carefully selected and re-cleaned. Prices subject to market changes. All Bird Seeds are sent by express or freight, at purchaser's expense.

<table>
<thead>
<tr>
<th>Seed</th>
<th>10 Lbs.</th>
<th>50 Lbs.</th>
<th>100 Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Bird Seed</td>
<td>$1.50</td>
<td>$5.00</td>
<td>$7.00</td>
</tr>
<tr>
<td>Canary</td>
<td>1.50</td>
<td>5.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Rape, for feeding</td>
<td>1.75</td>
<td>6.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Hemp</td>
<td>1.50</td>
<td>5.00</td>
<td>7.00</td>
</tr>
<tr>
<td>Sunflower</td>
<td>1.75</td>
<td>6.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Bird Millet</td>
<td>1.75</td>
<td>6.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Lettuce</td>
<td>0.30</td>
<td>3.00</td>
<td></td>
</tr>
</tbody>
</table>

Sorghum, or Early Amber Sugar-cane. This is the Sorghum of the Northern States, and makes the best quality syrup. It is the earliest and most productive variety and is also excellent for forage, as stock of all kinds like it, and may be cut two or three times, stooling out thicker after each cutting. Height, 10 to 12 feet. Sow 5 lbs. in drills, or 75 lbs. broadcast to acre. Lb., 30 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., 75 cts.; 50 lbs., $6.00.

Johnson Grass, or Sorghum Halepense. A Southern fodder plant which grows to a height of 30 inches. Per lb., 50 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., $1.75; 10 lbs., $3.25; 50 lbs., $15.00.

Yellow Milo Maize. This crop is grown like corn, and may be cut several times for green forage; also used for ensilage, or cured like sorghum. Use 4 to 5 lbs. per acre. Grows to a height of 8 to 10 feet. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., $1.00; 50 lbs., $4.00.

Kaffir Corn (Red). Good forage. Use 4 to 5 lbs. per acre. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., 60 cts.; 10 lbs., $1.00; 50 lbs., $4.00.

Teosinte, a Wonderful Fodder Plant
We give close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American Seedsmen. Our constant aim is to secure the very best strains obtainable, and spare no pains or expense with this object in view. Our strains of Asters, Carnations, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

Success with Flower Seeds

We are convinced that many of the failures with flower seeds are due to lack of proper conditions, and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given below are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbena, etc., the best plan is to sow in earthenware seed pans or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each of sand, leaf mould and light garden loam. Press firmly and evenly and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass and one or two thicknesses of newspaper to prevent the too rapid evaporation of the moisture and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering, as soon as the seeds have germinated, and when the seedlings are large enough to handle, they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air, otherwise the young seedlings are liable to “damp off.”

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbena, Celosia, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

We will be pleased to send our customers on request a leaflet containing the following valuable cultural hints:

How to Grow Annuals, by Prof. L. H. Bailey.

How to Grow Perennials from Seed, written expressly for us by Wm. Falconer, of Pittsburgh.

The full worth of their money to all is the broad principle in which we always deal, and we refer to our reputation as evidence that we live up to the precept. (51)
NOVELTIES AND SPECIALTIES IN

Flower Seeds for 1922

The majority of the Flower Seed Novelties and Specialties offered on this and the following ten pages have been thoroughly tested in our trial grounds. Others have been received from most reliable growers, and the descriptions are those of the introducers.

For General List of Flower Seeds see pages 63 to 118

**ALYSSUM LILAC QUEEN**

1100 By careful selection this has been greatly improved, and the stock we now offer has been saved from plants that were a deep lavender lilac, a really pretty color, either alone or in conjunction with the white sorts. It is of dwarf compact habit. 10 cts. per pkt.; 30 cts. per ½ oz.

**ANTIRRHINUM (Snapdragon)**

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large flowering, tall-growing, or giant, and the equally large-flowered half-dwarf variety. In our trials seed sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

**Large-flowering Half-Dwarf Varieties.** A splendid type, growing about 18 inches high, the best for bedding purposes:

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1162 Daphne</td>
<td>10</td>
</tr>
<tr>
<td>1163 Defiance</td>
<td>10</td>
</tr>
<tr>
<td>1164 Golden Queen</td>
<td>10</td>
</tr>
<tr>
<td>1165 Firebrand</td>
<td>10</td>
</tr>
<tr>
<td>1166 Rose Queen</td>
<td>10</td>
</tr>
<tr>
<td>1167 Mont Blanc</td>
<td>10</td>
</tr>
<tr>
<td>1168 Collection of the above 6 sorts</td>
<td>50</td>
</tr>
</tbody>
</table>

**Giant Varieties.** Of tall growth, very large individual flowers:

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1171 Scarlet</td>
<td>10</td>
</tr>
<tr>
<td>1172 White</td>
<td>10</td>
</tr>
<tr>
<td>1173 Yellow</td>
<td>10</td>
</tr>
<tr>
<td>1179 Collection of a packet each of the above 6 colors</td>
<td>50</td>
</tr>
<tr>
<td>1180 Giant Mixed</td>
<td>10</td>
</tr>
</tbody>
</table>

**ANTIRRHINUM LARGE-FLOWERING HALF DWARF, THE FAWN**

1165 It is a real pleasure to be able to add this beautiful variety to our list of Snapdragons. The compact, bushy plants, about 18 inches high, are covered with spikes of the unusually large flowers, which are a soft amber-yellow heavily overlaid with Chamois-rose, producing a rose and gold effect that is truly beautiful, either in the garden or when cut. 15 cts. per pkt.; 2 pkts., 25 cts.

**Dreer's Long-Spurred Hybrid Aquilegias, or Columbines**

1205** Long-spurred Pink Hybrids.** To supply the insistent demand for the pink shade of the long-spurred Columbines we arranged with two of our growers to save us seed from selected plants, and are again able to offer the same in stock that should produce splendid results. 25 cts. per pkt.; 5 pkts. for $1.00.

1206 **Mixed Long-spurred Hybrids.** This is the most admired type of Columbine. They have been produced from the strains of several famous hybridizers, including Mrs. Scott-Elliott, and are much superior to the usual grade. The plants are of strong, thrifty growth, and perfectly hardy. The long-spurred flowers of large size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. 15 cts. per pkt.; 2 pkts., 25 cts.
Dreer's Six Famous American Asters

While we offer this season over sixty distinct varieties and colors of American Asters, all of which have been grown under our personal supervision, and which cannot be excelled for quality, we have again selected the following six sorts to offer as a collection, which embraces several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size and general excellence, give entire satisfaction to the most critical growers of this popular flower.

1281 Crego's Giant White. We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type.

1282 Crego's Giant Pink. Identical in every way to the white offered and described above, except in color, which is a beautiful soft shell-pink.

1305 Dreer's Crimson Giant. A late-branching variety of upright growth, with extra large, densely double flowers of rich blood-crimson; makes a brilliant border, and is splendid for cutting.

1346 Rose King. A very distinct and desirable sort, with large, handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting with commercial florists, lasting in perfect condition for a long time.

1393 Dreer's Peerless Pink. This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length, and it is hard to find a flower under 4 inches across, and many measure 5 inches by 2½ in depth, forming an almost globular flower. The color is a rich shell-pink, and comes into bloom about the middle of August, being its best during the early part of September, and continuing in good condition well into October. (See cut.)

1347 Violet King. Similar in habit and time of flowering to our superb late-branching sorts, and of the same strong, free-branching growth, with very double, slightly quilled flowers of a pleasing soft shade of violet.


1338 Collection of a packet each of Dreer's Six Famous American Asters, 65 cts.

SPECIALTIES IN ASTERS
Are continued on page 54
BEAUTY ASTERS

This recently developed type is a most valuable introduction on account of its late flowering, coming into bloom fully two weeks later than our Superb Late Branching, and furnishing high grade cut flowers from early October until killing frost in November. The plants are unusually vigorous, from 2½ to 3 feet high. The perfectly double flowers, 4 to 5 inches across, are borne on extra long stems, and are similar in form to our Superb Late Branching. We offer four beautiful colors:

1271 **American Beauty.** A bright cherry-rose, similar in color to the famous American Beauty Rose.

1272 **Lavender Beauty.** A lovely clear soft lavender.

1273 **Purple Beauty.** A rich lustrous deep purple.

1274 **September Beauty.** A beautiful and justly popular tone of delicate shell-pink.

**Price.** Any of the above, 15 cts. per packet; a packet each of the four colors for 50 cts.

TWO BRILLIANT RED ASTERS

1352 **Heart of France.** This recent introduction is the largest flowering of the very dark-red sorts; plants attain a height of about 24 inches, nicely branched, bearing from September to the close of the season their large, rich, deep ruby-red flowers on long strong stems. 15 cts. per pkt.; 2 pkts., 25 cts.

1442 **Sensation.** This is the reddest of all red Asters, the color being a rich garnet or oxblood-red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 2½ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

Dreer’s Superb Late-Branching Asters

This superb strain, of American origin, and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stock seed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, which is nicely shown in the illustration, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and filling in the gap between the general run of Asters and Chrysanthemums, and if only one variety of Aster is wanted, we recommend this type as the most likely to give the greatest satisfaction. We offer eight beautiful and distinct colors, as under:

**Per Packet**

<table>
<thead>
<tr>
<th>Color</th>
<th>Per Packet</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Azure-blue.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Deep Crimson.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Deep Rose.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Pale Lavender.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Deep Purple.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Rose Pink.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Shell-Pink.</strong></td>
<td>60 cts. 10</td>
</tr>
<tr>
<td><strong>Pure White.</strong></td>
<td>60 cts. 10</td>
</tr>
</tbody>
</table>

**Collection.** containing a package each of the above 8 colors, 60 cts.

1470 **Finest Mixed.** All the colors mixed. 10 cts. per pkt.; 50 cts. per ¼ oz.
KING CALENDULAS

While all of the Calendulas offered on page 73 are distinct and splendid varieties and well worth growing, the three sorts here offered produce flowers of supreme quality and size, and should be in every garden, being equally as desirable for garden decoration as for cutting.

1682 Orange King. An extra fine strain of this splendid double rich orange-red variety, producing flowers over 3 inches in diameter. 5 cts. per pkt.; 40 cts. per oz.

1686 Lemon King. Identical in every way to the preceding, except in color, which is a rich lemon-yellow. 5 cts. per pkt.; 40 cts. per oz.

1684 Golden King. Rich golden-yellow flowers of large size, and borne on long, strong stems, making it of special value for cutting. 5 cts. per pkt.; 40 cts. per oz.

Giant Hyacinth-Flowered or Improved Empress Candytuft

1753 A wonderfully improved strain of the popular Empress Candytuft, forming much branched plants about 18 inches high, each branch terminated by an immense spike of very large individual pure white flowers. Makes a very effective white bed or border, and is invaluable for cutting. 10 cts. per pkt.; 35 cts. per ¼ oz.; 60 cts. per oz.

CHINESE WOOLFLOWER

(Celosia Childsi)

This is a unique form of the feathered Cockscomb, growing 2 to 3 feet high, by as much through, each branch terminated with a large head of flowers that look as if made out of some silky wool material, and which is nicely shown in our illustration. Not only effective in beds or borders, but highly interesting and valuable for cutting, as they can be dried, and retain their bright color for weeks. We offer two colors:

1865 Crimson. Very rich color.
1864 Pink. A pretty shade of salmon-pink.

Price of either, 15 cts. per pkt.; 2 pkts. for 25 cts.

THE CARDINAL CLIMBER

(Ipomoea Quamoclit Hybrida)

2158 We named and introduced this glorious and absolutely distinct annual climber in 1912, and it is now generally considered the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and literally covered with a blaze of circular cardinal-red flowers from mid-summer till frost. The flowers, about ½ inches in diameter, are borne in clusters of 5 to 7 each. Like other Ipomeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April, in a temperature of not less than 70 degrees, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. Packets containing about 25 seeds each, 15 cts.; 2 pkts., 25 cts.
Dreer's Improved Large-Flowering Salpiglossis
(PAINTED TONGUE)
Illustrated in colors on the plate opposite.

These are one of the very finest annuals, and we hope the prominence which is given them this season will result in their being more generally grown. They are of the easiest culture, succeeding in any good ordinary soil and in a sunny position. The plants grow from 24 to 30 inches high, and produce freely from mid-summer until frost their attractive Gloxinia-like blossoms in a very large and unusual range of colors, six of which are nicely shown on the color plate opposite. They are splendid for cutting; lasting well. Seed may be started indoors or in a hot-bed about the end of March, or sown outdoors when danger from frost is passed and the ground is in good condition. For best results the plants should not be set closer than 12 inches apart.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
<th>oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimson</td>
<td>60</td>
<td>10</td>
</tr>
<tr>
<td>Primrose</td>
<td>60</td>
<td>10</td>
</tr>
<tr>
<td>Purple and Gold</td>
<td>60</td>
<td>10</td>
</tr>
<tr>
<td>Collection</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Finest Mixed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**New Double-flowering Cosmos**

Some years since a few individual plants of Cosmos showed evidence of producing double flowers, but it has taken a great deal of care and patience to perfect the strain now offered. The flowers vary considerably in their degree of doubleness, as shown in our illustration, some being absolutely double, while others have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form. The plants have somewhat heavier, less cut foliage than the regular single-flowering type, so that the fact that they will produce double flowers can be determined when the seedlings are quite small.

- **2081 Double Crimson.** Rich rosy-crimson. 20 cts. per pkt.
- **2082 Double Pink.** A very pretty rosy-pink. 20 cts. per pkt.
- **2084 Double White.** Pure glistening white. 20 cts. per pkt.

A packet of each color for 50 cts.
Large-flowering SALPIGLOSSIS (Painted Tongue)
Improved Large-flowering ANNUAL SCABIOSAS
Mourning Bride, Sweet Scabious or Pincushion Flower
Dreer’s Improved Large-Flowering Scabiosas
(Sweet Scabious, Mourning Bride or Pin-cushion Flower)
Illustrated in Colors on the plate opposite

While many gardens have yearly a bed or border of Scabiosas, there are thousands of gardens where they are unknown and it is to bring them prominently to the notice of such, that we illustrate them in colors this season. They are annuals of the easiest culture. Seed can be sown any time in the spring after danger from frost is passed. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems and when cut keep in perfect condition for the best part of a week. They make effective borders or beds and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer the following six beautiful and distinct colors as shown on the plate opposite as under:

<table>
<thead>
<tr>
<th>Color</th>
<th>Per 1/4 oz.</th>
<th>Per pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azure Fairy</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>Crimson</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>Flesh Pink</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>Collection of 6 colors</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Finest Mixed</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

THREE SPLENDID DELPHINIUMS OR HARDY LARKSPURS

The Hardy Larkspurs are now a prominent feature in almost every garden, and the three sorts offered below are perhaps the best and most valuable of the genus.

2218 Belladonna. This is the freest and most continuous blooming of all, and the clear light turquoise-blue of the flowers is not equalled for delicacy and beauty. 25 cts. per pkt.; 5 pkts., $1.00.

2221 Bellamomum. Identical in habit of growth and free and continuous blooming qualities with the above, but of an intense rich deep blue color. 25 cts. per pkt.

2240 Dreer’s Gold Medal Hybrids. This is one of our most important specialties, and is unquestionably the finest strain of mixed Hybrid Hardy Larkspurs ever offered. The original stock came from England and consisted of the best named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. 15 cts. per pkt.; 50 cts. per 1 oz.

NEW CALIFORNIA POPPIES (Eschscholtzia)

The varieties of Eschscholtzia which we offer on page 87 are among the most popular summer flowering annuals, and the new kinds here offered account of their rich and brilliant colorings are entitled to a prominent place among our list of specialties.

2431 Geisha. The prettily fluted or ruffled petals are a bright glistening scarlet on the outside, while the inside is rich golden orange, a most brilliant Oriental color combination. 15 cts. per pkt.; 2 pkts., 25 cts.

2432 Purple Glow. In this novelty we have an entirely new color in California Poppies—a bright reddish purple and the darkest shade yet obtained in this lovely annual. 20 cts. per pkt.; 3 pkts., 50 cts.

2439 Scarlet Beauty. Another new and striking color—a vivid deep even scarlet throughout,—the erect bushy plants appearing like a bed of Scarlet Tulips. 20 cts. per pkt. 3 pkts., 50 cts.

2457 New Hybrid Mixed. This mixture has been saved from a number of new sorts of wonderful colorings, including wallflower-red, old gold, fire-red, chestnut, cream and many other rich and unusual tones. 15 cts. per pkt.; 2 pkts., 25 cts.

A packet each of the above four new California Poppies for 50 cts.

DOUBLE-FLOWERING BABY’S BREATH (Gypsophila paniculata fl. pl.)

2695 One of the most important hardy perennials of recent introduction. The plant grows from 3 to 3½ feet high, bearing its pretty little double white flowers in much-branched panicles which, when cut, can be used to great advantage with other flowers or by themselves, as they retain their beauty for months. It is also a most desirable addition to the hardy border. 20 cts. per pkt.; 3 pkts., 50 cts.
TWO MAGNIFICENT AFRICAN MARIGOLDS

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large-flowering African type, and grow almost 2½ feet high, bearing in continuous succession from early summer till hard frost large and perfectly double flowers.

3084 Orange Prince. Flowers very large, of a deep golden orange. 15 cts. per pkt.; 50 cts. per ½ oz.

3085 Lemon Queen. Immense double flowers, in color a soft lemon yellow, making a fine contrast to the rich orange of the preceding. 15 cts. per pkt.; 50 cts. per ½ oz.

One packet each of the above for 25 cts.

THREE “BALCONY” PETUNIAS

A splendid free-flowering type of Single Petunias, growing about 12 inches high, with flowers averaging 3 inches across; of special value for window or porch boxes and vases, but equally as effective in beds or borders. We offer three distinct and desirable colors.


3556 Balcony Rose. A very effective brilliant rose-pink.

3557 Balcony White. A splendid pure white.

Price. Any of the above, 20 cts. per pkt. A packet of each color for 50 cts.

Invincible Giant Polyanthus

3677 A magnificent strain of this perfectly hardy and easily grown spring-flowering Primrose, representing the work of twenty-five years of painstaking cross-breeding and selection by a Scotch specialist. Of strong, sturdy habit, and bearing immense trusses of large flowers on self-supporting stems 10 to 16 inches in length.

Double Salmon Helichrysum

2727 One of the prettiest and most effective colors, a lovely rosy-salmon, in this popular Everlasting or Strawflower, and which holds its bright color nicely when cut and dried for use in winter bouquets. 10 cts. per pkt.; 30 cts. per ½ oz.

New Annual Larkspur Exquisite

2936 A new and much wanted color in the splendid Double Stock-flowered type and similar in all respects to the others offered on page 94, but of a soft yet bright rose color that makes a charming and effective bunch when cut and equally as effective in the garden. 15 cts. per pkt.; 2 pkt., 25 cts.

Two Effective Bedding Double Dwarf French Marigolds

Few annuals are so easy to grow or make so effective a bed or border as the Double Dwarf French Marigolds, and the two sorts here offered are especially desirable, forming symmetrical globular plants not over 6 inches high and covered with their good-sized brilliant blossoms from early summer to late autumn.

3093 Golden Ball. Rich golden yellow. 10 cts. per pkt.; 40 cts. per ½ oz.

3094 Lemon Ball. Densely double, light lemon yellow. 10 cts. per pkt.; 40 cts. per ½ oz.
NEW SHIRLEY POPPY
WILD ROSE PINK
3995 This beautiful variety is a selection out of the Shirley Poppy, and
which comes almost one hundred per cent. true from seed; in color a
uniform bright but soft Wild Rose pink, a color that appeals to
everyone and which makes a charming bed, and of special value
for cutting. 15 cts. per pkt.; 50 cts. per ½ oz.; $1.50 per oz.

NEW HYBRID ICELAND POPPY
3738 This beautiful strain of these charming hardy Poppies is being
improved every year, and the stock which we offer this season
will be found much finer than heretofore, containing a great
number of lovely new shades of color. 15 cts. per pkt.; 2
pkts., 25 cts.

NEW SCARLET SAGE AMERICA
3996 We have in the last few years tested over a score of varieties of
Scarlet Sage, and believed that the 100 covered the most desirable.
In this new variety, which was grown at our own Nursery, and
which was easily the most brilliant of color among the acres
of flowers grown there, we have what is undoubtedly the earliest,
finest and most continuous bloomer of all, and, what is still more
important, the most uniform in habit of growth; the bushy plants do not
grow over 15 inches high, with the spikes of brilliant scarlet flowers
thrown well above the plant, making a total height of about 2 feet,
and in the lines, several hundred feet in length, there was not a va-
riation of an inch in the height of any plant; the importance of this
uniformity will be appreciated by those who use Scarlet Sage for beds
or borders. 25 cts. per pkt.; 5
pkts., $1.00.

Two Brilliant Sweet Williams
4282 Newport Pink. A distinct new color in this favorite hardy plant
which originated in one of the far-famed gardens at Newport, R. I.
In color it is what florists call watermelon-pink or salmony rose.
For midseason mass bedding it has no equal. Perfectly hardy.

4281 Scarlet Beauty. A splendid companion to the above. The
color is an intense rich, deep scarlet, and a most effective plant for
the old-fashioned hardy border, where this shade is very un-
common.

Either of the above, 15 cts. per pkt. A packet of each for 25 cts.

NEW MAMMOTH VERBENA
"LUCIFER"
4357 A most valuable addition to the range of colors in this important
bedding plant, being an even, intense deep cardinal-scarlet through-
out; it is identical to our other Mammoth Verbenas in size of
bloom, floriferousness and other good qualities. As a brilliant bed
or border we feel sure this will be most satisfactory. 25 cts. per
pkt.; 5 pkts., $1.00.
Twelve Superb Newer Orchid-Flowered Sweet Peas

We consider this the finest collection of newer sorts ever brought together; each one has been a prominent prize winner at various exhibitions during the past two seasons, and will soon take their place in up-to-date permanent lists.

4061 Alexander Malcolm. This is considered one of the finest of the newer varieties, in color a glowing scarlet cerise. Very effective. 10 cts. per pkt.; 75 cts. per oz.

4064 Austin Frederick. A lovely soft lavender, flowers of giant size and perfect form, nicely waved.

4084 Constance Hinton. The most important introduction in years of strong, vigorous growth, with enormous wavy white flowers, frequently 2½ inches across, which are borne on sprays of fours, and often fives, on long, strong stems. This variety is black seeded, which means that it is easy to germinate.

4121 Golden Glory. A wonderful glowing orange self, with flowers of largest size and beautifully waved. 10 cts. per pkt.; 75 cts. per oz.

4124 Hawmark Pink. Quite distinct from any other pink variety, the general effect being rose-pink suffused with salmon, one of the best of recent introductions. 10 cts. per pkt.; 75 cts. per oz.

4138 Ivorine. A pretty and dainty variety; ground color cream, suffused with buff-pink.

4157 Mrs. J. Balmer. A charming variety of attractive coloring, being a rich cream ground, daintily edged with bright rose pink.

4153 Mrs. Arnold Hitchcock. A lovely and dainty variety of pale pink on a cream ground overlaid with a salmony flush; flowers of largest size. 10 cts. per pkt.; 75 cts. per oz.

4158 Mrs. Tom Jones. This is destined to become the leading bright blue variety. Color a clear Larkspur blue; flowers extra large, usually four to a spray, and undoubtedly the finest blue yet introduced. 10 cts. per pkt.; 75 cts. per oz.

4172 Old Rose. A new and very distinct color, a lovely shade of old rose, that is always popular. Flowers of enormous size. 10 cts. per pkt.; 75 cts. per oz.


4221 Warrior. Enormous flowers of a rich reddish bronze maroon, the finest of this color yet introduced. Price Any of the above, except where noted, 10 cts. per pkt.; 60 cts. per oz.

4229 Collection of a packet of each of the above 12 Newer Sorts, $1.00.

4227 Collection of one ounce each of the above 12 Newer Sorts, $6.00.

NEW EARLY-FLOWERING SPENCER SWEET PEAS

As the result of the great attention which the Early Orchid-flowering Sweet Peas are receiving from the leading hybridizers who appreciate fully their value as a commercial cut flower for growing under glass as well as their value to the amateur for outdoor culture, all of the leading colors are already represented in this class, of which the five varieties offered below are among the latest and best introductions. These, together with the twelve distinct older varieties offered on page 112, make up what is undoubtedly a splendid and comprehensive collection.

4257 Early Fair Laid. The best blush-pink early variety. Identical in color to the popular Elfrida Pearson.

4259 Early Glitters. This sensational early variety produces early and freely; flowers of enormous size, of a glittering, fiery orange that is dazzling by day and equally so under artificial light. A strong vigorous grower.

4262 Early Irene. This promises to become the leading soft lavender Early Sweet Pea. It is similar in color to the beautiful late flowering variety Florence Nightingale, which injures its instant popularity.

4265 Early Madonna. This splendid new sort might briefly be described as an early-flowering Constance Hinton, the best of all white Sweet Peas and like that variety, is black-seeded, insure free germination and strong growth. For purity of color, size of bloom, and freedom of flowering, it is unequalled.

4268 Early Rose Charm. This new introduction is to the early-flowering type what Rosabelle is to the late varieties, a very large flowering and beautifully waved bright rose, and which unlike many rose colored varieties, holds its color through the season.

Price. Any of the above New Early Orchid varieties, 20 cts. per pkt.; $1.50 per oz.

4278 Collection containing a packet each of the above 5 varieties, 75 cts.
Dreer’s Twelve “Incomparable”

**ORCHID-FLOWERED SWEET PEAS**

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season thirty-seven of what we consider the very choicest and most distinct varieties, and while we fully recommend all of the sorts described and offered on page 112, as well as the newer kinds on the opposite page, yet most of our customers only wish a limited number of sorts, but want these to be the very best, and it is with this in mind that we offer this collection of Twelve Incomparable sorts described below, each one of which is a leader in its respective color, and which is sure to give entire satisfaction.

4074 **Blanche Ferry Spencer.** This is an extra fine, large wavy-flowered stock of the popular pink and white Blanche Ferry. A good strong grower and very free-flowering.

4095 **Dobbie’s Cream.** An extra selected strain and the finest primrose-yellow yet introduced; splendid in every way with very large, wavy flowers.

4108 **Elfrida Pearson.** This is by far the largest and finest light pink variety. Flowers of enormous size and very wavy; a strong, vigorous grower, bearing its giant flowers on long, strong stems.

4114 **Fiery Cross.** The sensational fiery-red or perhaps brilliant orange cerise would be a closer description.

4117 **Florence Nightingale.** Nothing yet introduced in lavender Sweet Peas excels this beautiful sort, and it is one of the most popular.

4127 **Hercules.** Almost identical in color to Countess Spencer, a lively rose pink, but larger in size, a strong, vigorous grower, and very free flowering.

4147 **King White.** The largest, finest and purest white seeded variety.

4151 **Margaret Atlee.** The leading experts are unanimous in declaring this to be the finest rich pink Sweet Pea, the color being a rich apricot-pink on a cream ground. The “Spencer Supreme,” a very strong grower.

4198 **Royal Purple.** The rich royal purple color of this beautiful variety always attracts great attention. One of the most distinct.

4202 **Scarlet Emperor.** A most brilliant, rich deep scarlet of large size and beautifully waved; extra fine.

4212 **The President.** A brilliant and rich dazzling orange-scarlet, flowers of largest size and nicely waved.

4222 **Wedgwood.** Very appropriately named, being a beautiful Wedgwood or silvery-blue; flowers of large size and fine form.

**Price.** Any of the above “Incomparable” varieties, 10 cts. per pkt.; 50 cts. per oz; $1.50 per lb.

4218 **Collection** of a packet each of the 12 “Incomparable” sorts, 85 cts.

4219 **Collection** of 1 ounce each of the 12 “Incomparable” sorts, $4.50.

**Dreer’s Orchid-flowered Sweet Peas in Mixture**

4230 The greatest care has been exercised in blending this superb mixture. It has been made out of the finest named sorts, insuring a well balanced range of desirable colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per packet; 25 cts. per oz.; 75 cts. per lb; $2.50 per lb.

*For General Collection of Orchid-flowered and Grandiflora Sweet Peas see pages 111 and 112*
New Double Dahlia-Flowered Zinnia

4480 This grand new type of Zinnia has been thoroughly tried and is already popular with those who demand a large-flowering strain of high quality. The plants are of strong, vigorous habit, fully 3 feet high, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the double Decorative Dahlias, and which is nicely shown in our illustration. The range of colors not only includes the usual shades, but many unusual tones, such as salmon, old rose, cerise, strawberry-red, etc., and as the result of continued careful selection, the size, form and colorings have again been improved the past season. We offer a splendid mixture. 20 cts. per pkt.; 3 pkts. for 50 cts.

Zinnia Improved Large-flowering Dwarf Double Salmon-rose

4446 This splendid, brilliant salmon-rose bedding variety has been on the market for several years, but the supply of seed has never been equal to the demand; we are again fortunate in having a good crop this season of extra select stock. 10 cts. per pkt.; 40 cts. per ¼ oz.

Dreer’s Special Strain Giant Double Zinnias

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 21 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc., grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

<table>
<thead>
<tr>
<th>Variety</th>
<th>¼ oz. per pkt.</th>
<th>½ oz. per pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Golden Yellow</td>
<td>50 cts.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Scarlet</td>
<td>50 cts.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>White</td>
<td>50 cts.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Flesh-color</td>
<td>50 cts.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Primrose Yellow</td>
<td>50 cts.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Crimson</td>
<td>50 cts.</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Collection</td>
<td>75 cts.</td>
<td></td>
</tr>
</tbody>
</table>

4520 Giant Mixed. All colors, 15 cts. per pkt.; 40 cts. per ¼ oz.; $1.25 per oz.

GIANT DOUBLE SALMON ZINNIA

4517 We have been fortunate in receiving a limited supply of this beautiful color in the Giant Double-Flowering class which is nearly as brilliant as the popular Dwarf Double Salmon-rose offered on this page. 20 cts. per pkt.; 3 pkts. for 50 cts.
GENERAL LIST OF
DREER’S RELIABLE FLOWER SEEDS
For Novelties and Specialties see pages 52 to 62

For the convenience of our customers, and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the Catalogue, viz.: 1 pkt. $1.00, 10 cts.; 3 pkts. $1.01, 30 cts., means one packet Acorclinium, double mixed, 10 cts.; 3 pkts. Ageratum, Blue Perfection, 30 cts.

All Flower Seeds are sent postpaid at prices given.

COLLECTIONS OF FLOWER SEEDS
The following collections are made up of the best and easiest grown sorts, and are sure to give satisfactory returns:

<table>
<thead>
<tr>
<th>Collection</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1134 Summer Flowering Annuals.</td>
<td>22 sorts, our selection, $0.50</td>
</tr>
<tr>
<td>1135</td>
<td>25 sorts, our selection, 1.00</td>
</tr>
<tr>
<td>1136 Old-fashioned Annuals.</td>
<td>12 sorts, our selection, 0.50</td>
</tr>
<tr>
<td>1133 Annuals for Cutting.</td>
<td>12 sorts, our selection, 0.50</td>
</tr>
<tr>
<td>3549 Old-fashioned Hardy Perennials.</td>
<td>12 sorts, our selection, 0.50</td>
</tr>
<tr>
<td>2019 Quick-growing Annual Climbers.</td>
<td>12 sorts, our selection, 0.50</td>
</tr>
<tr>
<td>2409 Everlastings.</td>
<td>Containing eight distinct and desirable kinds, 50</td>
</tr>
</tbody>
</table>

Collections of Asters, Balsams, Dianthus, Marigolds, etc., are offered under their respective heads throughout the list.

ABUTILON (Flowering Maple)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price/pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1010 Fine Mixed.</td>
<td>Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors any time before April, they will produce plants that will flower outdoors the first season and indoors all winter. Mixed Colors.</td>
<td>25</td>
</tr>
</tbody>
</table>

ACHILLEA (Milfoil, or Yarrow)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price/pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1021 Ptarmica “The Pearl.”</td>
<td>One of the best hardy white perennials. Grows about 2 feet high, and from spring to frost is covered with heads of purest white double flowers. Easily grown from seed, flowering the first season, if sown early.</td>
<td>25</td>
</tr>
<tr>
<td>1024 Millefolium Roseum (Rosy Milfoil).</td>
<td>Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer.</td>
<td>15</td>
</tr>
</tbody>
</table>

ACONITUM (Monk’s Hood, or Wolfshane)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price/pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1031 Napellus.</td>
<td>A hardy perennial, growing in any good garden soil, producing long spikes of curiously-shaped blue and white flowers. Well adapted for planting among shrubbery or in shady corners of the garden; 3 to 5 feet.</td>
<td>10</td>
</tr>
</tbody>
</table>

ACROCLINUM

A pretty annual “Everlasting,” growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. (See cut.)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price/pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1040 Double Mixed.</td>
<td>½ oz., 30 cts.</td>
<td>10</td>
</tr>
<tr>
<td>1050 Single Mixed.</td>
<td>½ oz., 20 cts.</td>
<td>5</td>
</tr>
</tbody>
</table>

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. (See cut.)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price/pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1071 Blue Perfection.</td>
<td>This is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; 6 inches.</td>
<td>10</td>
</tr>
<tr>
<td>1076 Little Blue Star.</td>
<td>A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers, a fine variety for edging.</td>
<td>25</td>
</tr>
<tr>
<td>1078 Princeps.</td>
<td>A beautiful variety of compact, even growth; the flowers are sky-blue with white centre, the contrast being really exquisite.</td>
<td>10</td>
</tr>
<tr>
<td>1074 Imperial Dwarf Blue.</td>
<td>Clear blue; 8 inches.</td>
<td>5</td>
</tr>
<tr>
<td>1075 Imperial Dwarf White.</td>
<td>8 inches ½ oz., 25 cts.</td>
<td>5</td>
</tr>
</tbody>
</table>

If unable to find what you want, refer to the Index, page 2

(68)
ADLUMIA
(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

1051 Cirrhosa. A graceful, hardy biennial climber, but as it reseeds itself after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed.............. 15

AGROSTEMMA (Rose of Heaven, Mullein Pink)

1090 Coronaria. An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery-white foliage; blooms the first season; fine for cutting; 2 feet. 1 oz., 20 cts. .......................... 5
1091 — Alba. A pure white variety. ......................... 10

AMARANTHUS
Brilliant foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centre of large beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

1111 Caudatus (Love Lies Bleeding). Blood red; drooping. 5
1116 Cruentus (Prince's Feather). Dark red feathery flowers. 5
1113 Sunrise. The most brilliant of this brilliant family. The foliage is bronzy-crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used with fine effect in many of the public parks. 2 pkts., 25 cts. .......................... 15

1114 Tricolor (Joseph's Coat). Leaves red, yellow and green. ½ oz., 20 cts. 5
1115 Tricolor Splendens. An improvement on the old sort, of more brilliant coloring. ½ oz., 30 cts. 10

ALYSSUM (Mad Wurt)

Prettty little plants for beds, vases, baskets, edgings or rock-work, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

1101 Little Gem, or Carpet of Snow. Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white-flowering edging plant in the list. (See cut.) Per ¼ oz., 25 cts.; per oz., 75 cts. .......................... 10

1102 Sweet Alyssum (A. Maritimum). Of trailing habit, flowers white. Per oz., 40 cts. .......................... 5
1103 Tom Thumb (Benthami Compactum). Of dwarf, compact, erect growth; excellent for edging; white. Per oz., 50 cts. .......................... 5
1104 Saxatile Compactum (Basket of Gold). Showy, bright yellow flowers, hardy perennials; blooms the first season if sown early indoors; excellent for rockwork; 1 foot. Per ¼ oz., 50 cts. .......................... 10

AMMOSIBUM (Winged Everlasting)

1121 Alatum Grandiflorum. A pretty annual "everlasting; flowers silvery white with yellow disc; grows best in light soil. 2 feet. Per ½ oz., 20 cts. 5

AMPELOPSIS (Boston, or Japanese Ivy)

1151 Veitchi. A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts. .......................... 10

ANCHUSA

1137 Capensis (Cape Forget-me-not). A fine free-growing annual variety about 18 inches high, with sprays of lovely Forget-me-not blue flowers; blooms all summer. ½ oz., 25 cts. .......................... 10
1138 Italicas Dropmore Variety. One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. ¼ oz., 50 cts. .......................... 15

All Flower Seeds are delivered postpaid to any postoffice of the United States
ANEMONE (Windflower)

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring; keeping shaded till the plants appear.

1140 Coronaria. Mixed colors (Poppy Anemone) 10
1146 St. Brigid. A beautiful selection of the above. Our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. 2 pkts., 25 cts. 15

ANTHEMIS (Hardy Marguerite)

1150 Kelwayi. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet. 10

ARCTOTIS (African Daisy)

1216 Grandis. A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window every one will open and produce as fine flowers as though left on the plant. 1/4 oz., 30 cts. 10

ANTIRRHNUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing or giant, and the equally large-flowered, half dwarf variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

**Giant Varieties.** Of tall growth, very large individual flowers:

<table>
<thead>
<tr>
<th>Per Fkt.</th>
<th>Per Fkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1171 Scarlet       10</td>
<td>1174 Garnet     10</td>
</tr>
<tr>
<td>1172 White         10</td>
<td>1175 Pink, Silver Pink 10</td>
</tr>
<tr>
<td>1173 Yellow        10</td>
<td>1176 Rose        10</td>
</tr>
<tr>
<td>1179 Collection of a packet each of the above 6 colors 50</td>
<td></td>
</tr>
<tr>
<td>1180 Giant Mixed    A splendid mixture, containing all the colors. 1/4 oz., 30 cts. 10</td>
<td></td>
</tr>
</tbody>
</table>

**Large-flowering Half-dwarf Varieties.** A splendid type, growing about 18 inches high, the best for bedding purposes:

| 1162 Daphne       Soft blush pink 10 |
| 1163 Defiance      Orange or russet red 10 |
| 1164 Golden Queen  Rich, pure yellow 10 |
| 1165 Firebrand     Rich, deep red 10 |
| 1166 Rose Queen   Rich rose 10 |
| 1167 Mont Blanc    Pure white 10 |
| 1169 Collection of above 6 sorts 50 |
| 1170 Half-dwarf Mixed All the colors, 1/4 oz., 30 cts. 10 |
| 1160 Tall Mixed    The old-fashioned type; fine long spikes, grand for cutting. 1/4 oz., 25 cts. 5 |

Be sure and include Salpiglossis and Scabiosas in your order. See pages 56 and 57
AQUILEGIA (Columbine)

No hardy plant grown from seed is more easily handled than the Columbine. Seed may be sown in the open ground early in spring, and will, in most cases bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer. Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

1181 California hybrida. Exquisite flowers, in yellow and orange shades, all with long spurs. ........................................ 15
1182 Canadensis. This is the scarlet and yellow native species and one of the brightest. ........................................ 10
1183 Chrysanth (Golden Spurred). Golden-yellow. ½ oz., 50 cts. ........................................ 10
1185 Corrulcam (Rocky Mountain Columbine). Violet-blue and white; 2 feet. ½ oz., 50 cts. ........................................ 10
1187 Flabellata nana alba. A dwarf variety from Japan, with fine, glaucous foliage and large white flowers. ........................................ 15
1195 Helene. Of strong robust growth, bearing numerous flowers of a lovely shade of blue and pure white. ........................................ 15
1197 Nivea Grandiflora. A beautiful large pure white. ½ oz., 30 cts. ........................................ 5
1199 Vigilans. The common European Columbine, flowers rich violet-blue; a strong grower. ½ oz., 30 cts. ........................................ 5
1205 Long-spurred Pink Hybrids. A beautiful selection of the much wanted long-spurred pink and rose shades. ........................................ 25
1199 Collection containing a packet each of the 9 above named sorts 75
1206 Dreer’s Long-spurred Hybrids. A beautiful strain comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pinks, in large flowers with long spurs. 2 pts., 25 cts. ........................................ 15
1207 Double, all colors mixed. Per ½ oz., 30 cts. ........................................ 5
1210 Single, all colors mixed. Per ½ oz., 25 cts. ........................................ 5

ARABIS (Rock Cress)

1211 Alpina. A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequaled for rockeries or edging; withstands the drought and is always neat; 6 inches. ½ oz., 25 cts. ........................................ 10

ARMERIA (Sea Pink or Thrift)

1221 Formosa. A very pretty edging plant, bearing rosy-pink flowers; hardy perennial. 2 pts., 25 cts. ........................................ 15

ARGEMONE (Mexican or Prickly Poppy)

1220 Hybrida Grandiflora. Sturdy bushes about 3 feet high, with very ornamental pale green, spiny foliage, with clear silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy-white. It comes into bloom early in July and continues without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. ½ oz., 30 cts. ........................................ 10
1219 Platyceras Rosea. A recent introduction similar in habit of growth and foliage to the above, but with rich, ruby-rose flowers. 2 pts., 25 cts. ........................................ 15
Dreer's Famous American Asters

Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The varieties offered on this and the following three pages represent the finest Asters introduced to date, and are all firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appreciated.

The early sorts, such as Queen of the Market, Lavender Gem and Royal, begin blooming in July, followed by the mid-season varieties, which are usually at their best during August, and which include such splendid sorts as Pink Beauty, Ostrich Feather and the Improved American Victorias. Then come the later flowering kinds, which bloom from the end of August on through September into October. This class furnishes the finest flowers of all, and is well represented in our list by our Superb Late Branching Beauty, our Peerless Pink, the finest Pink Aster grown, Crego's Giant, Crimson Giant, the Kings and a number of other fine sorts. It is quite easy, therefore, with a little care in the selection or the varieties, to have Asters in bloom from the first days in July until hard frost.

A Few Cultural Hints on the Growing of Asters

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems and more profuse flowering. They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of bone meal or other good commercial fertilizers; and the addition of wood ashes or air-slacked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with equally as good results.

The main essentials to insure fine Asters are a rich soil, frequent cultivation, no check to their growth from start to finish and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphid at their roots; also by stem rot. Both of these troubles are rarely met with if the plants are grown on good soil, and are not checked in their growth. The addition of wood ashes or air-slacked lime at the time of the preparation of the bed also helps to prevent these troubles.

ASTERMUM ASTERS

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:


BEAUTY ASTERS

A recently developed late flowering strain coming into bloom in late September, and being at their best through October, the plants grow nearly 3 feet high, and bear their very large, densely double flowers on long strong stems. We offer four beautiful colors.


CHINA ASTERS

1340 General Mixture. This mixture was saved from the many sorts and colors grown on our trial grounds the past season. 5 cts. per pkt.; ½ oz., 25 cts.

CREGO'S GIANT

COMET ASTERS

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type (Illustrated on page 68). We offer five colors, viz.:


Asters are continued on pages 68 to 70. See also Specialties, pages 52 to 62.
Dreer's Famous American Asters

Dreer's Crimson Giant Aster
1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large, densely double flowers, few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

Early Wonder Asters
This is the best extra early Aster, flowering in early July from seeds sown in the open ground at the end of April, and if sown in March can be had in bloom before the close of June. The flowers are of good size, quite double, and are borne on good, long, stiff stems, which, added to their extremely early flowering, makes them of great value for cutting.
1341 Pink. Pkt., 15 cts.
A packet of each for 25 cts.

HEART OF FRANCE ASTER
1352 This recent introduction is the largest flowering of the very dark red sorts; plants grow about 24 inches high, nicely branched, bearing in September their large, rich, deep ruby-red flowers on long, strong stems; a fine, dark variety. 15 cts. per pkt.; 2 pkts., 25 cts.

KING ASTERS
The "King" Aster forms a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. That we think highly of this type is evidenced by the fact that we include Rose King and Violet King in our collection of Six Famous American Asters, which we offer among our specialties on pages 52 to 62.
1343 Dreer's Crimson King. The richest and deepest crimson variety known to us.
1344 Lavender King. Soft lavender blue.
1345 Pink King. An attractive delicate shell pink.
1346 Rose King. A beautiful brilliant rose variety.
1347 Violet King. A pleasing soft shade of violet.
1348 White King. Pure white.
Price. Any of the above, 15 cts. per pkt.
1349 Collection of a packet each of the above six varieties for 75 cts.
1350 King Mixed. Contains all the colors. 15 cts. per pkt.; 75 cts. 1 oz.
Dreer’s Famous American Asters

LA V EN D E R G E M A S T E R
1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems, and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

Dreer’s "Peerless Pink" Aster
1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell pink and comes into bloom about the middle of August, being at its best during the early part of September. 15 cts. per pkt.; 2 pkts., 25 cts.

Dreer’s “Pink Beauty” Aster
1396 This was introduced by us, and is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush pink, a shade that is always in demand for cutting. 15 cts. per pkt.; 2 pkts., 25 cts.

Queen of the Market Asters
A first-class early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per 1/2 oz.</th>
<th>Per pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1401 Bright Rose</td>
<td>10</td>
<td>1405 Pink</td>
</tr>
<tr>
<td>1402 Crimson</td>
<td>10</td>
<td>1406 Purple</td>
</tr>
<tr>
<td>1403 Lavender</td>
<td>10</td>
<td>1407 White</td>
</tr>
<tr>
<td>1409 Collection</td>
<td>50</td>
<td>1410 Mixed Colors</td>
</tr>
</tbody>
</table>

OSTRICH FEATHER ASTERS
This magnificent Aster produces flowers of immense size, made up of long, loosely-formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1361 Bright Rose</td>
<td>10</td>
</tr>
<tr>
<td>1362 Lavender</td>
<td>10</td>
</tr>
<tr>
<td>1364 Salmon Pink</td>
<td>10</td>
</tr>
<tr>
<td>1369 Collection</td>
<td>50</td>
</tr>
<tr>
<td>1370 Mixed, all colors</td>
<td>10</td>
</tr>
</tbody>
</table>

Novelties and Specialties in Flower Seeds are offered on pages 52 to 62.
Dreer’s Famous American Asters

**IMPROVED AMERICAN VICTORIA ASTERS**

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy upright plants, 12 to 14 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Daybreak</strong></td>
<td>Delicate La France pink</td>
<td>15</td>
</tr>
<tr>
<td><strong>Purity</strong></td>
<td>Purest white</td>
<td>15</td>
</tr>
<tr>
<td><strong>Pale Lavender</strong></td>
<td>A delicate shade</td>
<td>15</td>
</tr>
<tr>
<td><strong>Rose-Pink</strong></td>
<td>Rose shading to blush-pink</td>
<td>15</td>
</tr>
<tr>
<td><strong>Salmon-Pink</strong></td>
<td>Rich salmon-pink, exquisite</td>
<td>15</td>
</tr>
<tr>
<td><strong>Azura</strong></td>
<td>Rich, deep lavender-blue</td>
<td>15</td>
</tr>
<tr>
<td><strong>Collection of a pkt.</strong></td>
<td>of each of the above 6 colors</td>
<td>60</td>
</tr>
<tr>
<td><strong>Choicest Mixed</strong></td>
<td>All colors. 1/4 oz., 75 cts.</td>
<td>10</td>
</tr>
</tbody>
</table>

**Dreer’s Six Famous AMERICAN ASTERS**

1338 This splendid collection is made up of a packet each of Crego’s Giant White, Crego’s Giant Pink, Crimson Giant, Rose King, Peerless Pink and Violet King. Each a leader in their respective class and color. The six pkts. for 65 cts.

**HARDY PERENNIAL ASTERS**

1400 **Mixed (Michaelmas Daisies)**. Single fall-flowering Hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 feet. 1/4 oz., 50 cts. 10

1251 **Alpinus**. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large showy bluish-purple flowers in May and June. 10

1447 **Sub-coeruleus**. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter. 15

**ROYAL ASTERS**

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free-flowering makes them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. The form of the flower is well shown in the illustration. We offer six beautiful and distinct colors.

**PER PKT.**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lavender</strong></td>
<td>Soft lavender violet</td>
<td>15</td>
</tr>
<tr>
<td><strong>Purple</strong></td>
<td>Rich, deep violet purple</td>
<td>15</td>
</tr>
<tr>
<td><strong>Rich Rose</strong></td>
<td>A bright color</td>
<td>15</td>
</tr>
<tr>
<td><strong>Rose-pink</strong></td>
<td>Very pretty, shaded white at centre</td>
<td>15</td>
</tr>
<tr>
<td><strong>Shell-pink</strong></td>
<td>Very delicate</td>
<td>15</td>
</tr>
<tr>
<td><strong>White</strong></td>
<td>Purest white</td>
<td>15</td>
</tr>
<tr>
<td><strong>Collection</strong></td>
<td>of each of the six colors</td>
<td>75</td>
</tr>
<tr>
<td><strong>Mixed</strong></td>
<td>Containing all of the colors. 1/4 oz., 75 cts.</td>
<td>10</td>
</tr>
</tbody>
</table>

**SINGLE CHINA ASTER**

1440 The Single China Asters are very effective in beds or borders and for cutting, they offer a pleasing change to the innumerable double sorts; mixed colors. 1/4 oz., 40 cts. 10

**New Red Aster “Sensation”**

1442 This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glints in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging 3/4 inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

We offer a number of splendid NOVELTIES AND SPECIALTIES in Flower Seeds. See pages 52 to 62
ASPARAGUS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1231</td>
<td>Plumosus Nanus</td>
<td>$1.00 per 100 seeds</td>
</tr>
<tr>
<td>1232</td>
<td>Sprengeri (Emerald Feather)</td>
<td>$0.25 per 100 seeds</td>
</tr>
</tbody>
</table>

AURICULA (Primula Auricula)

1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches

BALLOON VINE (Love-in-a-Puff)

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. (See cut.) Per oz., 25 cts.

Double Camellia-flowered Balsams

(Lady Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion; of easy culture, succeeds in a good rich soil; tender annuals; 2 feet. Start the seed indoors in April, or sow out of doors in May. To grow fine specimens they should not be closer than 18 inches apart. (See cut.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1532</td>
<td>Salmon Prince</td>
<td>Exquisite salmon-pink; very double</td>
</tr>
<tr>
<td>1533</td>
<td>Light Yellow</td>
<td></td>
</tr>
<tr>
<td>1534</td>
<td>Scarlet</td>
<td>Brilliant fiery scarlet</td>
</tr>
<tr>
<td>1535</td>
<td>Sofferino</td>
<td>Striped and spotted white, lilac and scarlet</td>
</tr>
<tr>
<td>1536</td>
<td>Violet</td>
<td>Very rich</td>
</tr>
<tr>
<td>1537</td>
<td>White Perfection (Alba Perfecta)</td>
<td>Very double, immense solid round flowers of purest white</td>
</tr>
<tr>
<td>1538</td>
<td>Collection of the 6 colors offered above</td>
<td></td>
</tr>
<tr>
<td>1540</td>
<td>Double Camellia-flowered</td>
<td>Finest mixed. 1/2 oz., 25 cts</td>
</tr>
</tbody>
</table>

BAPTISIA (False Indigo)

1541 Australis. A beautiful hardy perennial herbaceous plant, producing pea-shaped bright blue flowers on spikes 6 inches long. 2 ft.

BOCCONIA (Plume Poppy, or Tree Celandine)

1611 Cordata. Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 ft long of cream-colored flowers; 5 feet; easily raised from seed. 1/2 oz., 25 cts.

BEGONIAS

Everblooming Bedding Varieties

The following are varieties of Begonia Semperflorens, and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 ft high, and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1562</td>
<td>Erfordia</td>
<td>Bright rose-carmine</td>
</tr>
<tr>
<td>1564</td>
<td>Prima Donna</td>
<td>Limped-rose, shading to carmine at the centre; everblooming</td>
</tr>
<tr>
<td>1566</td>
<td>Gloire de Chatelaine</td>
<td>A beautiful large flowering everblooming variety of a lovely soft rose-pink</td>
</tr>
<tr>
<td>1565</td>
<td>Gracilis Rosea</td>
<td>Handsome flowers of a delicate rose color</td>
</tr>
<tr>
<td>1568</td>
<td>Luminosa</td>
<td>Brilliant fiery dark scarlet; very bright</td>
</tr>
<tr>
<td>1577</td>
<td>Salmon Queen</td>
<td>The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding</td>
</tr>
<tr>
<td>1571</td>
<td>Vernon</td>
<td>Bright orange-carmine flowers; deep red foliage</td>
</tr>
<tr>
<td>1580</td>
<td>Semperflorens, Single Mixed</td>
<td>This mixture contains all the colors from pure white to deepest crimson; splendid</td>
</tr>
<tr>
<td>Variety</td>
<td>Description</td>
<td>Price</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BRACHYCOME (Swan River Daisy)</td>
<td>Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. (See cut.)</td>
<td>4 oz., 40 cts.</td>
</tr>
<tr>
<td>BROWALLIA (Amethyst)</td>
<td>One of our favorite profuse blooming annuals, covered with beautiful blue and white flowers during the summer and autumn months; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back; mixture containing both the blue and white varieties; 18 inches</td>
<td>½ oz., 30 cts.</td>
</tr>
<tr>
<td>CACALIA (Tassel Flower, or Floris's Paint Brush)</td>
<td>A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed; 1½ feet.</td>
<td>½ oz., 25 cts.</td>
</tr>
<tr>
<td>CALCEOLARIA</td>
<td>Dreer's Perfection. An ornamental plant, producing a mass of beautiful, pocket like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist, and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free flowering.</td>
<td>50 cts.</td>
</tr>
</tbody>
</table>

**Bellis (Double Daisy)**

**Bellis (English Daisy)**

A favorite perennial which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Longfellow</td>
<td>Large, double pink flowers</td>
<td>10 cts.</td>
</tr>
<tr>
<td>Ranunculiflora Alba</td>
<td>A splendid type, with densely double pure white flowers, not very large, but very free-flowering</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Ranunculiflora Rosea</td>
<td>Identical to the preceding, except in color, which is a bright rosy pink</td>
<td>15 cts.</td>
</tr>
<tr>
<td>Giant White</td>
<td>Each plant produces but a few flowers, but these are of enormous size, almost as large as a good-sized Aster</td>
<td>25 cts.</td>
</tr>
<tr>
<td>Giant Rose</td>
<td>Same as the above except in color</td>
<td>25 cts.</td>
</tr>
<tr>
<td>The Bride, or Improved Snowball</td>
<td>A fine large double-free-flowering pure white</td>
<td>10 cts.</td>
</tr>
<tr>
<td>Double Quilled</td>
<td>Double quilled flowers in mixture, containing red, pink and white</td>
<td>25 cts.</td>
</tr>
<tr>
<td>Double Mixed</td>
<td>A fine mixture, containing all the colors.</td>
<td>50 cts.</td>
</tr>
</tbody>
</table>

**Boltonia (False Chamomile)**

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

**Bryonopsis**

1641 Laciniosa. A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning, when ripe, to bright scarlet striped white; 10 to 20 feet. 15 cts.
CALENODULA (Pet Marigold)
This is the "Marygold" of Shakespeare’s time; one of the best and showiest free-flowering hardy
annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter
and early spring: 1 foot. (See cut.)

1682 Orange King. Very large and double
bright orange-red, dark eye, an extra fine
strain, with flowers averaging over 3 inches across.
Oz., 40 cts.......................... 5
1684 Golden King. Rich golden-yellow flowers of large
size and borne on long, strong stems, making it of
special value for cutting. Oz., 30 cts................. 5
1686 Lemon King. Very large and extremely double
flowers of a pleasing rich lemon-yellow, dark eye.
Oz., 40 cts.................................. 5
1681 Tetece. Large double orange, broadly striped with
creamy-white, light centre. Oz., 30 cts................. 5
1683 Nankeen. A very distinct variety, the double flow-
ers of a creamy-yellow, slightly flushed apricot, dark
brown eye. Oz., 30 cts.......................... 5
1687 Royal or Trianon. Lemon-yellow striped orange, with dark
eye. Oz., 30 cts.......................... 5
1680 Mixed. All the double sorts. Oz., 25 cts............ 5
1689 Collection. One packet each of the 6 separate sorts... 25

CALLIOPSIS
Showy and beautiful free-flowering annuals, of the easiest culture,
done well in any sunny position, blooming all summer and excellent for
cutting and massing. It is best to sow them where they are to bloom,
Thinning out to stand 6 inches to 12 inches apart. By keeping the old
flowers cut off the flowering season can be lengthened until late autumn.
1686 Bicolor Nana. Of dwarf, compact, even growth; flowers
clear yellow, with small garnet eye; 9 inches. 4
oz., 20 cts.......................... 5
1687 Crimson King. A fine dwarf sort, 9 inches
high; color rich velvety crimson garnet.
1/4 oz., 30 cts.................... 10
1701 Crown of Gold. Large, rich, golden-yellow
18 inches. 1/2
oz., 30 cts......... 10
1702 Golden Wave (Drummondii). Rich golden-yellow
with small chestnut-brown centre; very free; 12 inches.
1/4 oz., 20 cts.......................... 5
1707 Golden Ray. Dwarf, compact plants, not over 9
inches high, covered with flowers of rich maroon edged
with golden-yellow, and having twisted petals like a
Cactus Dahlia. 1/4 oz., 30 cts................... 10
1708 Flaminora. A very showy sort, growing 2 feet
high, and covered with bright golden-yellow flowers,
marbled with wallflower-red. 1/4 oz., 20 cts............. 5
1703 Nigra Speciosa. A strong grower with good sized
flowers of rich reddish-maroon; 2 feet. 1/4 oz., 20 cts...
1705 Tiger Star. Plants not over 9 inches high, flowers
of rich reddish-brown, tigered with golden-yellow, not unlike some of
the Orchids. 1/4 oz., 30 cts.................... 10
1704 Tinctoria. Another showy variety, the large flowers being bright
yellow and maroon, about evenly divided; 21 inches. 1/2 oz., 20
cts.......................... 5
1706 Double Tinctoria. Double and semi-double very showy
flowers of rich maroon, edged with gold; 18 inches. 1/4 oz.,
20 cts.................................. 5
1710 Mixed. All choice sorts in mixture. Per oz., 30 cts........ 5
1709 Collection. Containing packet each of the above 10 sorts... 50

If unable to find what you want, refer to the Index. page 2
CAMPANULAS or 
BELLFLOWERS

Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-shaped flowers, thriving best in light, rich soil; some of the varieties flower the first season if sown early.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Carpatica</strong></td>
<td>(Carpathian Hare Bell). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging.</td>
<td>1 oz., 50 cts. 10</td>
</tr>
<tr>
<td><strong>Latifolia Alba</strong></td>
<td>The white-flowered form of the above.</td>
<td>½ oz., 50 cts. 10</td>
</tr>
<tr>
<td><strong>Persicifolia Grandiflora</strong></td>
<td>(Peach Bells). Undoubtedly one of the finest of the hardy Bellsflowers; grows 2 to 3 feet high, with large blue flowers.</td>
<td>½ oz., 50 cts. 15</td>
</tr>
<tr>
<td><strong>Pyramidalis</strong></td>
<td>(The Chimney Bellflower). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers, 4 to 5 feet.</td>
<td>½ oz., 50 cts. 10</td>
</tr>
<tr>
<td><strong>Trachelium</strong></td>
<td>(Coventry Bells). A sturdy variety, 2 to 3 feet high, with large blue flowers in July and August.</td>
<td>½ oz., 50 cts. 10</td>
</tr>
</tbody>
</table>

CANTERBURY BELLS (Campanula Medium)

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require."

Campanula Medium (Canterbury Bells)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fl. Pl.</strong></td>
<td>(Double Cup and Saucer Canterbury Bells). A new type from a celebrated French hybridizer, contains all colors.</td>
<td>25 cts. 25</td>
</tr>
<tr>
<td><strong>Medium</strong></td>
<td>The old-fashioned sort with beautiful, large bell-shaped blossoms; we offer four distinct colors and mixed, as follows:</td>
<td></td>
</tr>
<tr>
<td><strong>Single Dark Blue</strong></td>
<td></td>
<td>10 cts. 10</td>
</tr>
<tr>
<td><strong>Light Blue</strong></td>
<td></td>
<td>10 cts. 10</td>
</tr>
<tr>
<td><strong>Rose</strong></td>
<td></td>
<td>10 cts. 10</td>
</tr>
<tr>
<td><strong>White</strong></td>
<td></td>
<td>10 cts. 10</td>
</tr>
</tbody>
</table>

A packet of each of the four colors, 30 cts.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single Mixed</strong></td>
<td>All colors.</td>
<td>½ oz., 25 cts. 5</td>
</tr>
<tr>
<td><strong>Double Mixed</strong></td>
<td>All the double-flowering medium varieties.</td>
<td>½ oz., 50 cts. 10</td>
</tr>
</tbody>
</table>

CALLIRHOE

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Involucrata</strong></td>
<td>(Poppy Mallow). A showy, trailing, hardy perennial, bearing continuously from early summer till fall large, bright crimson saucer-shaped flowers; looks best on the rockery, but can be used in front of the hardy border.</td>
<td>10 cts. 10</td>
</tr>
</tbody>
</table>

CAMPANULA CARPATHICA

Read the General Culture Notes on Raising Flowers from Seeds on page 51
CANDYTUFT (Iberis Umbellata)
The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. Single plants transplanted look well and bloom profusely; 1 foot.

1751 Carmine. Bright carmine rose. Oz., 50 cts. 10
1752 Crimson. Rich deep shade. Oz., 40 cts. 5
1753 Giant Hyacinth-flowered or Improved Empress. As the result of extra care and painstaking selection this is now the finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of blooms. (See cut.) Per ½ oz., 35 cts., oz., 60 cts. 10

1755 White Fragrant. Flowers small, very sweetly scented. Oz., 40 cts. 5
1756 Lavender. Delicate shade of rosy-lavender. Oz., 40 cts. 5
1757 Rose Cardinal. Brilliant deep rosy-red; one of the most effective for bedding. Oz., 60 cts. 10

1759 Collection. Containing a packet each of the above 6 sorts, 90 cts. 5
1760 Mixed. A splendid mixture containing all the colors. Oz., 30 cts. 5

For Perennial Candytuft see Iberis, page 93.

CANARY-BIRD VINE
(Tropaeolum Canariense)
1749 A beautiful rapid growing annual climber, the charming little canary-yellow blossoms bearing a fancied resemblance to a bird with its wings half expanded. The sprays of flowers are very artistic and keep when cut in good condition for a week. (See cut.) Per oz., 30 cts. 5

CANNA
(Indian Shot)
Dwarf, Large-flowering French. Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy soil, and place in a hotbed or green house; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

1781 Cheerfulness. Bright fire-red margined gold and flaked crimson. 10
1782 Duke of Marlboro. Rich deep crimson 10
1783 Dr. E. Ackernecht. Bright carmine lake, bronze foliage 10
1786 Hungaria. A beautiful rose-pink 10
1787 Mrs. Alfred Conard. The popular salmon-pink, very large 10
1788 The Gem. Pale yellow, densely spotted deep carmine 10
1790 Collection of a packet each of the above six grand sorts 40

LARGE FLOWERING FRENCH CANNAS

CEPHALARIA (Roundheads)
1907 Alpina. A hardy perennial which when fully established attains a height of 6 feet, bearing in June and July delicate sulphur-yellow flowers, not unlike the flowers of Scabiosa. 10

Books on Horticultural subjects are offered on the inside of back of cover
CARNATION

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud type are the best for summer flowering.

1850 Hardy Border Double Mixed. A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. ¼ oz., 40 cts. ............................................ 15

1831 Chabaud’s Everblooming. Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors, ............................................. 25

MARGUERITE CARNATIONS

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully-fringed, highly-scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

PER PKT. PER PKT.

1811 Deep Crimson 15 1814 Fiery Scarlet 15
1812 Yellow 15 1815 Striped 15
1813 Bright Rose 15 1816 Pure White 15
1818 Collection of 1 pkt. each of the above 6 colors .......................... 60
1820 Mixed. All colors Marguerite Carnations. ¼ oz., 40 cts. 10

GIANT MARGUERITE CARNATION

1830 An improved strain, producing flowers of immense size, frequently measuring 2½ to 3 inches across; strong, vigorous growers and wonderfully free-flowering; mixed colors. ¼ oz., 50 cts. ............................................. 15

Giant Marguerite Carnation

CERASTIUM (Snow in Summer)

1911 Tomentosum. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. ............ 15

Cheiranthus

1915 Allionii (Siberian Wallflower). A very pretty biennial growing about 12 inches high with heads of brilliant orange flowers from May to midsummer. Very effective in the rockery. Usually blooms the first year from seed. 10

BOOKS ON HORTICULTURE

We offer on the inside of the back cover of this catalogue a carefully selected list of the best books on horticulture and kindred subjects. The prices given include postage.

As cut flowers Scabiosas are very satisfactory. See colored plate, page 57
CELOSIA CRISTATA (Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

1851 Empress. Rich crimson; combs of colossal proportions... 10 cts.
1852 Glasgow Prize. Imposing, showy dark crimson combs... 10 cts.
1853 Queen of the Dwarfs. This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across... 10 cts.
1854 Golden Queen. Large combs of rich golden-yellow... 10 cts.
1860 Dwarf, Mixed. Fine dwarf varieties. ½ oz., 40 cts... 10 cts.
1858 Collection of 6 colors dwarf Cockscombs. 50 cts.

CELOSIA PLUMOSA (Feathered Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

1855 Childsi Crimson (Chinese Woolflower). This attractive variety grows about 2 feet high, bearing on long stems brilliant crimson flowers that look like balls of silky wool, effective in the garden, and can be cut and dried, lasting a long time... 15 cts.
1864 Childsi Pink. A new variety of the above, with flowers of a pretty shade of salmon-pink... 15 cts.
1857 Thompson’s Superb (Triomphe de l’Exposition). Of pyramidal growth, attaining a height of 3 feet, and producing graceful feather plumes of the most brilliant crimson. ½ oz., 30 cts... 10 cts.
1858 Thompsoni Magnifica. Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. ⅛ oz., 50 cts... 15 cts.
1866 Golden Plume. Bright, golden-yellow plumes. ⅛ oz., 30 cts... 10 cts.
1870 Plumosa, Mixed. Feathered varieties in all colors. ½ oz., 25 cts... 5 cts.

WHITE-LEAVED CINERARIA

(Dusty Miller)

1851 Maritima Candidissima. These, as well as the white-leaved Cinerarias offered on page 78, are called “Dusty Miller’s.” Fine for bedding, ribbon beds and margins; prized for their beautiful downy, silvery foliage; half hardy perennials, but should be treated as annuals; 2 feet. ½ oz., 25 cts... 10 cts.

CINERARIA HYBRIDA

Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedlings may go straight from the seed-pots to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the plants become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

1963 Dreer’s Prize Dwarf. Dwarf compact plants not over a foot high, with immense heads of large individual flowers in a great range of beautiful colors... 50 cts.
1964 Dreer’s Prize Tall. Of taller growth than the above, with flowers of extraordinary size... 50 cts.
1961 Matador. The new large-flowering scarlet, which adds considerable life and brilliancy to a collection... 50 cts.
1966 Stellata (Star Cineraria). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cinerarias; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting... 25 cts.
CENTAUREAS

Under this name is included such popular annuals as the Cornflower, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost everywhere, and are much in demand as cut flowers.

CORNFLOWERS (Centaurea Cyanus)

These are also known as Bachelor’s Buttons, Blue Bottle, Ragged Sailor, Blueet and sometimes as Ragged Robin, but which name belongs to one of the Lycnus and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover and always included in old-fashioned gardens. They usually re-seed themselves, coming up year after year. A bunch of the blue sorts, with a few yellow Calliopsis, Marigolds, Calendulas or California Poppies, make a very rich combination.

PER PKT.

1876 Single Blue. The favorite dark-blue sort so much in demand for cutting. Per oz., 40 cts.............. 5
1880 — Mixed. Blue, white, rose, etc. Per oz., 30 cts. 5
1881 Double Blue. This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. ¼ oz., 50 cts. 15
1882 Double Rose Pink. A splendid variety for cutting; color clear rose-pink. ¼ oz., 50 cts.................. 15
1883 Double White. Densely double pure white flowers. 15
1890 Double-flowered Mixed. All colors, including blue, rose, white, etc. Per oz., 50 cts.................. 10

CENTAUREA IMPERIALIS (Royal Sweet Sultans)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut-flower purposes. The beautiful, sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut). We offer the following distinct colors:

PER PKT.

1891 Brilliant Rose ... 10 | 1894 Deep Purple ...... 10
1892 Dark Rose ...... 10 | 1895 Delicate Lilac .... 10
1893 Deep Lavender .. 10 | 1896 Pure White .... 10
1899 Collection containing a packet each of the 6 colors..... 50
1900 Finest Mixed Colors. ¼ oz., 25 cts ................ 5

WHITE-LEAVED CENTAUREAS (Dusty Millers)

Fine for bedding, vases, hanging baskets and potties; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. The white-leaved Cinerarias are also known as Dusty Millers. See page 77.

1871 Cniditisima. Silvery white; leaves broadly cut. Per 1000 seeds, 60 cts........................................ 15
1872 Gymnocarpa. Fine cut silvery foliage; ½ feet. Per 1000 seeds, 30 cts........................................ 10

VARIous CENTAUREAS

1874 Americana (Basket Flower). A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting........... 10
1901 Suaveolens (Yellow Sweet Sultan, or Greatian Cornflower). Very showy; large, bright yellow flowers; sweetly scented, and a popular sort for cutting; lasting well. ¼ oz., 30 cts........................................ 10
1902 Macrocephala. Hardy perennial; large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 3½ feet...... 10
1904 Montana (Perennial Corn Flower). Grows 2 feet high, bearing large violet-blue flowers from July to September............................................................... 15
1905 — Alba. Large white variety of the above.... 15

Novelties and Specialties in Flower Seeds are offered on pages 52 to 62.
Chrysanthemums

**ANNUAL VARIETIES**

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants (growing about 2 feet high), bearing in profusion daisy-like flowers averaging about 3 inches across on good stems, and quite distinct from the hardy perennial and autumn flowering varieties.

1921 *Dorridgeanum*. Pure white petals with zone of rich brownish red and inner zone of yellow surrounding the dark brown disc. 10

1922 *Eastern Star*. Clear yellow petals with dark disc. 10

1923 *Morning Star*. Petals canary yellow, with halo of deeper yellow; disc dark yellow. 10

1924 *Northern Star*. Very large daisy-like flowers, 3 inches across, with pure white fringed petals with canary-yellow zone around a dark brown eye. 10

1925 *The Sultan*. Rich wallflower red with narrow yellow zone around the brown disc. 10

1926 *Evening Star, or Helios*. Rich sunflower yellow, the disc slightly deeper yellow. 10

1929 *Collection* of a packet each of the above 6 varieties. 40

1930 *Single Mixed* (Pointed Daisies). Many colors. (See cut.) Oz., 40 cts. 5

1931 *Coronarium, Double Mixed*. Yellow, white, etc. (See cut.) Oz., 40 cts. 5

1935 *Inodorum Plenissimum* (Double White Mayweed). Makes a bushy plant about 2 feet high, with fine feathery foliage, and pure white, densely double flowers, which are produced from mid-summer till frost; splendid for cutting. ½ oz., 40 cts. 10

**SHASTA DAISIES**

*(Chrysanthemum Leucanthemum)*

1948 *Alaska*. A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. 5 pkts., $1.00 25

1950 *Shasta Daisy*. A general mixture saved from extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts. 15

**CHrysANTHEMUMS**

**PERENNIAL VARIETIES**

1944 *Japanese Hybrids*. Our stock of this comes to us direct from Japan and is saved from a magnificent collection of over one hundred varieties, and cannot fail to produce satisfactory results. Seeds sown in spring will produce flowering plants by fall. 25

1945 *Double Early-flowering*. A new race which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors. 25

1951 *Hardy Pompon*. A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors. 25

1946 *Maximum King Edward VII* (*Moon-penny Daisy*). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowing. A splendid addition to this useful hardy perennial. ½ oz., 30 cts. 10

**SALPIGLOSSIS and SCABIOSA**

We illustrate these beautiful annuals in colors this season. See plate between pages 56 and 57.

Plants of Garden Chrysanthemums will be found offered on page 174.
CLARKIA

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

1981 Elegans Alba Fl. Pl. Very double, pure white.......................... 10
1984 — Brilliant. Rich crimson scarlet; very double........................ 10
1982 — Salmon Queen. Extra double, salmon pink.......................... 10
1983 — Scarlet Queen. A brilliant orange-scarlet; a rare shade.......... 10
A pkt. each of the 4 sorts, 30 cts.
1990 Elegans Double Mixed. A fine mixture containing all the colors. ½ oz., 25 cts.................. 10

CLEOME (Giant Spider Flower)

2002 Gigantea. In our trial grounds this proved to be the finest Cleome we have ever seen. The plants attain a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubbery border, and is used extensively in many of the public parks. Seeds should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. ½ oz., 25 cts.......... 10

COBREA (Cups and Saucer Vine or Cathedral Bells)

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edgewise and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.)

2021 Scandens. Large, bell-shaped purple flowers. ½ oz., 25 cts. 10
2022 Scandens Alba. Pure white 15

COLEUS (Flame Nettle)

2040 Dreer's Hybrids. Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow indoors in March or April .................................................. 25
2041 Ornatus. Splendid, large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes......................... 25

RAINBOW CORN (Zea Japonica Variegata)

2062 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about 5 feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy purple and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. Per oz., 25 cts. 10
Convolvulus Major (Morning Glory)

Convolvulus
(Morning Glory)
Major, or Climbing Morning Glories

Deservedly very popular, as they are one of the most free-flowing and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals 15 feet. (See cut.)

Per pkt, 2060 Mixed. All colors. Per oz., 20 cts.

Per oz., 50 cts.

2061 Double Flowering. About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or single. Per oz., 50 cts.

Imperial Japanese or Emperor Morning Glories are offered on page 98.

MINOR, or DWARF MORNING GLORIES

While these are called Dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

2052 Minor Tricolor, Mixed. A very large range of color, from pure white to deep purple, annual; 1 foot.

Per oz., 20 cts.
EXTRA EARLY COLOSSAL OR MIDSUMMER GIANT COSMOS

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late-flowering kinds. By careful selection they now have flowers as large as the late-flowering kinds, and will undoubtedly perfect their blooms in the most northerly States.

PER 1/2 oz. PER PKT

2085 Early Crimson. Very rich. 30 10
2086 Early Pink. A pretty shade. 30 10
2087 Early Pure White. 30 10

A pkt. each of the 3 colors for 25 cts.

2090 Early Mixed. All colors, 1/4 oz., 25 cts; 1 oz., 75 cts. 10

DOUBLE-FLOWERING COSMOS

A recent introduction and becoming more popular each season, the flowers are very artistic and stand for a long time when cut.

2081 Double Crimson. 20
2082 Double Pink. 20
2084 Double White. 20

A packet each of the 3 doubles for 50 cts.

2092 Yellow-Cosmos "Klondyke." Golden yellow flowers borne on long stems, and measures from 24 to 34 inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. 10

CYCLAMEN

Charming house plants, with beautiful foliage, and rich-colored fragrant flowers; universal favorites for winter and spring blooming. Seed may be sown any time during the spring or autumn.

2120 Persicum. A very fine strain, not so large but easier to grow than the Giants; mixed colors. Per 100 seeds, $1.00. 15
2130 Giant Finest Mixed. Saved from a superb collection. Per 100 seeds, $2.00. 25
2128 Butterfly. In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors. 50

CYPRESS VINE (Ipomoea Quamoclit)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours; 15 feet.

2156 Scarlet. Per oz., 50 cts. 5
2157 White. Per oz., 50 cts. 5
2160 Mixed. White and scarlet. Per oz., 40 cts. 5
2158 Quamoclit Hybrida (The Cardinal Climber). The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. 2 pkts., 25 cts. 15

AUTUMN GIANT, or LADY LENOX

This, the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making perfectly circular flowers, which are borne on very long stems. We offer three colors and mixed as under.

PER PKT.

2093 Giant Pink. A beautiful deep rosy-pink. 1/4 oz., 25 cts. 10
2094 Giant White. The white-flowered form of the above. 1/4 oz., 25 cts. 10
2096 Giant Crimson. Rich crimson. 1/4 oz., 25 cts. 10

A packet each of the 3 colors, 25 cts.

2100 Giant Mixed. Contains an even proportion of the three colors.
1/4 oz., 20 cts; oz., 50 cts. 10

See Novelties and Specialties, pages 52 to 62, for The Newer and Early Flowering Orchid-Flowered Sweet Peas.
DAHLIAS

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; as easy to grow from seed as Nasturtiums; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

2186 Twentieth Century. In size the flowers are giants, 4½ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. 2 pks. for 25 cts. ................................. 15

2181 Colossal Peony-flowered. French strain, producing mammoth semi-double Peony-like flowers in a bewildering range of colors; 2 pks. for 25 cts. .................................................. 15

2185 Colerette. A novel type, having a row of petals around the disc like a frill or collar, and which is of a different color to the regular petals; mixed colors. ............................................ 15

2182 Giant Perfection. This strain produces single flowers of immense size, averaging 6 inches across, in a great variety of coloring. ½ oz., 50 cts. .................................................. 15

2190 Single Choice fixed. All colors. ¼ oz., 30 cts. ................. 10

2196 Double Cactus. This type is very desirable. Many colors. ½ oz., 40 cts. .................................................. 15

2197 Giant Double Decorative. This comes from a famous French hybridizer, who states that it has been saved from a superb collection containing a very varied range of colors, with flowers frequently 8 inches across. ........................................ 25

2200 Double Large-flowering. Saved from fine double show sorts. ½ oz., 40 cts. .................................................. 15

DELPHINIUM (Hardy Perennial Larkspur)

Sow the seeds in early spring indoors or in hot beds in shallow boxes. When the seedlings are about three-quarters of an inch high, transplant to flats three or four inches apart each way, transferring them to the open ground when the weather is suitable.

Spring-sown plants bloom in July and August. They take up very little room, for they may be planted 6 or 8 inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in large groups in the shrubbery border, or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the beds heavily manured, the plants reset and more room given each plant.

They can also be sown in the open ground in spring, but would not likely flower until the second year.

2240 Gold Medal Hybrids. This is one of our most important specialties, and is unquestionably the finest strain of mixed hybids ever offered. The original stock came from England, and consisted of the best named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. ½ oz., 50 cts. ................. 15

2218 Belladonna (Everblooming Hardy Larkspur). This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A really exquisite variety. 5 pks., $1.00 ................................................. 25

2221 Bellamosum. This is a rich, deep blue form of the popular light blue Belladonna, having the same free-blooming and other good qualities ........................................ 25

2242 Chinense (Blue Butterfly). A distinct and neat variety growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue. ½ oz., 30 cts. ...................... 10

2241 — Album. The white flowered form. ½ oz., 30 cts. .......... 10

2246 Formosum. Beautiful spikes of rich blue flowers, with a white centre, 2½ feet ................................................. 10

2238 Double Hybrids. Finest double flowering mixed in great variety of charming colors. ½ oz., 75 cts. .................. 15

We grow choice Dahlias by the acre and offer a very extensive collection. See Plant Department.
DIANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks time they are a mass of bloom, continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high, and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as carnations for cutting. They are not particular as to soil, but should have a sunny location.

DOUBLE ANNUAL PINKS

2250 Chinensis Fl. Pl. (China or Indian Pink). Flowers very double and of many bright colors. \( \frac{1}{4} \) oz., 25 cts. .................. 5
2255 Violet Queen. Rich violet, an unusual shade. \( \frac{1}{4} \) oz., 50 cts. ............. 10
2260 Diadematus Fl. Pl. (Double Diadem Pink). Beautiful double flowers; mixed, of various tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. \( \frac{1}{4} \) oz., 40 cts. .................. 5
2266 Snowball. Large double white, splendid for cutting or as a border. \( \frac{1}{4} \) oz., 40 cts. .................. 5
2267 Mourning Cloak (White Frill). Rich, blackish velvety crimson, margined white. \( \frac{1}{4} \) oz., 40 cts. .......... 5
2268 Salmon King. Brilliant salmon rose. .......... 10
2270 Hedgewigi Fl. Pl. (Double Japan Pink). Double mixed. Colors varying from the richest velvety crimson to the most delicate rose. \( \frac{1}{4} \) oz., 30 cts. .................. 5
2277 Fireball. Rich, blood-red. Makes a striking contrast to the variety Snowball. \( \frac{1}{4} \) oz., 40 cts. ............. 5
2280 Imperialis Fl. Pl. (Double Imperial Pink). Double in a very large range of colors. \( \frac{1}{4} \) oz., 30 cts. .................. 5
2283 Striped Beauty. Striped in a great variety of colors. Very gay. \( \frac{1}{4} \) oz., 50 cts. .................. 10
2286 Malmalson. Very large double fringed flowers in a number of very beautiful bright rose tints. .......... 15
2288 Lucifer. A new double flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, a general favorite. \( \frac{1}{4} \) oz., 75 cts. ............. 15

HARDY GARDEN PINKS (Dianthus Plumarius, etc.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

2335 Cassius (Cheddar Pink). A splendid rock plant, forming dense tufts 3 inches high and bright rosy-pink flowers in May and June. .......................... 15
2340 Plumarius (Grass Pink, Scotch Pink, or Pheasant-eye Pink). A beautiful single hardy Pink, with fringed edged flowers of various colors. \( \frac{1}{4} \) oz., 50 cts. .................. 10
2336 Plumarius Semperflorens (Everblooming Hardy Garden Pinks). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. .................. 25
2337 Plumarius Fl. Pl. (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors. \( \frac{1}{4} \) oz., 75 cts. .................. 15
2342 Latifolius Atroaccineus Fl. Pl. (Everblooming Hybrid Sweet William). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; in color an intense velvety crimson scarlet. 2 pkts., 25 cts. .......... 15
2343 Latifolius Double Mixed. In addition to the brilliant crimson scarlet sort offered above, this mixture contains purple, violet and rose. .................. 10
Dianthus, or Pinks

Single Annual Pinks

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

2201 Crimson Belle. Rich velvety crimson. Per ½ oz., 40 cts. 5

2202 Eastern Queen. Beautifully marbled rose and mauve flowers. Per ½ oz., 40 cts. 5

2203 Nobilis (Royal Pinks). Selected and improved varieties of the popular single-flowering Japan pink. The colors vary from white to dark red. Per ½ oz., 40 cts. 10

2210 Hedgewigii (Single Japan Pink). Finest selected single-flowered; mixed. Per ¼ oz., 30 cts. 5

2215 Punctatus (Princess Pinks). A very novel variety, with fringed flowers; mottled, flaked, spotted, and striped in the greatest diversity of colors. Per ¼ oz., 50 cts. 10

2216 Marvelous. This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish-red. Per ½ oz., 40 cts. 10

2217 Salmon Queen. The well-formed nicely fringed flowers are a brilliant salmon color, changing into a salmon-rose when fading. The seeds of this variety are white, or yellowish white; those of other annual Pinks are dark brown or black. Per ½ oz., 60 cts. 10

2219 Vesuvius. Brilliant geranium-red; makes a very effective bed or border. Per ½ oz., 50 cts. 10

2220 Laciniatus (Single Fringed Pink). A beautiful fringed variety; various colors. Per ¼ oz., 40 cts. 5

2280 Collection Brilliant Dianthus. Containing a packet each of six of the best double and six of the best single sorts. 60

Datura (Trumpet Flower)

Ornamental annuals with large and showy flowers, making handsome plants 2 to 3 feet high.

2212 Cornucopia ("Horn of Plenty"). A grand variety, the flowers averaging 8 inches long by 6 inches across; French white inside, purple outside; delightfully fragrant; started early, will flower from early summer until fall. 10

2213 Fastuosa Huberiana. Large double flowers of various colors. ¼ oz., 25 cts. 10

Digitalis (Foxglove)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubbery, the edge of woods and other half shady places; 3 to 5 feet.

Gloxiniaflora. This is a fine strain of the ordinary Foxglove D. purpurea, with handsome spotted Gloxinia-like flowers on long spikes.

2256—Purple. ¼ oz., 40 cts 10; 2258—White. ¼ oz., 40 cts. 10

2257—Rose. ¼ oz., 40 cts. 10; 2259—Mixed. All colors. ½ oz., 30 cts. 10

2266 Grandiflora. Light yellow flowers in good spikes. ¼ oz., 30 cts. 10

2267 Maculata Superba. An extra choice strain of beautifully spotted sorts. ¼ oz., 30 cts. 10

2270 Monstrosa (Mammoth Foxglove). Long spikes surmounted by one enormous flower; very odd; all colors mixed. ½ oz., 40 cts. 10

2271 Lanata. A distinct species, producing dense spikes, 2 to 3 feet high, of odd looking flowers, the corolla being gray, the lip creamy white. 10

Digitalis (Foxglove)

Double-Flowering Annual Pinks and Hardy Pinks are offered on page 84.
DIDISCUS (Blue Lace Flower)

2311 Coeruleus. This pretty and interesting annual blooms most profusely from July till November; their exquisite pale lavender blossoms are excellent for cutting; plants grow about 18 inches high, and have as many as 50 flowers open at one time. 2 pks., 25 cts. 15

DIMORPHOTHECA (African Golden Daisy)

2375 Aurantiaca. An extremely showy annual daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are 2½ inches and over across, are a unique, rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. ½ oz., 40 cts. 10

2374 Aurantiaca Hybrid. Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. ½ oz., 50 cts. 15

Dracena (Dragon Plant)

2386 Indivisa. Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. ½ oz., 25 cts. 10

DOLICHOS (Hyacinth Bean)

A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet. (See cut.)

2377 "Daylight." This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had by the middle of July attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green and not affected by insect pests. Per oz., 30 cts. 10

2376 "Darkness." Identical in every way to the above except in color, which is rich purple violet. Per oz., 30 cts. 10

2380 Lablab, Mixed. Purple and white. Per oz., 20 cts. 5

ECHINOPS (Globe Thistle)

2404 Ritró. Striking hardy perennial plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. Excellent for the back of the hardy border among other tall plants; 3 to 5 feet. 10

ERYNGIUM (Sea Holly)

2421 Amethystinum. Handsome ornamental hardy plants, growing 2 to 3 feet high, with beautiful thistle-like heads of amethystine-blue; fine for winter bouquets. 15

Asters are one of our leading specialties. See Specialties, pages 52 to 62; also pages 67 to 70
ESCHSCHOLTZIA (California Poppy, Gold Cups)

Very attractive annuals for beds, edging or masses; profuse-flowering, fine-cut, glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination, either in the garden or when cut; 1 foot. (See cut.)

<table>
<thead>
<tr>
<th>Variety</th>
<th>description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2423 Californica Aurantiaca</td>
<td>Rich golden orange</td>
<td>5</td>
</tr>
<tr>
<td>2424 Calycina Rosea</td>
<td>Soft flesh-pink, petals fluted. per oz., 50 cts.</td>
<td>5</td>
</tr>
<tr>
<td>2425 Crimson King</td>
<td>Rich carmine-crimson; an extra select strain; per oz., 25 cts.</td>
<td>10</td>
</tr>
<tr>
<td>2432 Golden West</td>
<td>Bright buttery yellow with orange centre. Per oz., 40 cts.</td>
<td>5</td>
</tr>
<tr>
<td>2433 Mandarin</td>
<td>Inner side of the petals rich orange, outside brilliant scarlet. Per oz., 40 cts.</td>
<td>5</td>
</tr>
<tr>
<td>2435 Vesuvius</td>
<td>Rich wallflower or coppery-red. Per oz., 25 cts.</td>
<td>10</td>
</tr>
<tr>
<td>2439 Collection</td>
<td>containing a packet each of the above 6 splendid sorts, 30 cts.</td>
<td>10</td>
</tr>
<tr>
<td>2438 Double-flowering Mixed</td>
<td>Per oz., 25 cts.</td>
<td>10</td>
</tr>
<tr>
<td>2440 Single Mixed</td>
<td>All colors. Per oz., 30 cts.</td>
<td>5</td>
</tr>
</tbody>
</table>

ECHINOCYSTIS (Wild Cucumber Vine)

2401 Lobata. One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers in July and August. Per oz., 30 cts. 5

ERYSIMUM (Fairy Wallflower)

2411 Pereskianum. A pretty annual, growing about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Oz., 30 cts. 5

EUPATORIUM (Thorough Wort)

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation.

2442 Ageratoides. A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October. 10

2441 Frasere. A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets; 1/4 feet 10

EUPHORBIA

Strong-growing annuals, suitable for beds of tall growing plants, or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

2452 Variegata (Snow on the Mountain). Attractive foliage; veined and margined with white; 2 feet. Per oz., 40 cts. 10

2451 Heterophylia (Annual Poinsettia). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy green leaves which about midsummer become a beautiful orange-scarlet, presenting a striking and brilliant appearance. 15
EVERLASTING FLOWERS

2469 To meet the growing demand for these for use in winter bouquets we have made up a collection containing a packet each of the best eight varieties. Price 50 cts.

FERNS

2470 Mixed. Should be grown in a peaty, sandy soil, and moist, shady position in the garden during summer. Sow on the surface in seed pans or pots, keep moist, and in a temperature of 60 degrees... 15

GERANIUM (Pelargonium)

2530 Zonale, Mixed. A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transplanted to the open in May or June... 16

GEUM (Avens)

2541 Atrosanguineum Fl. Pl. Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets. ½ oz., 40 cts.... 10

2542 Mrs. Bradshaw. Large double brilliant orange scarlet; in flower throughout the entire summer... 15

GLOBE AMARANTH (Gomphrena)

Popularly known as "Bachelor's Button," a first-rate bedding plant; the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes.

2570 Mixed. 2 feet. ½ oz., 25 cts... 5

For Winter Bouquets the Everlasting Helichrysums are splendid. See page 91

GAILLARDIA (Blanket Flower)

Annual Varieties

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; ½ feet.

PER PKT.

2496 Picta. Crimson and orange. ¼ oz., 25 cts. 5

2500 Picta Mixed. Single sorts; fine colors. ¼ oz., 25 cts... 5

2498 The Bride. This new double-flowering creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems... 10

2497 Double-flowering Mixed. A charming, profuse, double-flowering strain; beautiful mixed colors. ¼ oz., 40 cts... 16

Hardy Perennial Varieties

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

2503 Kermesina Splendens. Centre rich crimson, narrow canary-yellow border... 15

2502 Grandiflora Compacta. A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. ¼ oz., 40 cts... 15

2505 Grandiflora Copper-red. A striking new color in this popular perennial. 3 plts., 50 cts... 20

2510 Grandiflora Superb Mixed. Our own saving; splendid combinations of crimson and gold in great variety. ½ oz., 30 cts... 10
GODETIA

Attractive, hardy annuals, deserving more extensive cultivation. The plants bloom profusely, and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil; 1 foot. (See cut.)

2585 Brilliant. Glowing carmine-rose; very bright and satiny. ½ oz., 30 cts. ........................................ 10
2586 Duchess of Albany. Pure white, of compact growth. ¼ oz., 30 cts. ........................................ 10
2587 Gloriosa. Large, satiny, brilliant blood-red flowers; richest color of all. ¼ oz., 30 cts. .................. 10
2588 Rosamond. A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. ¼ oz., 30 cts. ........................................ 10
2590 Mixed. All colors. ¼ oz., 20 cts. ........................................ 5

ORNAMENTAL GOURDS

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the 12 kinds offered below.

2606 African Pipe. The stem ends of the fruits are much used in making pipes. No. 8. ........................................ 5
2607 Apple-shaped. No. 1. ........................................ 5
2611 Bottle-shaped. No. 10. ...........................................
2612 Dipper, or Calabash. No. 7. ........................................ 5
2613 Egg-shaped. Fruit white like an egg. No. 4. ................... 5
2614 Hercules' Club. Club-shaped; 4 feet long. No. 12. ................... 5
2615 Luffa (Dish-ray, Sponge or Bonnet Gourd). No. 9. ................. 5
2616 Orange-shaped (Mock Orange). No. 3. ............................. 5
2617 Pear-shaped. Striped; very showy. No. 2. ............................. 5
2619 Spoon. A very odd variety. No. 5. ........................................ 5
2621 Knob Kerrie. A very ornamental variety, bearing fruit having a slender stem 3 to 5 feet long, with a round knob or ball on the end. No. 6. ........................................ 5
2622 Turk's Turban. Red striped. No. 11. ........................................ 5
2629 Collection of the above 12 varieties, 50 cts. ...........................
2630 Mixed Varieties. All kinds. Per oz., 25 cts. ...........................

GLOXINIA

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March. PFKT.

2578 Hybrida Grandiflora. An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts. .......................... 50

GOLDEN ROD

(Solidago Canadensis)

2601 The well-known golden-yellow favorite; hardy perennial; 2 to 5 feet. .......................... 10

GREVILLEA

(Silk Oak)

2681 Robusta. A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree. .......................... 10

SPECIALTIES IN FLOWER SEEDS

See pages 52 to 62
ORNAMENTAL GRASSES

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent position in many of the finest public parks, etc. The following are the most popular varieties.

2638 Agrostis Nebulosa (Cloud Grass). An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. 

2641 Briza Maxima (Quaking Grass). In great demand for grass bouquets.

2644 Coix Lachrymae (Job’s Tears). Broad, corn-like leaves and hard, shining pearly seeds; annual. Per oz., 20 cts. 

2647 Eulalia Zebra (Zebra Grass). Light green, barred with creamy white. Variegation runs across foliage.

2648 — Variegata. Long, narrow, green leaves, striped with white; fine feathery plumes; very ornamental.

2651 Gynernium Argentenum (Pampas Grass.) White silvery plumes; perennial; blooms the second season.

2654 Pennisetum Longistylum. Extremely graceful greenish-white plumes; excellent for beds; annual; 2 ft. ¼ oz., 30 cts.

2655 — Rueppelianum (Purple Fountain Grass). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 ft. (See cut.) Per ½ oz., 30 cts.

2656 — Japonicum. A new hardy variety, and one of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year.

2661 Uniola Latifolia (Spike Grass). A pretty native perennial variety, with very ornamental graceful drooping panicles; 3 to 4 ft.

2669 Collection of Grasses. 10 varieties, noted above.

HELENIUM (Sneezewort)

Strong growing hardy perennials, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer.

2711 Autumnale Superbum. Golden-yellow flowers; 5 to 6 ft...

2713 Riverton Gem. Flowers opening old gold, changing as they mature to wallflower red; 3 ft. 2 pkts., 25 cts.
HELIANTHUS (Sunflower)
Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

ANNUAL SUNFLOWERS
The annual Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

2696 Cucumerifolius (Miniature Sunflower). Small, single, rich yellow flowers. An abundant bloomer; 4 feet. ½ oz. 20 cts. 5
2697 — Orion. Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. ½ oz. 30 cts. 10
2698 — Perkeo. A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are many positions, such as the front of borders or beds of plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. ½ oz. 30 cts. 10
2699 — Stella (Improved Miniature Sunflower). Diffs from the type by its larger and better formed flowers of the purest golden-yellow, with black disc. ½ oz. 25 cts. 5
2700 — New Miniature Mixed. A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut.) ½ oz. 30 cts. 10
2705 Cucumerifolius Fl. Pl. The double-flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden yellow. ½ oz. 30 cts. 5

2703 Double Chrysanthemum-flowered. Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Per oz. 30 cts. 10
2706 Nanus Fl. Pl. (Globe of Gold). Dwarf, double yellow flower; 4 feet. Per oz. 30 cts. 5
2704 Globose Fistulosus (Globe or Dahlia Sunflower). Flowers large, double, of a rich saffron color; 6 feet. Per oz. 30 cts. 5

Hardy Perennial Sunflowers
2710 Mixed. Contains the finest single-flowering hardy perennial sorts. Seeds soon early will produce flowering plants the first year; as subjects for the hardy border as well as for cutting they are of great value. 15

HELICHRYSUM (Straw Flower)
Monstrosum Fl. Pl. One of the best of "Everlastings." Exceedingly effective double flowers in rich colors, making a fine display in beds or borders, but especially grown to dry and use in baskets and vases through the winter; when wanted for this purpose they should be cut with as long stems as possible, and when the blooms are about one-third open, take off all foliage, tie in bunches and hang head downwards in some dark, dry place until cured; they succeed in any good garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardly annuals; 2½ feet. We offer the following choice colors:

2721 Crimson. Very rich, ½ oz. 30 cts. 5
2722 Fireball. Bright red. ½ oz. 30 cts. 5
2723 Goldenball. Golden yellow. ½ oz. 30 cts. 5
2724 Rose Carmine. Rich and glossy. ½ oz. 30 cts. 5
2725 Silver Ball. Glistening white. ½ oz. 30 cts. 5
2726 Violet. Very rich color. ½ oz. 30 cts. 5
2729 Mixed. All colors. ½ oz. 25 cts.; oz. 75 cts. 5
2719 Collection. A packet each of the 6 colors. 50

Try Helichrysum or Straw Flowers for Winter Bouquets. Offered on this page
HIBISCUS (Marshmallow)
Showy ornamental perennial plants for mixed beds or shrubbery borders, having large-sized beautifully colored flowers. PER PT.
2771 Moscheutos. Rose-pink flowers ........................................... 10
2772 Crimson Eye. Flowers of the largest size, pure white, with a large spot of velvety-crimson in the centre ........................................... 10
2773 Giant Yellow or Golden-Bowl. Flowers from 6 to 9 inches diameter; of a rich deep cream, with a velvety-maroon centre ........................................... 15

NEW GIANT HIBISCUS
A wonderfully improved form of our native Marshmallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings comprise rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; and are perfectly hardy. The seed we offer has been saved from our own plants.
2776 New Giant Dark-red .................................................. 10
2777 — Mallow Pink .................................................. 10
2778 — Pure White .................................................. 10
2779 — Mixed. All colors. 1/4 oz., 25 cts ........................................... 10

HONESTY (Moonwort, Satin Flower)
2801 Hardy biennials, admired for their silvery seed pouches, which are used for house ornamentals, as they present a beautiful and rather curious appearance; 2 feet. 1/4 oz., 30 cts ........................................... 10

HUMULUS (Japanese Hop)
2811 Japonicus. A very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. 1/2 oz., 25 cts ........................................... 5
2812 Variegatus. A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. 1/2 oz., 30 cts ........................................... 10

HELICANTHUS (Rock or Sun Rose)
2717 Mutabile. Exceedingly pretty low growing, evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties ........................................... 10

HELIOPSIS (Orange Sunflower)
2731 Pitcheriana. A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color about 2 inches in diameter; of very thick texture and very graceful for cutting ........................................... 10
2732 Scabia Zinniaeflora. A new double flowering form bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennial plants for cutting. 2 pkts., 25 cts ........................................... 15

HELIOTROPE (Cherry Pie)
A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed started indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May.
2737 Lemoine’s Giant. Of robust growth and produces very large heads of flowers; mixed colors. 1/4 oz., 50 cts ........................................... 15
2738 Regal. A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades ........................................... 25
2740 Mixed. All colors of the regular type. 1/4 oz., 40 cts ........................................... 10
2738 Collection of 6 distinct colors ........................................... 50

HEUCHERA (Coral Bells or Alum Root)
2761 Sanguinea. One of the finest hardy perennials. The flowers are of a rich, bright coral-red color; the leaves light green and slightly hairy. Excellent for cutting ........................................... 15

HUNNEMANNIA
(Giant Yellow Tulip Poppy, or Bush Eschscholitzia)
2821 Fumariifolia. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. 1/4 oz., 25 cts ........................................... 10
HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

DOUBLE VARIETIES

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results:

<table>
<thead>
<tr>
<th>Variety</th>
<th>PER 3/4 OZ. PER PKT.</th>
<th>PER 3/4 OZ. PER PKT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2782 Maroon</td>
<td>50</td>
<td>10</td>
</tr>
<tr>
<td>2785 Salmonrose</td>
<td>50</td>
<td>10</td>
</tr>
<tr>
<td>2788 Bright Rose</td>
<td>50</td>
<td>10</td>
</tr>
<tr>
<td>2787 Yellow</td>
<td>50</td>
<td>10</td>
</tr>
<tr>
<td>2789 Extra Choice Double Mixed</td>
<td>40 cts.</td>
<td>10</td>
</tr>
<tr>
<td>2788 Collection of a packet of the above 6 colors, 50 cts.</td>
<td></td>
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</tr>
</tbody>
</table>

2781 'Allegheny.' Mammoth flowers, wonderfully formed of loosely arranged fringed petals which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. Per 3/4 oz., 30 cts. 10

2791 Newport Pink. One of our own introductions, and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, exquisite in shade, flowers very double. Per 3/4 oz., 60 cts. 15

SINGLE VARIETIES

Many prefer the single-flowering Hollyhocks. They are usually of more growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors, also mixed, viz.:  

<table>
<thead>
<tr>
<th>Variety</th>
<th>PER PKT.</th>
<th>PER PKT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2792 Black Maroon</td>
<td>15</td>
<td>12796 Red</td>
</tr>
<tr>
<td>2794 Mauve</td>
<td>15</td>
<td>12797 White</td>
</tr>
<tr>
<td>2795 Pink</td>
<td>15</td>
<td>12799 Yellow</td>
</tr>
<tr>
<td>2798 Mixed</td>
<td>15</td>
<td>2799 Mixed</td>
</tr>
<tr>
<td>2799 Collection of a packet of the six colors, 50 cts.</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

IBERIS (Hardy Candytuft)

2824 Gibraltarica Hybrida. White shading to lilac. 10
2825 Sempervirens. A profuse, white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot. 15

IRIS (Flowering Flag)

2890 Kampephi (Japanese Iris). The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. 1/4 oz., 30 cts. 10

IPOMOEA

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

2853 Grandiflora (Moon Flower). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per 1/2 oz., 30 cts.; per oz., 50 cts. 10
2188 Quamoclit Hybrida (The Cardinal Climber). See Specialties, pages 62 to 63. 2 pkts., 25 cts. 15
2854 Rubra Cerulea (Heavenly Blue). Immense flowers of bright sky blue; very beautiful. 2 pkts., 25 cts. 15
2855 Setosa (Brazilian Morning Glory). Flowers of pleasing rose color, borne very freely in large clusters. As a quick growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts. 10
2880 Mixed Imperial Japanese (Emperor Morning Glories). These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. Oz., 30 cts. 5

Imperial Japanese Ipomoeas

Do not fail to try Salpiglossis and Scabiosa shown in colors and offered on pages 56 and 57.
ANNUAL LARKSPURS

This is one of the best-known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plants. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubbery border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

Double Stock-flowered. The finest variety with splendid spikes of beautiful double flowers. 2½ to 3 feet. (See cut.)

<table>
<thead>
<tr>
<th></th>
<th>PER PKT</th>
<th>PER PKT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dark Blue</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Shell Pink</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Lilac</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Sky Blue</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Lustrous Carmine</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Newport Pink</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finest Mixed</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

LAVENDER (Lavandula Vera)

2971 Well-known, sweet-scented, hardy perennials; should be extensively grown in the mixed border; 3 feet. ½ oz., 25 cts. 10

LIATRIS (Blazing Star, or Gay Feather)

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy-purple flowers from July to September; 3 to 4 feet. Mixed varieties. 10

LINARIA

2991 Cymbalaria (Kenilworth Ivy, or Mother of Thousands). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. 15

IMPATIENS (Sultan's or Zanzibar Balsam)

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

KOCHELIA (Standing Cypress, or Belvedere)

2911 Trichophylla. An easily-grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by mid-summer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. (See cut.) ½ oz., 25 cts. 5

LANTANA

2920 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. ½ oz., 30 cts. 10

LATHYRUS (Everlasting, or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.

2954 Latifolius "White Pearl." The finest white 15
2955 Pink Beauty. Rosy pink 10
2960 Mixed. All colors. ½ oz., 60 cts. 10

LAVATERA (Annual Mallow)

2976 Trimestris Grandiflora Rosea. A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. ½ oz., 25 cts. 10

For Hardy Larkspurs see Delphiniums page 83
LINUM (Flax)

3002 Grandiflorum Rubrum (Scarlet Flax). One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Oz., 30 cts... 5

3003 Perenne. Bright blue flowers; hardy; 18 inches. 1 oz., 25 cts. ........................................... 10

LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. Cardinals is one of the finest native hardy perennials.

3012 Crystal Palace Compacta. Rich deep blue; dark foliage; the finest dark blue for bedding. Per 1 oz., 50 cts... 10

3013 Blue Emperor. A very compact variety; sky blue flowers 10

3016 White Gem. Forms a perfect ball of snow-white flowers 10

3022 Gracilis. Light blue; light green foliage; trailing...... 10

3023 Speciosa. Ultramarine blue; dark leaved; trailing... 10

3024 Tenor. Of upright habit; about 15 inches high, with very large flowers of rich cobalt blue with white eye.... 15

3020 Mixed Compacta Varieties. All colors. Per 1 oz., 40 cts........ 10

3031 Cardinalis (Cardinal Flower). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet.......................... 15

LYCHNIS

(Rose Campion, Jerusalem Cross)

Handsome hardy perennial plants of easy culture, for massing in beds and borders, blooming the first year if sown early.

3061 Chalcedonica. Fine scarlet flowers; 2 feet. 1 oz., 25 cts........... 5

3062 Haageana. Brilliant orange, scarlet, crimson, etc.; in mixture; 1 foot. 15

3068 Viscaria Splendens. Bright rose-red, very showy. 1 foot.......................... 10

MATRICARIA

3054 Blue

3055 Moerheimi. Rose and pink. A packet each of the 4 colors. 35 cts

3058 Mixed. All colors. Oz., 30 cts.......................... 5

3060 New Hybrid Mixed. Contains a number of new and unusual colors. 25

LYTHRUM (Loose-strife)

3071 Roseum Superbum. A very pretty hardy perennial; grows about 3 feet high, and produces spikes of rosy-flowers from July to September 10

MARVEL OF PERU, OR FOUR O'CLOCKS

(Mirabilis Jalapa)

3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Oz., 20 cts.......................... 5

MATRICARIA

3121 Capensis Alba Plena (Double White Feverfew). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches.......................... 10

MATTHIOLA

3125 Bicornis (Evening Scented Stock). This old-fashioned annual has so beauty to recommend it, the flowers being a dull, purplish-lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. 1 oz., 25 cts.......................... 5

Our List of Sweet Peas contains nothing but the very finest varieties. See pages 111 and 113
**MARIGOLDS**

The African and French Marigolds are old favorite free-flowering annuals of easy culture; both are extremely effective and are well adapted for large beds or mixed borders; they succeed best in a light soil, with full exposure to the sun. A vase or bowl of any of the rich yellow sorts, in combination with a few blue Larkspurs or Cornflowers, is very striking.

*(See also Calendulas and Tagetes)*

### Dwarf Double French Marigolds

Few annuals are as effective as the French Marigolds or flower for so long a period; they all form dense bushes not over 12 inches high, and are unequalled for borders or beds.

- **Gold Striped**. Very double golden-yellow, each petal striped with rich brownish-red. Per ½ oz., 40 cts. .......... 10
- **Gold Edged Brown**. Bright golden-yellow with narrow margin of velvety brown. Per ½ oz., 40 cts. .......... 10
- **Golden Ball**. A splendid pure gold en yellow, flowers of good size and makes a very effective golden line or bed. Per ½ oz., 40 cts. .......... 10
- **Lemon Ball**. Similar to the above except in color, which is a light lemon-yellow. Per ½ oz., 40 cts. .......... 10
- **Brunea**. Double quilled flowers of a rich brown with narrow thread-like edge of yellow. Per ¼ oz., 40 cts. .......... 10
- **Collection**. Containing a packet each of the above 6 varieties, 40 cts.
- **French Mixed**. A splendid mixture saved from fine double flowers; all colors. Per ¼ oz., 25 cts. .......... 5

### Dwarf Single French Marigold

- **Legion of Honor** (Little Brownie). A single-flowering Marigold, forming compact bushes 9 inches high. Begins flowering early, commencing in June, continuing until frost. The flowers are golden yellow, marked with a large spot of velvety crimson at the base of each petal. (See cut.) ¼ oz., 25 cts. .......... 5

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**French Marigolds**

**Double African Marigolds**

Splendid for beds or borders; the tall varieties grow about 3 feet high, the dwarf sorts 18 to 24 inches.

- **Orange Prince**. A high-bred tall-growing variety, bearing large, perfect double-quilled flowers of a rich deep golden-orange color; the finest of all and very showy. Per ¼ oz., 50 cts. .......... 15
- **Lemon Queen**. A counterpart of Orange Prince except in color, which is a soft lemon-yellow, and forming a fine contrast to the rich orange of the former. Per ¼ oz., 50 cts. .......... 15
- **El Dorado**. Large double imbricated flowers in all shades of yellow; 3 feet. Per ¼ oz., 40 cts. .......... 10
- **Pride of the Garden**. A dwarf growing double quilled golden yellow. Per ¼ oz., 40 cts. .......... 10
- **Dwarf Citron**. Double quilled light citron yellow flowers; 18 inches. Per ¼ oz., 40 cts. .......... 10
- **Dwarf Orange**. Double quilled deep orange yellow flowers, dwarf habit. Per ¼ oz., 40 cts. .......... 10
- **Collection**. Containing a packet each of the above 6 varieties, 50 cts.
- **Double Mixed**. African varieties containing all of the colors; 2 to 3 feet. Per ¼ oz., 25 cts. .......... 5

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*We offer a fine line of the best books on Horticultural subjects. See inside of back cover.*
MIGNONETTE (Reseda)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

3152 Defiance. When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. ½ oz., 25 cts. ............................................. 10

3153 Golden Machet. Distinct variety of Machet, with massive spikes of golden-yellow blossoms. ½ oz., 25 cts. ............................................. 10

3154 Goliath. Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. (See cut.) ½ oz., 50 cts. ............................................. 15

3158 Machet. Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant; one of the best. ½ oz., 25 cts. ............................................. 10

3162 Salmon Queen. Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. ½ oz., 25 cts. ............................................. 10

3164 White Goliath. This splendid white variety has the same massive spikes of bloom as the red sort. ½ oz., 50 cts. ............................................. 15

3163 Sweet-scented (Reseda Odorata). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. ............................................. 5

3169 Collection of above 7 varieties of Mignonette. ............................................. 60

MINA

3202 Sanguinea. A beautiful and rapid-growing climber, producing innumerable brilliant blood-red flowers. ½ oz., 15 cts. .......................... 5

MAURANDIA

3150 Barclayana. Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet; mixed colors, including purple, blue, white and rose. .......................... 10

MESEMBRYANTHEMUM

2831 Crystallinum (Ice Plant). Dwarf-trailing annual plants. Flowers white, prized for its singular icy foliage. ............................................. 5

MIMOSA (Sensitive or Humble Plant)

3181 Pudica. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet. .......................... 10

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

3191 Moschatus (Musk Plant). Fine for hanging baskets, etc.; small yellow flowers; fragrant foliage. ............................................. 15

3192 Tigrinus (Monkey Flower). Fine mixed spotted varieties. .......................... 10

MOMORDICA

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warty, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rockwork, stumps, etc.; annuals; 10 feet.

3211 Balsamina (Balsam Apple). Round apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two. .......................... 5

3212 Charantia (Balsam Pear). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally. .......................... 5
**NEMESIA**

3401 Dwarf Large-flowering Hybrids. A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. 2 pkts., 25 cts............. 15

**NICOTIANA**

3411 Affinis (Tuberose-flowered Tobacco). Delightfully sweet-scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. ½ oz., 25 cts................................. 5

3414 Sanderse Hybrids. A splendid type in a great variety of colors......................................................... 10

3415 Sylvester. Plants of pyramidal growth; 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens........... 10

**NIGELLA** (Love in a Mist or Devil in the Bush)

3430 Damascena. A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seedpods; of easy culture; growing in any garden soil; hardy annually; blue and white mixed; 1 foot. Oz., 50 cts.................................................................. 5

3431 Miss Jekyll. A lovely variety, with cornflower-blue blossoms; splendid for cutting. (See cut.) ½ oz., 25 cts...................... 10

**OENOTHERA** (Evening Primrose)

The evening Primroses are elegant hardy plants for growing in an exposed sunny position, either in the border or on the rockery, blooming the greater part of the summer.

3435 Missouriensis. Large, golden-yellow flowers; 1 foot........ 10

3437 Speciosa. Pure white flowers 3 inches across; 18 inches........ 10

**MUSAEENSETE** (Abyssinian Banana)

3221 A splendid plant for the open air in the summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hothed or bottom heat in greenhouse. Tender perennial; 10 to 20 feet. 15 cts. per pkt. of 5 seeds; 25 seeds for 50 cts.

**MYOSOTIS** (Forget-me-Not)

Few spring flowers are more admired than the lovely Forget-Me-Not, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

3231 Alpestris Royal Blue. Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. ½ oz., 40 cts........................................................... 10

3232 — Robusta Grandiflora. Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. ½ oz., 40 cts........................................................... 10

3235 — Victoria. A favorite sort, with fine head of large, clear azure-blue flowers; plants bushy and compact; makes a fine edging or bed........................................................... 10

3239 — Mixed. A mixture of blue, rose and white-flowered varieties. Per ½ oz., 30 cts............................................... 5

3238 Dissitiflora. Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs................................................. 15

3238 Palustris Semperflorens. An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. 2 pkts., 25 cts. 15

The Cardinal Climber is a most attractive Annual Vine. See Specialties, pages 52 to 62.
DREER'S SUPERB NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

**TOM THUMB, DWARF OR BEDDING VARIETIES**

3336 Chameleon. Various colors on one plant.
3338 Crystal Palace Gem. Yellow, maroon blotches.
3341 Empress of India. Fiery crimson, dark foliage.
3344 King of Tom Thumbs. Deep crimson maroon, dark foliage.
3347 King of Tom Thumbs. Dark scarlet, dark leaves.

Price. Any of the above Dwarf sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per ½ lb.
3379 Dreer’s Collection of a liberal packet each of the 12 above dwarf varieties. 50 cts.
3369 Dreer’s Collection of 1 oz. each of the 12 above dwarf varieties. $1.50.

**TALL OR CLIMBING VARIETIES**

(Tropaeolum Majus)

Elegant and luxurious climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

3291 Chameleon. Different richly colored flowers on the same plant.
3297 King Theodore. Deep crimson maroon; dark foliage.
3299 Orange. Pure orange; no markings.
3305 Pearl. Creamy white.
3307 Prince Henry. Cream, spotted and tipped scarlet.
3308 Purple. Rich shade of purplish crimson.
3309 Rose. A lovely shade of ruby rose.
3310 Scarlet. Glowing vermilion.
3304 Schuermannii. Yellow, spotted and marbled brownish-red.
3306 Spotted. Rich yellow, spotted garnet.
3307 Vesuvian. Salmony rose; an exquisite shade.

Price. Any of the above Tall sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per ½ lb.
3329 Dreer’s Collection of a packet each of 12 above climbing sorts, 50 cts.
3319 Dreer’s Collection of 1 oz. each of 12 above climbing sorts, $1.50.

**Lobb's Climbing Nasturtiums**

(Tropaeolum Lobbianum)

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades; flower even more, grow to the same height and are very desirable.

3241 Ada Gray. Pale primrose yellow, almost white.
3246 Cardinal. Intense deep scarlet, dark foliage.
3248 Giant of Battles. Sulphur-yellow, blotched red.
3252 Golden Queen. Pure golden-orange.
3253 Princess Victoria. Creamy white, with fine conspicuous ruby-orange blotches.
3254 Regina. Brilliant salmon-red on opening, changing as they age to almost a cream color.
3255 Rois des Noirs (King of the Blacks). Deep velvety garnet; very rich, dark foliage.
3256 Rose Queen. Fine carmine rose.
3257 Spitfire. Brilliant orange vermilion.

Price. Any of the above, 5 cts. per pkt.; 25 cts. per oz.; 75 cts. per ½ lb.
3259 Collection of a packet each of above 12 varieties, 50 cts.
3258 Collection of 1 oz. each of above 12 varieties, $2.00.
3260 Finest Mixed. Lobb's, 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per ½ lb.; $1.50 per lb.

Our mixtures of Nasturtiums are made up out of the best named sorts, insuring a large number of colors.
**Dreer’s Perfect Pansies**

**PANSIES** are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest Pansies are, as a rule, shy seeders, which accounts for the difference in the price of the various mixtures offered.

Miss Ida D. Bennett, the well-known horticultural author and enthusiastic admirer of Pansies writes the following notes on their culture expressly for this book:

"Pansy seed germinates and the plants grow more freely in the cool, early days of spring, and for summer-blooming should be sown by the latter part of April, or early in May, in the vicinity of Philadelphia. A soil containing a proportion of leaf mould, well enriched with well-decayed cow manure, will be the most satisfactory for the growing of this flower, and it should be well dug and made fine and level.

"Sow the seeds in drills, covering them not more than four times their diameter and firming the soil well above them. The seeds germinate in from eight to twelve days, and should not be allowed to dry out during this period. Covering the seed bed with newspapers will prevent this and hasten somewhat the period of germination.

"As soon as the plants are up and large enough to handle, they should be thinned out or transplanted to stand nine inches apart in the rows. Thorough cultivation should be given from the start, as Pansies will not thrive when obliged to share the beds with a mass of weeds.

"It is a mistake to plant Pansies in the shade of a tree or buildings. An open exposure, where the wind has a free sweep over the bed is far better, and Pansies so planted are free from the long, struggling branches which produce few and inferior flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results.


<table>
<thead>
<tr>
<th><strong>GIANT TRIMARDEAU PANSIES</strong></th>
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<tbody>
<tr>
<td>We have discarded the ordinary Pansies in separate colors in favor of this type, which produces very large flowers, plants of strong, robust growth, and well adapted to the trying conditions of our climate.</td>
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<thead>
<tr>
<th><strong>TUFTED PANSIES, OR VIOLAS</strong></th>
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<tbody>
<tr>
<td>While the flowers of the Tufted Pansies are not so large as the regular type, yet they bloom so freely that they are superior to pansies where effect is wanted, the colors being particularly clear and distinct; they also bloom for a longer time. Seed sown in April produces flowering plants by June, and from then on until frost they are a sheet of bloom.</td>
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<tr>
<th><strong>PANSIES IN MIXTURE</strong></th>
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<tbody>
<tr>
<td><strong>Per Pkt.</strong></td>
</tr>
<tr>
<td>3510 Dreer’s Royal Exhibition. This strain comprises a beautiful collection of colors and markings, and is our finest mixture, both as regards size, texture and colorings. Special packet of 2000 seeds, $1.50; regular packet...</td>
</tr>
<tr>
<td>3514 Dreer’s Premium. This mixture comprises a large number of colorings, and is intended to supply the want of a first-class mixture at a moderate price. ½ oz., $1.00 25</td>
</tr>
<tr>
<td>3516 Masterpiece (Frilled Pansy). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. ½ oz., $1.00 25</td>
</tr>
<tr>
<td>3500 Giant Trimardeau. All colors. Per ½ oz., 75 cts 10</td>
</tr>
<tr>
<td>3488 Giant Golden Queen. Pure, rich yellow ...... 15</td>
</tr>
<tr>
<td>3493 Giant Royal Purple. Rich, royal blue. ...... 15</td>
</tr>
<tr>
<td>3491 Giant Lord Beaconsfield. Deep purple violet, shading to white. ...... 15</td>
</tr>
<tr>
<td>3499 Collection containing a packet each of above 6 sorts, 75 cts.</td>
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| **4401 Papilio (Butterfly Violet). Lovely violet-lilac, with small, dark eye. ...... 15** |
| **4402 Lutea Splendens. Rich golden yellow. ...... 15** |
| **4403 Blue Perfection. Deep purplish blue. ...... 15** |

| **4405 White Perfection. A fine pure white. ...... 15** |
| **4410 Mixed. A splendid mixture of the best varieties. ½ oz., 75 cts ...... 10** |

*The Tufted Pansies or Bedding Violas offered on this page are very satisfactory.*
PETUNIAS

For outdoor decoration, porch or window boxes few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. It is best to sow them indoors and transplant to the open in May. The Single Bedding kinds can be sown out of doors in May. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization.

Note.—It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weakly, while the, at first, weaker seedlings produce the very finest flowers, of best colorings.

LARGE-FLOWERING SINGLE PETUNIAS

3576 Giant of California. Flowers very large, in great variety of colors and markings, with deep yellow throats 35
3577 Ruffled Giant. Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving it the appearance as if artificially ruffled 35
3578 Fringed Ruffled Giant. This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower 50

LARGE-FLOWERING DOUBLE PETUNIAS

3580 Dreer’s Superb Large-flowering Fringed. Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed 25

SINGLE BEDDING PETUNIAS

3555 Balcony Blue. A splendid free-flowering type either for bedding or for window boxes, vases, hanging baskets, etc.; flowers average 3 inches across, of a rich velvety indigo blue 20
3556 Balcony Rose. Brilliant rose-pink; very effective 20
3557 Balcony White. The pure white form 20
3561 Dwarf Inimitable. “Star Petunia,” compact growing variety; flowers cherry-red with a white centre. ½ oz., 50 cts 15
3562 Snowball. A fine compact sort, with pure satiny-white flowers. ½ oz., 50 cts 15
3563 Pure White. Desirable for cemetery beds or where large masses of white are wanted; grows 12 to 15 inches high. Where a more compact sort is wanted we recommend “Snowball.” ½ oz., 50 cts 10
3564 Howard’s Star. A beautiful free-flowering strain, color crimson-maroon with a clearly defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. ½ oz., 50 cts 15
3565 Brilliant. Beautiful and effective compact variety; flowers brilliant carmine-pink. ½ oz., 75 cts 15
3566 Rosy Morn. Soft carmine-pink with white throat; makes a very dainty and at the same time effective border. ½ oz., 75 cts 15
3567 Striped and Blotched. A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing; ½ oz., 50 cts 10
3570 Fine Mixed. Good bright colors. ½ oz., 40 cts 5

Salpiglossis and Scabiosa are well worth growing. See pages 56 and 57
PHLOX DRUMMONDI

The annual Phlox is a native of Texas, and is known as "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc.; but it is when grown in masses, in beds or borders, that they show to best advantage.

Select Large-Flowering Varieties
(Phlox Drummondi Grandiflora)

This is the finest type, having the largest heads of blooms as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

<table>
<thead>
<tr>
<th>3601 Snow White</th>
<th>$0.50</th>
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<tbody>
<tr>
<td>3602 Shell Pink</td>
<td>$0.50</td>
<td>$0.10</td>
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<tr>
<td>3603 Deep Rose</td>
<td>$0.50</td>
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<tr>
<td>3604 Bright Scarlet</td>
<td>$0.50</td>
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<tr>
<td>3605 Rich Crimson</td>
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<tr>
<td>3606 Primrose</td>
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<tr>
<td>3607 Soft Lilac</td>
<td>$0.50</td>
<td>$0.10</td>
</tr>
<tr>
<td>3619 Collection</td>
<td>$0.50</td>
<td>$0.10</td>
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</tbody>
</table>

3620 Choicest Mixed, Large-flowering. Contains all of the colors noted above as well as a great many others, and makes a very showy bed or border. ½ oz., 40 cts.; oz., $1.25. 10

PHLOX DRUMMONDI

3600 Mixed Colors. Flowers not so large as the grandiflora type offered above, but just as free-flowering and effective. ½ oz., 30 cts.; oz., $1.00. 5

LARGE FLOWERING DWARF PHLOX

3630 A type combining the size of the individual flower and the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and will be found very effective for beds, borders, etc.; 8 inches. Mixed colors, ½ oz., 75 cts. 10

STAR PHLOX (P. Cuspidata)

3640 Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. ½ oz., 50 cts. 10

HARDY PERENNIAL PHLOX (P. Decusata)

3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondi offered above, which are annuals. The seed we send out has been saved from our own unrivalled collection, and is supplied in mixture only. Per ½ oz., 75 cts. 15

PENTSTEMON (Beard Tongue)

Highly useful and attractive perennials in the hardy border.

3532 Gloxinioides "Sensation." As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia-like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. 2 pks., 25 cts. 15

3533 Barbatus Torreyii. Spikes of brilliant coral red, very effective; June to August; 3 to 4 feet. 10

3540 Mixed. A great variety of kinds and colors. 10

PHYSALIS (Chinese Lantern Plant)

3646 Francheti. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting. 10

Do not fail to try a collection of our Famous American Asters. See Specialties, pages 52 to 62.
PHYSOSTEGIA

( False Dragon Head )

3651 Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. ...... 10

3652 Alba. A pretty white-flowered form of the above. ................. 10

PLATYCODON

(Balloon Flower, or Japanese Bellflower)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.)

3663 Grandiflorum. Large steel blue flowers. 1 oz., 40 cts. ........... 10

3664 — Album. Pure white variety. ½ oz., 40 cts. ....... 10

3662 Marieli. Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ½ oz., 50 cts. .................... 10

3661 Japonicus Fl. Pl. (Double Japanese Bellflower). Large, glossy deep blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts. .................................... 15

POLEMONIUM ( Jacob's Ladder )

3671 Caeruleum. Popular hardy perennial border plant, with bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet; May to July. ...... 10

POTENTILLA (Cinquefoil)

Charming hardy perennial plants for the border, with brilliant single or double flowers, mostly in orange, red and crimson tones, that are produced in profusion from June to August; succeeds in any soil; 18 inches.

3775 Double Hybrids. All colors .............. 25

3776 Single Hybrids. Many colors .............. 15

PUERARIA

(Japanese Kudzu Vine )

3835 Thunbergiana. To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large, and covers well; it bears small racemes of rose-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. ½ oz., 25 cts. .................. 10

Every flower garden should include the Shirley Poppies. See page 104
POPPIES

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite a while.

SINGLE ANNUAL POPPIES

3096 Dreerr's Select Shirley. This is an unusually choice strain of these charming Poppies, and is, we feel sure, better than any heretofore sent out. The artistic flowers are mostly single, but occasionally semi-double, and range in color from the purest snow-white through all the delicate tints of pink, rose and carmine to the deepest crimson and blood-red, with a liberal sprinkling of the newest salmony shades, while many flowers are daintily edged and striped; in fact, so varied are they that scarcely any two flowers are exactly alike. Per ½ oz., 25 cts.; oz., 75 cts. 10

3095 Shirley Wild-Rose Pink. This beautiful variety is a selection out of the Shirley Poppy, and which comes almost one hundred per cent. true from seed; in color a uniform bright but soft Wild-Rose pink, a color that appeals to everyone and which makes a charming bed, and of special value for cutting. Per ½ oz., 50 cts.; oz., $1.50

DREER'S SELECT SHIRLEY POPPIES

3085 Admiral. A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet round the top. These two colors form a striking contrast, and when planted in groups produce a magnificent effect. ½ oz., 20 cts. 5

3086 Charles Darwin. Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple, with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. ½ oz., 25 cts. 5

3087 Dainty Lady. Immense flowers 4 to 5 inches across, of a charming mode shade of rosy mauve, with a dark metallic blotch at the base of each petal. ½ oz., 25 cts. 5

3088 Danegro, or Danish Cross. Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts. 5

3091 English Scarlet, or Flanders. The common scarlet Field Poppy of Europe. ¼ oz., 25 cts. 10

3093 King Edward. A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2½ feet high, and produces its very large flowers with great freedom. ¼ oz., 25 cts. 10

3092 Tulip Poppy (Papaver Gloeocarpum). One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Geraniiflora Tulip; 2 feet. Per ½ oz., 30 cts. 10

3097 The Bride. A beautiful large, pure white. Per oz., 30 cts. 5

3098 Virginia. Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut. Per ½ oz., 20 cts. 5

3091 Collection of a packet each of the above 11 single varieties. 60


Poppies are continued on pages 105 and 106
DOUBLE ANNUAL POPPIES

The same culture as given at the top of the preceding page should be followed in the case of the double-flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and borders.

PER 50

3711 American Flag. Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Per oz., 30 cts.......................... 5
3712 Fairy Blush. Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 30 cts.......................... 5
3713 Golden Gate. Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts................... 5
3714 "Mikado" (The Striped Japanese Poppy). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 30 cts........... 5
3715 White Swan. Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 30 cts.................. 5
3716 Cardinal. A splendid dwarf variety of the carnation-flowered type, growing about two feet high and bearing large globular, fringed flowers of an intense cardinal red. Per oz., 30 cts........... 5
3717 Shell-pink. Similar in every way to Cardinal and White Swan, except color, which is a soft sea shell or chamois-pink. Very dainty. Per oz., 30 cts.................. 5

3720 Carnation Flowered. Splendid double-fringed flowers; mixed colors. (See cut.) Per oz., 25 cts.......................... 5
3720 Peony Flowered. Large, showy, double globular flowers, resembling a double Peony; mixed colors. (See cut.) Per oz., 25 cts... 5
3719 Collection of 6 varieties. Double Carnation flowered.......................... 25
3720 Collection of 6 varieties. Double Peony flowered.......................... 25

ICELAND POPPIES
(Papaver nudicaule)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit, with bright green fernlike foliage, formed in tufts, from which slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

3733 Bright Yellow.......................... 10
3734 Pure White.......................... 10
3736 Orange Scarlet.......................... 10
3740 Finest Mixed. All colors, ½ oz., 40 cts... 10
3738 New Hybrid Iceland. The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmony-rose, some of which are very striking.......................... 15

The Hardy Perennial Large Oriental Poppies are offered on next page
Hardy Perennial
Oriental Poppies

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

3747 **Oriental** (The Large Oriental Poppy). A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. ½ oz., 40 cts. 10

3743 **— Perry’s White.** Very distinct, pure satiny-white, with a crimson maroon blotch at the base of each petal. 25

3741 **— Oriflamme.** A gorgeous orange-scarlet; very large. 15

3744 **— Princess Victoria.** A beautiful salmony-pink. 15

3750 **Oriental Mixed Hybrids.** Saved from a large number of named sorts, embracing all of the colors. ½ oz., 50 cts. 15

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**Iceland Poppies**

This charming class of hardy Poppies is offered on preceding page.

**Dreer’s Select**

**Shirley Poppies**

We offer on page 104 an especially select strain of this beautiful annual Poppy in mixture as well as the charming Wild Rose pink variety.

**PORTULACA** (Sun Plant)

One of our finest annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil, and luxuriating in an exposed sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion. Fine for massing in beds, edgings on rock-work, and frequently used to sown broadcast over sunny banks, etc.; in any case it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed; 6 inches.

3770 **Single Mixed.** All colors. Per ½ oz., 25 cts.; oz., 75 cts. 5

3769 **Collection of 6 single distinct colors.** 40

3760 **Double Mixed.** A large percentage of the flowers will come perfectly double, of the most brilliant scarlet-crimson, white, yellow, etc. ½ oz., 60 cts. 10

3759 **Collection of 6 double distinct colors.** 50

**SALPIGLOSSIS AND SCABIOSA**

These two beautiful annuals are illustrated in colors and fully described on pages 56 and 57.
PRIMULA (Primrose)
The charming and beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May.

FRINGED CHINESE PRIMROSES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3782 Alba Magnifica</td>
<td>A magnificent pure white</td>
<td>25</td>
</tr>
<tr>
<td>3783 Covent Garden Red</td>
<td>A fine rosy red</td>
<td>25</td>
</tr>
<tr>
<td>3785 Covent Garden White</td>
<td>Free-flowering pure white</td>
<td>25</td>
</tr>
<tr>
<td>3786 Crimson King</td>
<td>Rich luminous crimson, very effective</td>
<td>50</td>
</tr>
<tr>
<td>3787 Rosy Morn</td>
<td>Beautiful delicate pink</td>
<td>50</td>
</tr>
<tr>
<td>3791 Giant Flowering</td>
<td>A strong-growing variety producing immense-trusses of extra large finely-fringed flowers in a large range of colors.</td>
<td>35</td>
</tr>
<tr>
<td>3800 Dreer’s Choicest Mixed</td>
<td>This mixture contains nothing</td>
<td>25</td>
</tr>
</tbody>
</table>

PRIMULA OBCONICA

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest flowering, but lack the very large individual blooms of the new Gianta type.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3811 Obconica Gigantea Kermesina</td>
<td>Rich crimson</td>
<td>25</td>
</tr>
<tr>
<td>3812 — Rosea. Pure rose color.</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>3813 — Mixed. All colors.</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3814 — Grandiflora Alba. Pure white</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3815 — Kermesina. Bright crimson.</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3816 — Rosea. Beautiful clear rose.</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3817 — Appleblossom. Soft pink.</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>3820 — Mixed. All colors.</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

VARIOUS PRIMROSES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3824 Kewensis.</td>
<td>This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant.</td>
<td>25</td>
</tr>
<tr>
<td>3826 Malacoides (Improved Baby Primrose).</td>
<td>A fine house plant, flowers delicate lilac.</td>
<td>25</td>
</tr>
<tr>
<td>3827 — Alba.</td>
<td>A new white-flowering form</td>
<td>25</td>
</tr>
<tr>
<td>3828 — Rosea.</td>
<td>A beautiful bright rose variety.</td>
<td>25</td>
</tr>
<tr>
<td>1500 Auricula.</td>
<td>A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches.</td>
<td>15</td>
</tr>
<tr>
<td>3825 Japonica (Japanese Primrose).</td>
<td>Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors.</td>
<td>15</td>
</tr>
</tbody>
</table>

PYRETHRUM

P. aureum is the well-known Golden Feather so much used for edging, carpet bedding, etc., while the others are most attractive hardy plants.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3841 Aureum (Golden Feather).</td>
<td>Yellow foliage. Per 75 cts.</td>
<td>5</td>
</tr>
<tr>
<td>3846 Hybridum.</td>
<td>Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers. These are nicely shown in the illustration on this page.</td>
<td>10</td>
</tr>
<tr>
<td>3847 Hybridum Grandiflorum.</td>
<td>A large flowering form of the above; mixed colors.</td>
<td>15</td>
</tr>
<tr>
<td>3845 Hybridum Fl. PI.</td>
<td>Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; 1½ feet.</td>
<td>25</td>
</tr>
<tr>
<td>3851 Ulignosum (Giant Daisy).</td>
<td>A fine hardy perennial; grows 3 to 4 feet high, and from July to September is literally hidden beneath the multitude of large white daisy-like flowers.</td>
<td>15</td>
</tr>
</tbody>
</table>

Large-Flowering Chinese Primrose

High-Grade Sweet Peas are one of our Specialties. See pages 111 to 113
RHODANTHE (Swan River Everlasting) PER PT.
3860 A charming annual; succeeds in a light rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot. .................. 10

RICINUS (Castor Oil Bean)
Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for lawns, massing or centre plants for beds.
3862 Cambodgiensis. The main stems and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained; 5 feet. Per oz., 25 cts. .................. 5
3866 Panormitanus. Immense dark brown leaves, producing a fine tropical effect. Per oz., 25 cts. .................. 5
3864 Philippinensis. A variety from the Philippines, with beautiful gigantic foliage; 10 feet. Per oz., 25 cts. .................. 5
3870 Zanzibariensis. A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. Per oz., 25 cts. .................. 5
3880 Mixed. All sorts. Per oz., 20 cts. .................. 5

ROSMARINUS (Rosemary) PER PT.
3895 Officinalis. An old favorite aromatic herb, delightfully fragrant, flowers light blue, grows about 2 feet high, should be planted in a warm dry situation, and given a little protection. 1 oz., 25 cts. .................. 10

RUDBECKIA (Cone Flower)
3901 Bicolor Superba. Fine free-flowering annual variety, growing about 2 feet high; forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety-brown spots at the base; very effective and useful for cutting. .................. 10
3902 Newmani. One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals surrounding a large black cone. .................. 15
3903 Purpurea (Giant Purple Cone-Flower). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across. .................. 10

SANVITALIA
3938 Procumbens Fl. Pl. An annual of dwarf compact growth; useful in masses in beds, or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers; in bloom all summer. (See cut.) .................. 10

Our mixtures of Nasturtiums are made up out of the best named sorts, insuring a large number of colors. See page 99
SALVIA SPLENDENS
(Scarlet Sage)

The Scarlet Sage has long been a favorite bedding plant, also grown for conservative decoration, bearing long spikes of flowers in great profusion from July to frost; seeds should be sown as early as possible, either indoors or in a hotbed, and the young plants transferred to their flowering quarters when the weather has become settled and warm. May also be sown in the open ground in May.

<table>
<thead>
<tr>
<th>PER Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Splendens (Scarlet Sage). Beautiful bright scarlet; 3/4 oz., 75 cts.</td>
</tr>
<tr>
<td>&quot;Bonfire.&quot; This is one of the finest of the Scarlet Sages, growing in a compact bush 2 feet high by 2 feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation.</td>
</tr>
<tr>
<td>Ball of Fire. A compact type and popular for beds and borders requiring a variety of dwarf habit than the regular Scarlet Sage or the variety &quot;Bonfire.&quot;</td>
</tr>
<tr>
<td>Zurich. A splendid dwarf variety, growing about 2 feet high, and is especially valuable on account of being the earliest to bloom, flowering ten days in advance of any other sort.</td>
</tr>
<tr>
<td>America, or Globe of Fire. This is the finest and most continuous blooming of all the Scarlet Sages, also the most uniform in habit of growth, which makes it particularly valuable for bedding or planting in lines.</td>
</tr>
</tbody>
</table>

VARIOUS SALVIAS

3928 Azurea Grandiflora. A hardy perennial variety, producing during August and September spikes of pretty sky-blue flowers in great profusion; 2 to 3 feet. | 10 |
3929 Farinacea. A perennial variety, but best grown as an annual. Seed sown in the open ground in May, blooming from July to frost. The fine light blue flowers are borne on long spikes held above the foliage; makes a good blue line; 2 to 3 feet. | 10 |
3951 Patens (Blue Sage). In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but it is a beautiful plant for the border or greenhouse; tender perennials; 2 feet. | 25 |

SALPIDGLOSSIS
(Painted Tongue)

We illustrate these in colors, and offer and fully describe them on page 56. They are one of the greatest favorites among annuals, partly because of its easy culture, but principally for its beautiful, almost orchid-like flowers, which it produces from early summer until late fall. Seed should be sown early in spring in a hotbed or window and transplanted when the weather is settled or directly out of doors after danger of frost. (See cut.)

<table>
<thead>
<tr>
<th>PER Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3912 Crimson</td>
</tr>
<tr>
<td>3915 Rose and Gold</td>
</tr>
<tr>
<td>3913 Primrose</td>
</tr>
<tr>
<td>3916 Scarlet and Gold</td>
</tr>
<tr>
<td>3914 Purple and Gold</td>
</tr>
<tr>
<td>3917 White and Gold</td>
</tr>
<tr>
<td>3918 Collection of a packet each of the above 6 sorts</td>
</tr>
<tr>
<td>3920 Finest Mixed. All colors.</td>
</tr>
</tbody>
</table>

Salpiglossis are shown in colors and fully described on page 56
SCABIOSA

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.)

We illustrate these in colors and fully describe them on page 87. They are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 3½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without Scabiosas, especially where flowers are wanted for cutting. We offer 6 colors, as under:

<table>
<thead>
<tr>
<th>LARGE-FLOWERING ANNUAL</th>
<th>PER</th>
<th>PER</th>
</tr>
</thead>
<tbody>
<tr>
<td>3944 Crimson.</td>
<td>Rich rosy crimson</td>
<td>10 oz.</td>
</tr>
<tr>
<td>3941 Flesh Pink.</td>
<td>Delicate tone of pink</td>
<td>10 oz.</td>
</tr>
<tr>
<td>3952 King of the Blacks.</td>
<td>Velvety black purple</td>
<td>10 oz.</td>
</tr>
<tr>
<td>3946 Rose.</td>
<td>Soft rose color</td>
<td>10 oz.</td>
</tr>
<tr>
<td>3958 White.</td>
<td>Pure white.</td>
<td>10 oz.</td>
</tr>
<tr>
<td>3959 Mixed.</td>
<td>All colors of the Improved Large-flowering</td>
<td>10 oz.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HARDY PERENNIAL SCABIOSAS</th>
<th>PER</th>
<th>PER</th>
</tr>
</thead>
<tbody>
<tr>
<td>3941 Caucasia (Blue Bonnet).</td>
<td>One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet.</td>
<td>15 oz.</td>
</tr>
<tr>
<td>3942 Japonica.</td>
<td>A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower.</td>
<td>20 oz.</td>
</tr>
</tbody>
</table>

SAPONARIA (Bouncing Bet)

3939 Caucasia flore pleno (Double-flowering Bouncing Bet).
A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches. 10 oz. 10

3911 Ocymoidea. Very showy hardy perennial rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches. 10 oz. 10

3940 Vaccaria. A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts. 5 oz. 5

SCHIZANTHUS (Butterfly or Fringe Flower)

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

3967 Dwarf Large-flowered. A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. ½ oz., 50 cts. 5 oz. 15

3968 Wisetonensis. A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. 25 oz. 25

3970 Mixed. A splendid mixture of the regular type. ½ oz., 25 cts. 5 oz. 5

Scabiosas are shown in colors and fully described on page 87.
Dreer's Select

SWEET PEAS

There are hundreds of both Orchid-flowered and Grandiflora varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list, but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. In addition to the splendid list of Orchid-flowered sorts offered on the next page we also offer the best recent introductions of both the early-flowering and the regular type, which are fully described with other Specialties on pages 62 to 62.

How to Grow Sweet Peas

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Mulford's Inoculating Culture. We can supply a special culture for Sweet Peas for 35 cts. per bottle, enough for any ordinary garden. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends upon the state of the weather as to when the seed may be sown out of doors, but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 or 4 inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. It is just as well to do the staking at the time of sowing. During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible to prevent the plants from running to seed, which would stop them from continuing in bloom.

DREER’S SELECT GRANDIFLORA SWEET PEAS

The following are the very choicest grandiflora sorts—varieties that stand at the head of their respective color, and that have the endorsement of the leading American and European specialists—and it would be impossible to select a similar list out of the vast number of grandiflora sorts that would combine in the same degree all the qualities which go to make up first-class varieties.

4254 Blanche Ferry. The popular pink and white. 4255 Dorothy Eckford. Magnificent pure white. 4243 Janet Scott. A grand deep rich pink.

Price. Any of the above, 5 cts. per pkt.; 20 cts. per oz.; 50 cts. per ½ lb.

4248 Collection of a packet each of the above 6 Select Grandiflora Sweet Peas for 25 cts.

4249 Collection of one ounce each of the above 6 Select Grandiflora Sweet Peas for 75 cts.

Dreer’s “Peerless” Mixture

4250 This mixture contains nothing but the finest grandiflora varieties blended with the greatest care, so as to produce best color effect. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per ½ lb.; $1.50 per lb.

4244 King Edward VII. The finest crimson scarlet.

4245 Lady Ursel Hamilton. A grand pale lavender.

4247 Prima Donna. A magnificent pure pink.

4251 These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 10 cts. per plt.; 20 cts. per oz.; 60 cts. per ½ lb.; $2.00 per lb.

MULFORD’S INOCULATING CULTURE FOR SWEET PEAS. Price, 35 cts. per bottle, enough for a large planting.
DREER'S SUPERB
Orchid-flowered Sweet Peas

The best of the old-fashioned or grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow as the grandiflora varieties. For list of the latest introductions, see Novelties and Specialties, pages 52 to 62.

4071 Barbara. Beautiful rich orange-salmon. A most brilliant color and makes a very effective bunch.
4074 Blanche Ferry Spencer. Identical in color to the popular pink and white Blanche Ferry; immense wavy flowers.
4077 Blue Monarch. Splendid large wavy flowers of rich deep navy blue.
4086 Countess Spencer. A lovely clear pink, shading deeper at the edges, the original of this type.
4089 Dobbie's Cream. The finest and largest primrose-yellow yet introduced.
4108 Elfrieda Pearson. The finest and largest blush pink.
4114 Fiery Cross. The sensational fiery-scarlet variety.
4117 Florence Nightingale. A large and fine pure lavender; a great favorite.
4127 Hercules. Almost identical in color to Countess Spencer—a lively rose-pink, but larger in size. Strong grower.
4136 Illuminator. Rich salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet; flowers uniformly large.
4145 King Manoe. A giant wavy-flowered lustrous maroon or deep chocolate color, a handsome, rich colored variety.
4147 King White. The finest white-seeded pure white.
4148 Lady Evelyn Eyre. A most delicately colored sort, being a pale pink lightly flushed with salmon; flowers of largest size and nicely waved.
4151 Margaret Atlee. The best rich pink. A giant in size and a strong grower.
4152 Margaret Madison. Opens a delicate azure-blue, developing to a clear, light lavender.
4194 Robert Sydenham. This grand variety is a distinct new color, being a glowing orange throughout; a good strong grower with flowers of characteristic Spencer size and form.
4196 Rosabelle. A magnificent large and finely waved bright rose. Extra fine in every way.
4198 Royal Purple. Rich royal purple. One of the finest and most distinct varieties.
4202 Scarlet Emperor. Rich deep scarlet; extra large and nicely waved.
4222 Wedgwood. Bright silvery or wedgwood blue, a beautiful and popular color.
4228 White Spencer. A pure wavy white of enormous size and splendid substance; long, strong stems.

Price. Any of the above, 10 cts. per pkt.; 50 cts. per oz.; $1.50 per ½ lb.
4208 Collection of a packet each of the entire 25 varieties offered above, $1.75.

DREER'S ORCHID-FLOWERED SWEET PEAS IN MIXTURE
4230 Read what we say about this type at top of this page. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up out of named sorts only, insuring a well balanced range of colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per ½ lb.; $2.50 per lb.

Our "Incomparable" collection of Sweet Peas is extra choice. See Specialties, pages 52 to 62.
EARLY FLOWERING SPENCER SWEET PEA

This new type is receiving great attention at the hands of the leading hybridizers, and already nearly all colors are represented. They are now very popular, and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type, and if the flowers are kept picked, continue to bloom over a period of nearly four months. We offer the following carefully selected varieties. We also offer with other Specialties on pages 52 to 62 a number of the latest introductions on this valuable type.

4525 Early Aviator. Dazzling crimson-scarlet.
4526 Early Blanche Ferry or Christmas Pink. The most popular of all; flowers pink and white. Very large and wavy.
4527 Early Blue Bird. A splendid rich, deep blue.
4528 Early Cream, or Meadow Lark. A bright, primrose yellow.
4529 Early Helen Lewis, or Morning Star. Rich, rosy salmon.
4530 Early Improved Snowstorm. This is considered the best and purest white variety.
4531 Early Fire King. Rich deep orange-scarlet.
4532 Early Lavender King. Beautiful clear lavender; a popular color.
4533 Early Mrs. A. A. Skach. A beautiful rich pink.
4534 Early Rose Queen. A popular soft rose-pink forcing sort.
4535 Early Yarrawa. The famous Australian rich rose variety and one of the best.

Price—Any of the above 15 cts. per pkt.; $1.00 per oz.

4537 Collection of a packet each of the above 12 choice varieties, $1.25.

4538 Early Flowering Orchid Mixed. A splendid mixture, containing all colors. 10 cts. per pkt.; 75 cts. per oz.; $2.50 per 1 lb.

SCARLET RUNNER BEANS

3960 Scarlet Runners. A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the sprays of bright scarlet pea-shaped blossoms. Per lb., 50 cts., postpaid; per pkt., 5 cts.

SILENE (Catchfly)

The varieties offered below are very pretty hardy perennials, well adapted for the rockery or the front of the hardy border.

3978 Alpestris. Glistening white flowers in July and August. 4 in. ..... 15

3977 Schattia (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October. 

SMILAX (Myrisphyllum Asparagoides)

3981. In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. ½ oz., 30 cts. 

3982. Solanum (Jerusalem Cherry). This is a very useful pot plant for winter decoration. It is of dwarf, branching habit; leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot. 

3992. Fra Diavolo. A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright scarlet fruits remain on the plant a long time and make it a beautiful decorative pot plant through the winter months. 

STATICE (Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

3997 Statice. Purplish-blue flowers. (See cut.) 

4000 Mixed. Containing many sorts.

The latest introductions in Sweet Peas are offered with other Specialties on pages 52 to 62.
STOCKS (Gilliflower)

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

IMPROVED LARGE FLOWERING 10 WEEKS STOCKS

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types.

<table>
<thead>
<tr>
<th>PER PKT.</th>
<th>PER PKT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4011 Blood-red</td>
<td>4015 Purple</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>4013 Light Blue</td>
<td>4016 Pure White</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>4014 Bright Pink</td>
<td>4017 Canary-yellow</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>4018 Collection</td>
<td>10</td>
</tr>
<tr>
<td>A packet each of the above 6 colors.</td>
<td>50</td>
</tr>
<tr>
<td>4020 Mixed</td>
<td>5</td>
</tr>
<tr>
<td>Double large flowering.</td>
<td>1/2 oz., 50 cts.</td>
</tr>
</tbody>
</table>

CUT-AND-COME-AGAIN

10-WEEK STOCKS

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches, all bearing very double, fragrant flowers.

<table>
<thead>
<tr>
<th>PER PKT.</th>
<th>PER PKT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4031 Princess Alice</td>
<td>4032 La France</td>
</tr>
<tr>
<td>White</td>
<td>Rose</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4033 Brilliant</td>
<td>4034 Sapphire</td>
</tr>
<tr>
<td>Blood-red</td>
<td>Dark blue</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4035 Creole</td>
<td>4036 May Queen</td>
</tr>
<tr>
<td>Creamy-yellow</td>
<td>Delicate lilac</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4037 Collection</td>
<td>4038 Collection</td>
</tr>
<tr>
<td>A packet each of the 6 colors</td>
<td>A packet each of the 6 colors</td>
</tr>
<tr>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>4040 Finest Mixed</td>
<td>60</td>
</tr>
<tr>
<td>All colors</td>
<td>1/2 oz., 75 cts.</td>
</tr>
<tr>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

MAMMOTH FLOWERING BEAUTY STOCKS

A magnificent recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers, they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from midsummer till frost.

<table>
<thead>
<tr>
<th>PER PKT.</th>
<th>PER PKT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4043 Beauty of Nice</td>
<td>4044 Crimson King</td>
</tr>
<tr>
<td>Delicate flesh-pink</td>
<td>Rich blood-crimson</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4045 Mont Blanc</td>
<td>4046 Monte Carlo</td>
</tr>
<tr>
<td>Purest white</td>
<td>Canary-yellow</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4047 Queen Alexandra</td>
<td>4048 Summer Night</td>
</tr>
<tr>
<td>Soft rosy-lilac</td>
<td>Rich deep blue</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>4049 Collection of 6 colors</td>
<td>4050 Cholcest Mixed</td>
</tr>
<tr>
<td>60</td>
<td>All colors</td>
</tr>
<tr>
<td>1/2 oz., 75 cts.</td>
<td>10</td>
</tr>
</tbody>
</table>

Sweet Rocket
(Hesperis)

4280 Old-fashioned garden plants; also known as Dame’s Rocket and Dame’s Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 50 cts. 5

Stokesia (Cornflower Aster)

Stevia

4001 Serrata. Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. 10

STOKESIA (Cornflower Aster)

4051 Cyanea. This is not new, but is a rare and beautiful hardy perennial. The plant grows about 2 feet high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. (See cut.) 1/4 oz., 40 cts. 10

4060 Cyanea Mixed. Containing many new colors. 1/2 oz., 50 cts. 15

Sweet Rocket

(Hesperis)

4280 Old-fashioned garden plants; also known as Dame’s Rocket and Dame’s Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 50 cts. 5

Every garden should have a bed of the brilliant Shirley Poppies. See page 104
**SWEET WILLIAM** (**Dianthus Barbatus**)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

- **Newport Pink.** A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 2 pks., 25 cts.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4282</td>
<td>Newport Pink</td>
<td>2 pks., 25 cts</td>
</tr>
<tr>
<td>4281</td>
<td>Scarlet Beauty</td>
<td>2 pks., 25 cts</td>
</tr>
<tr>
<td>4280</td>
<td>Holborn Glory</td>
<td>2 pks., 25 cts</td>
</tr>
</tbody>
</table>

**TAGETES**

- **Signata Pumila.** A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright, golden-yellow; a first-class border plant. (See cut.)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4301</td>
<td>Signata Pumila</td>
<td>1 oz., 50 cts</td>
</tr>
</tbody>
</table>

**THALICTRUM** (Meadow Rue)

- **Adiantifolium.** A beautiful hardy perennial; with foliage like the Maiden-hair Fern and miniature white flowers in June and July.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4304</td>
<td>Adiantifolium</td>
<td>1 oz., 50 cts</td>
</tr>
</tbody>
</table>

**TORENIA**

- **Fournieri.** A very fine annual; a splendid plant for vases, hanging-baskets, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4322</td>
<td>Fournieri</td>
<td>1 oz., 40 cts</td>
</tr>
</tbody>
</table>

**TRITOMA** (Red-hot Poker, Flame Flower, or Torch Lily)

- **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting. 2 pks., 25 cts.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4330</td>
<td>Hybrida</td>
<td>2 pks., 25 cts</td>
</tr>
</tbody>
</table>

**TUNICA**

- **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rockery or the margin of the hardy border; blooms the first season...

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4335</td>
<td>Saxifraga</td>
<td>2 pks., 25 cts</td>
</tr>
</tbody>
</table>

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Asters are one of our leading specialties. See Specialties, pages 52 to 62, also pages 67 to 70.
DREER'S MAMMOTH VERBENAS

We have been carefully selecting and improving this fine strain of Verbena for years, and can recommend it as the very best procurable. The trusses and individual flowers are of the largest size; of brilliant colors, free-blooming and of vigorous habit. For best and quickest results seed should be sown early in the house or hothed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbena are better grown from seed than from cuttings, being more vigorous and not liable to disease.

We offer the following colors:

<table>
<thead>
<tr>
<th>PER PKT.</th>
<th>PER PKT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4351 Pink</td>
<td>10</td>
</tr>
<tr>
<td>4352 Purple</td>
<td>10</td>
</tr>
<tr>
<td>4353 Scarlet</td>
<td>10</td>
</tr>
<tr>
<td>4354 Striped</td>
<td>10</td>
</tr>
<tr>
<td>4355 White</td>
<td>10</td>
</tr>
<tr>
<td>4356 Blue</td>
<td>10</td>
</tr>
<tr>
<td>4359 Collection of above 6 colors</td>
<td>50</td>
</tr>
</tbody>
</table>

4360 Dreer's Mammoth Mixed. Containing all the colors. ¼ oz., 50 cts.; oz., $1.50., 10

VARIOUS VERBENAS

4361 Hybrida, Fine Mixed. A splendid mixture, flowers not quite so large as our Mammoth Strain. ¼ oz., 30 cts. 5

4357 Lucifer. A new deep cardinal-scarlet variety of Mammoth Verbena. 25

4366 Lemon Verbena (Aloysia Cithrodora). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower 15

4365 Erinoides (Moss Verbena). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable. 10

4367 Venosa (Hardy Garden Verbena). This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. ¼ oz., 30 cts. 5

VALERIANA (Valerian)

4340 Rubra, Mixed. Showy, hardy border plants; producing large corymb of red or white flowers; fine for bouquets; mixed; 2 feet. ¼ oz., 25 cts. 10

VERONICA (Speedwell)

4374 Maritima. A very pretty Speedwell growing about 2 feet high and producing long spikes of blue flowers from July to September. 10

4376 Spicata. An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. 10

VINCA (Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in the hothed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 2 feet. (See cut.)

4381 Rosa. Rose, dark eye 10

4382 Alba. White, crimson eye. 10

4383 Alba Pur. Pure white. 10

4390 Mixed. All the colors. ¼ oz., 50 cts. 10

Try Helichrysum or Straw Flowers for Winter Bouquets. See page 91.
WALLFLOWER

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

4416 Paris Extra Early. A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring. ½ oz., 25 cts. ........................................... 10

4414 Goliath. A splendid single variety; flowers of a rich, shining red, with a black velvet sheen .................................................. 10

4420 Single Mixed. All colors. ½ oz., 20 cts. ............................ 5

4430 Double Finest Mixed. 2 pkts., 25 cts. ............................ 15

4419 Collection of Single Wallflower; 6 colors .......................... 10

WATER LILY SEEDS

We annually save a limited quantity of these at our own nurseries, and offer:

4534 Nymphaea Tender Varieties Mixed ................................. 15

4537 Nelumbium Mixed Sorts .................................................. 15

WILD GARDEN FLOWER SEEDS

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnish an abundance of flowers for cutting.

4550 Dwarf Sorts. Growing from 12 to 18 inches high, 30 cts. per oz.; $1.00 per ½ lb. .......................... 10

4560 Tall Sorts. Growing from 18 to 36 inches high, 30 cts. per oz.; $1.00 per ½ lb ........................................... 10

XERANTHEMUMS

(Xeranthemum, Everlasting, or Immortelle)

4463 Annuum. One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple, and white flowers which are not only showy in the garden, but very useful arranged flowers in winter bouquets. Grows about 3 feet high, and can be sown in the open ground early in May, growing ready in any open, sunny position, remaining in bloom from early summer till frost. Mixed colors .......................................................... 10

DREER'S SUPERB ZINNIAS

The most important varieties of this indispensable long-flowering annual is offered on page 113; but the sorts offered below should not be overlooked, all being worth while growing.

4481 Mexicana Perfection. A very dwarf variety, bearing small double flowers of unusual colorings; makes a beautiful border. 2 pkts., 25 cts. ........................................ 15

4483 Mexicana Golden Star. A pretty single flowering variety, with rich golden orange star-shaped flowers, 2 to 3 inches across, of compact growth, about 15 inches high, and makes an effective border. 2 pkts., 25 cts. .......................... 15

4485 Red Riding Hood. This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective. ½ oz., 30 cts. .......................... 10

4490 Single Mixed. For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. ½ oz., 25 cts. .......................... 5

4500 Tall Double. The old-fashioned tall-growing variety; 3 feet; mixed colors. Per oz., 40 cts. .......................... 5

4510 Zebra. A very pretty strain with striped flowers, As the colors vary on each plant, they present a curious as well as a beautiful appearance. ½ oz., 25 cts. .......................... 10

The leading varieties of Zinnias are offered on page 118
DREER’S CHOICE ZINNIAS (YOUTH AND OLD AGE)

The Zinia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer, and keep on blooming until hard frost. The varieties offered below are the most important kinds, but the sorts offered on page 117 should not be overlooked.

4440 Curled and Crested. The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinia. (See cat.) ½ oz., 30 cts. ................................. 10

4480 Double Dahlia-flowered. The latest development in Zinnias, bearing flowers of mammoth size and in form like a perfect decorative Dahlia. As the result of painstaking care and selection the size, form and coloring has been much improved the past season. The mixture which we offer contains a wonderful range of beautiful colors; 3 feet. 3 pkts., 50 cts. ................................. 20

DREER’S IMPROVED LARGE-FLOWERING DWARF DOUBLE

This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. The salmon-rose variety is especially effective.

<table>
<thead>
<tr>
<th>Variety</th>
<th>¼ oz.</th>
<th>½ oz.</th>
<th>1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canary</td>
<td>25</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Flesh-pink</td>
<td>25</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Orange</td>
<td>25</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Dark Scarlet</td>
<td>Very</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Salmon Rose</td>
<td>The most popular of all, and we are fortunate in having a good supply of select seeds this season.</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>Bright Scarlet</td>
<td>Bright and fiery</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>White</td>
<td>Pure white.</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td>Collection</td>
<td>of a packet each of the above</td>
<td>25</td>
<td>10</td>
</tr>
</tbody>
</table>

4460 Finest Mixed. All colors of the improved Large-flowering dwarf. Per ½ oz., 20 cts.; oz., 60 cts. .... 5

DREER’S SPECIAL STRAIN OF GIANT DOUBLE ZINNIAS

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 6 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc., grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

<table>
<thead>
<tr>
<th>Variety</th>
<th>¼ oz.</th>
<th>½ oz.</th>
<th>1 oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Giant Golden-yellow</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Giant Scarlet</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Giant White</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Giant Flesh-color</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Giant Primrose-yellow</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Giant Crimson</td>
<td>50</td>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>Collection</td>
<td>of a packet each of the above 6 colors</td>
<td>75</td>
<td>15</td>
</tr>
</tbody>
</table>

4520 Giant Mixed. All colors. ¼ oz., 40 cts.; oz., $1.25... 15

Do not overlook the Zinnias offered on page 117
Please read this before ordering plants

TIME OF SHIPMENT.—All plants, whether the stock is seasonal or not, are forwarded as soon after receipt of the order as possible. Many of our customers who have facilities for their care, purposely order plants out of season so as to have them on hand when planting conditions are favorable. As we do not know whether you have such facilities, you must specify on the order when you want shipment made, if you do not wish them at once.

RESERVATION OF PLANTS FOR PLANTING TIME.—While we try as far as possible to reserve plants on orders placed in advance, to be sent at planting time, it must be borne in mind that plants are highly perishable, and cannot be packed and stored for future shipment like most other kinds of merchandise. Weather conditions frequently interfere with making such reservations at the time the order is received, and when Spring opens there is usually such a congestion of orders for immediate shipment that it is impossible to make reservations. Customers may rely on us doing our utmost in making reservations, but if we fail we assume no responsibility, and all advance orders are accepted on these conditions only.

SAFE ARRIVAL GUARANTEED.—We guarantee the safe arrival of all goods sent by express or mail to points within the U.S. proper. If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Claims for damages must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant toward the centre of the bed.

<table>
<thead>
<tr>
<th>Diameter of bed</th>
<th>6 in. apart</th>
<th>12 in. apart</th>
<th>18 in. apart</th>
<th>24 in. apart</th>
<th>30 in. apart</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 feet</td>
<td>28</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 &quot;</td>
<td>48</td>
<td>12</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 &quot;</td>
<td>80</td>
<td>20</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 &quot;</td>
<td>112</td>
<td>28</td>
<td>13</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>7 &quot;</td>
<td>152</td>
<td>38</td>
<td>17</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>8 &quot;</td>
<td>200</td>
<td>50</td>
<td>23</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>9 &quot;</td>
<td>256</td>
<td>64</td>
<td>28</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>10 &quot;</td>
<td>320</td>
<td>80</td>
<td>36</td>
<td>20</td>
<td>13</td>
</tr>
<tr>
<td>11 &quot;</td>
<td>380</td>
<td>95</td>
<td>42</td>
<td>24</td>
<td>16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diameter of bed</th>
<th>6 in. apart</th>
<th>12 in. apart</th>
<th>18 in. apart</th>
<th>24 in. apart</th>
<th>30 in. apart</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 feet</td>
<td>452</td>
<td>113</td>
<td>50</td>
<td>28</td>
<td>18</td>
</tr>
<tr>
<td>13 &quot;</td>
<td>528</td>
<td>132</td>
<td>59</td>
<td>33</td>
<td>22</td>
</tr>
<tr>
<td>14 &quot;</td>
<td>612</td>
<td>153</td>
<td>68</td>
<td>39</td>
<td>25</td>
</tr>
<tr>
<td>15 &quot;</td>
<td>704</td>
<td>176</td>
<td>78</td>
<td>44</td>
<td>28</td>
</tr>
<tr>
<td>16 &quot;</td>
<td>804</td>
<td>201</td>
<td>89</td>
<td>50</td>
<td>32</td>
</tr>
<tr>
<td>17 &quot;</td>
<td>904</td>
<td>226</td>
<td>100</td>
<td>57</td>
<td>36</td>
</tr>
<tr>
<td>18 &quot;</td>
<td>1016</td>
<td>254</td>
<td>113</td>
<td>68</td>
<td>40</td>
</tr>
<tr>
<td>19 &quot;</td>
<td>1132</td>
<td>282</td>
<td>126</td>
<td>71</td>
<td>46</td>
</tr>
<tr>
<td>20 &quot;</td>
<td>1256</td>
<td>314</td>
<td>139</td>
<td>78</td>
<td>50</td>
</tr>
</tbody>
</table>

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter. (119)
DREER’S Specially Prepared

Roses for the Garden

While our old customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The hulk of our Roses are field grown plants, having been cultivated in fields during the growing season of 1921. In fall they were carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth. Our Roses are all strong two-year-old American-grown. With few exceptions our Roses are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by the most casual observer, and should be removed close to the root. Much can be said in favor of budded plants being more vigorous, producing finer blooms, come into bearing sooner, and are equally as permanent and hardy as those on their own roots, and many of the choicest sorts do not succeed unless budded or grafted.

HOW TO GROW ROSES

SITUATION.—Good Roses may be grown in any open, sunny position, if possible sheltered from north winds, and clear of all roots of trees and shrubs.

PREPARATION OF THE BEDS.—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is the top soil from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two feet or more, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds sometime in advance of planting to allow time for settling. After the soil is settled it should be about an inch below the level of the adjacent surface; make the beds not over 3½ to 5 feet wide, which enables you to pick the blooms without stepping on the bed.

PLANTING AND SUMMER CARE.—The ideal time to plant Roses as prepared by us is in the spring, just after danger from severe frost is passed.

Tea and Hybrid-Tea varieties can be set 18 inches apart, Hybrid Perpetuals two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one-half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the soil should be cultivated weekly. If this is done, watering will be rarely necessary.

PRUNING.—The Roses sent out by us in spring require no further pruning; they are ready to plant as received. For instructions how to prune during succeeding seasons, see the directions given under the headings of the different classes in the pages following.

WINTER PROTECTION.—In this latitude we have found that the most satisfactory protection is to draw up a mound of soil from 8 to 10 inches high around the base of the plant, then covering the entire beds after the ground begins to freeze with any loose material, such as strawy manure, evergreen boughs or corn stalks, and in more severe climates heavier covering is all that is required.

ENEMIES.—When grown under favorable conditions Roses are not apt to be attacked by insect pests or other troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Asperate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases, but if in spite of this spraying, mildew should affect the foliage, use Sulphide of Potassium at the rate of one-half ounce to one gallon of water. This is sometimes effective where the Bordeaux Mixture fails. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green fly or aphis, which may appear during the growing season.
GENERAL LIST OF DREER’S SELECT

HYBRID-TEA ROSES

Under this heading we offer on this and the five pages following the **World’s best Hybrid-Tea varieties**, all of them sorts which we have had the pleasure of thoroughly testing, and which we fully endorse and recommend to the large and small planter, which, together with the Dreer Dozen and the newer sorts offered on pages 117 to 130, forms not the longest list of varieties, but what is undoubtedly the **finest collection of Hybrid-Tea Roses** ever offered to the Rose loving American public. For best results Hybrid-Tea Roses should be severely pruned; the stronger shoots should be cut back to from 8 to 12 inches in height, while all weak, thin wood should be removed entirely.

**Admiral Ward** (Pernet-Ducher, 1915). A splendid crimson-red, shaded fiery red; it has large globular flowers with curved petals; its growth is vigorous; of desirable spreading habit, with healthy bronzy-green foliage.

**Amalie de Greiff** (P. Lambert, 1914). Destined to become a very popular bedding variety, large, well-formed double flowers, long shapely buds carried on long stiff stems, in color a delicate satiny rose-tinted white.

**Antoine Rivoire** (Pernet-Ducher, 1896). An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach flesh with deeper shadings; the base of the petals yellow.

**Arthur R. Goodwin** (Pernet-Ducher, 1909). A beautiful rich-colored coppery-orange; “gold of ophir,” as a visitor to our trial grounds very correctly called it who saw it in one of its stages of development; as the flower matures it opens to a soft salmon pink; a good, full flower, very free and distinct. $1.50 each.

**Betty** (Dickson & Sons, 1905). After this becomes established it produces blooms of marvellous beauty, particularly so in the autumn. Its large, deliciously-scented flowers are of a glowing coppery-rose color, suffused with a golden sheen.

**Caroline Testout.** Described and offered on page 129.

**Chateau de Clos Vougeot** (Pernet-Ducher, 1908). An ideal Rose of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand; it blooms continuously throughout the season. $1.50 each.

**Colonel Leclerc** (Pernet-Ducher, 1909). The buds are well shaped and open to flowers of beautiful cherry-red, washed with carmine-lake. An extra good flower of large size and globular form; fine autumn bloomer.

**Columbia** (E. G. Hill, 1918). This beautiful Rose is not only one of the most popular winter cut flowers, but has also proven itself a good bedding or garden variety. It is of strong, vigorous habit and exceptionally free-blooming. The flowers, of good size, are perfect in form, both in bud as well as when fully expanded. Color a most pleasing shade of rose-pink and delightfully fragrant.

**Constance** (Pernet-Ducher, 1915). A free-flowering variety, producing beautiful long orange-yellow buds of perfect form, more or less streaked with crimson; as they develop they open to a full globular flower of golden-yellow.

**Crimson Queen** (Montgomery, 1912). Strong upright habit, flowers large and full, very free flowering; color rich velvety crimson.

**Dean Hole** (Dickson & Sons, 1904). Silvery-carmine with salmon shadings, large, full, of fine form and very fragrant.

**Duchess of Wellington.** Described and offered on page 129.

**PRICE.**—Strong two-year-old plants of any of the above, except where noted, $1.00 each; $12.00 per doz.; $90.00 per 100. 25 or more supplied at the 100 rate.
Select Hybrid-Tea Roses

Earl of Warwick (Paul & Son, 1904). A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form, and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermillion.

Edgar T. Burnett (McGredy, 1915). Very large, full flowers of splendid form, with large flesh-colored petals tinted rose, an advance on the type of Rose of which the beautiful Lady Alice Stanley is a representative; one of the sweetest scented Roses in existence, even surpassing “La France” in this respect.

Edith Part (McGredy, 1914). A Rose with a novel and entirely distinct blend of color, which is a rich red with a suffusion of deep salmon and coppery-yellow with a deeper shading in the bud stage of carmine and yellow; very sweetly scented.

Edward Flawley (McGredy, 1911). A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular centre. The growth is strong and the very fragrant flowers are borne in profusion. $1.50 each.

Etoile de France (Pernet-Ducher, 1905). One of the best of the red varieties that succeeds equally well in all parts of the country; color vivid crimson with darker shadings; very double of good size and deliciously scented.

Florence Pemberton (Dickson & Sons, 1903). An excellent bedding Rose of vigorous habit of growth, flowering, profusely throughout the season, continuing in good shape during hot summer weather. In color it is a creamy-white suffused with pink, a fine bold flower with high pointed centre and great depth of petal.

Fragrant Bouquet. Described and offered on page 127.

Francis Scott Key (John Cook, 1913). This strong, sturdy growing variety of American origin, has proven a valuable Rose for the garden. The flowers are large, very double, well formed and of unusual substance, while in color it is a deep even red. $1.50 each.

General MacArthur (E. G. Hill, 1905). A well-known favorite, and one of the best all-around bedding Roses in our collection, it is one of the earliest and most perpetual flowering sorts; its flowers are of good form, of a warm, rich crimson scarlet, and delightfully scented.

George C. Waud (Dickson & Sons, 1908). A beautiful variety, possessing an entirely distinct color—a glowing vermilion with orange-red suffusion. The flowers are large, full, of perfect form and highly tea-scented; very free-flowering.

Golden Emblem (McGredy, 1918). Rich deep golden-yellow, beautifully formed long buds, delightfully fragrant. $2.50 each.

Golden Ophelia. Similar in habit of growth and freedom of flowering to Ophelia, but with a pretty golden-yellow suffusion.

Gorgeous (Hugh Dickson, 1916). Flowers large, full and exquisitely formed, of an amber yellow, veined with reddish-copper, a most striking and novel color; it is of strong, vigorous habit.

Gruss an Teplitz (Geschwind, 1888). This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.

Hadley (Wahan Conservatories, 1915). Unquestionably one of the best garden varieties of its color, a rich crimson, varying to deep velvety crimson. Its well formed, intensely fragrant flowers are produced very freely and continuously throughout the season.

His Majesty (McGredy, 1909). Dark crimson, shaded deep vermilion; the blossoms are full; of large size, having wonderful substance; exceptionally sweet scented.

Price—Strong two-year-old plants of any of the above, except where noted, $1.00 each; $12.00 per doz.; $90.00 per 100. 25 or more supplied at the 100 rate.
Select Hybrid-Tea Roses

Konigin Carola (Turke, 1904). Large flowers perfect in form, both in bud and when fully expanded. In color a beautiful satiny-rose, with the reverse of the petals silvery-rose, very floriferous.

Lady Alice Stanley. Described and offered on page 129.

Lady Ashtown (Dickson & Sons, 1904). One of the finest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double with high-pointed centre; and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals.

Lady Greenall (Dickson & Sons, 1911). Large flowers of an intense saffron-orange, heavily zoned and overspread on a deep creamy-white, the reflex of petals faintly suffused with delicate shell-pink, very fragrant. A splendid bedding variety of vigorous growth.

Lady Pirrie (Hugh Dickson, 1910). Deep copper red-dish salmon; inside of petals apricot-yellow, flushed fawn and copper; an ideal variety admired by every one.

Lady Ursula. Described and offered on page 129.

La Tosca (Schwartz, 1901). Beautiful silvery pink, with deeper centre; a very vigorous grower, with large double flowers and very free; a splendid bedder.

Laurent Carle (Perrett-Ducher, 1907). Produces its large, deliciously-scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower, and as hardy as a Hybrid Perpetual.

Leonie Lambert (P. Lambert, 1914). A splendid silvery-rose shaded salmon towards the centre, flowers of good size, produced singly on very erect stiff stems, very free flowering.

Lieutenant Chaure (Perrett-Ducher, 1907). The rich color, a brilliant velvety crimson-red and its beautiful long buds, together with its vigorous growth and prolific habit of flowering, makes this one of the most desirable of the high-colored sorts.

**Hoosier Beauty.** Described and offered on page 129.

H. V. Machin (Dickson & Sons, 1915). A gorgeous flower of large size described by the introducers as the most magnificent exhibition variety they have yet introduced; in color an intensely black-grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage.

Irish Fireflame (Dickson & Sons, 1914). A glorious single-flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold, shaded with ochre. $1.50 each.

J. G. Glassford. New Irish variety, described and offered on page 120. $2.50 each.

Jonkheer J. L. Mock. Described and offered on page 129.

Joseph Hill (Perrett-Ducher, 1904). A perfect gem and remarkably free-flowering; in color a lovely shade of salmon pink; the perfect flowers are large, full and double.

Kaiserin Augusta Victoria. Described and offered on page 129.

Killarney (Dickson & Sons, 1898). This is the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses. In color it is a sparkling brilliant pink; the blooms are large, the buds long and pointed, the petals very large and of great substance.

Killarney Brilliant. Described and offered on page 129.

Killarney Queen (Budlong, 1912). A decided improvement on the popular Killarney, with larger, fragrant, well-formed buds and flowers, which are absolutely perfect in all stages of development; they are of a sparkling cerise pink color, shading lighter at the base of the petals, a strong, vigorous grower and free bloomer.

Price—Strong two-year-old plants of any of the above, except where noted, $1.00 each; $12.00 per doz.; $90.00 per 100. 25 or more supplied at 100 rate.
Select Hybrid-Tea Roses

**Mme. Jules Bouche** (Croibier, 1911). While not a pure white, it being at times slightly tinted with blush on the reverse of the petals, we consider it one of the best white bedding Roses. It is quite double, and of fine form in bud as well as in the fully expanded flower; a strong grower and very free-flowering.

**Mme. Jules Graveaune.** Very large, double flesh-white shaded buff and peach color; a strong vigorous grower.

**Mme. Jules Grotez** (Guillot, 1897). A beautiful satiny china-rose color, very bright and attractive flowers, double, of fine form and remarkably free flowering; a distinct and pretty Rose, which should be planted extensively.

**Mme. Leon Pain** (Guillot, 1904). Entirely distinct in color, a silvery-salmon, with deeper orange-yellow, shaded centre, the reverse of the petals being a salmon-pink; flowers large, full and well formed; very free-flowering.

**Mme. Marcel Delanney** (Leenders, 1916). A surprisingly beautiful variety, and honored with the award of the Gold Medal at the Bagatelle Gardens, Paris, in 1915. It is distinct and peculiar in color, a pale soft pink or a rose shaded with hydrangea pink; the flowers are very large, full and fragrant, perfect in form and borne on rigid stems; the growth is vigorous and very floriferous.

**Mme. Melanie Soupert** (Pernet-Ducher, 1906). For delicacy in coloring it would be difficult to surpass this magnificent semi-double large-flowered variety which is especially fine in the bud form; in color, a charming pale tint of salmon-yellow with pink and carmine suffusion.

**Mme. Segond Weber** (Soupert and Notting, 1908). A grand Rose in every way. It is a vigorous grower, free-flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft tone of salmon-pink which appeals to every one.

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**Los Angeles.** Described and offered on page 129. $1.50 each.

**Louise Catherine Breslau** (Pernet-Ducher, 1912). Entirely distinct from all other Roses in color; the buds are coral-red shaded with chrome-yellow, while the expanded flowers, which are very large, are of a superb shrimp-pink shaded coppery-orange and chrome yellow.

**Lucien Chauré** (Soupert & Notting, 1914). Flesh colored, illuminated with clear rosy-cream, very large, form perfect. Growth vigorous, free-flowering, particularly good in the autumn.

**Marie Adelaide Grand Duchess of Luxembourg** (Soupert & Notting, 1913). Very distinct orange-yellow of good form, fine long buds on erect stems. As the petals unfold they become reflexed in such a manner as to give the flowers a starlike appearance.

**Marquis de Ganay** (Guillot, 1910). Very large, full globular flowers, on sturdy erect-growing plants; clear, bright, silvery-rose. A fine Rose that is always in bloom.

**Mary, Countess of Ilchester** (Dickson & Sons, 1909). A warm crimson-carmine, flowers large, very double, with large, smooth, circular petals and delightfully scented; very free-flowering.

**Milady.** A strong sturdy grower and free bloomer, with large double flowers of a rich crimson-scarlet.

**Mme. Abel Chatenay** (Pernet-Ducher, 1895). Carmine-rose with salmon shadings; long pointed buds and double flowers, a strong grower, very free-flowering, and a favorite bedding variety.

**Mme. Edmee Metz** (Soupert & Notting, 1901). A large, full double flower of elegant form of a rosy-carmine shaded salmon, a splendid bedding variety.

**Mme. Edmond Rostand** (Pernet-Ducher, 1913). This beautiful Rose is one of our favorites, and might be called an improvement on Prince de Bulgarie, being of more vigorous growth and warmer coloring; a pleasing, soft, delicate flesh shaded with salmon, and reddish orange-yellow centre, from which it varies considerably under various atmospheric conditions, but it is always beautiful; the flower is large, quite double and globular. $1.50 each.

**Mme. Edouard Herriot.** Described and offered on page 129.

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Price. Strong two-year-old plants of any of the above, except where noted, $1.00 each; $12.00 per doz.; $90.00 per 100. 25 or more supplied at the 100 rate.
Select Hybrid-Tea Roses

Miss Cynthia Ford (Hugh Dickson, 1909). Flowers of great substance, color a deep brilliant rose shading on the back of the petals to a light rosy-pink. The flowers are large, full, of perfect form, very free flowering and fragrant.

Miss Lolita Armour. Described and offered on page 128. $2.50 each.

Mrs. Aaron Ward (Pernet-Ducher, 1907). A remarkably floriferous variety of strong, vigorous, but compact growth; the flowers, which are of splendid form, full double, are equally attractive, when fully blown as in the bud stage; in color a distinct Indian-yellow, shading lighter towards the edges; under certain weather conditions, the entire flower will sometimes come a yellow-tinted white, but it is beautiful under all color variations.

Mrs. Ambrose Riccardo (McGredy & Son, 1914). A Rose with many good qualities. The flowers are of large size, quite double and of good form, in color a tender flesh-pink suffused with honey-yellow, sweet scented, a strong grower and free-flowering.

Mrs. Arthur E. Coxhead (McGredy & Son, 1910). Claret-red, shaded vermillion towards the edge and a bright rosy sheen towards the base of the petals, very sweet scented.

Mrs. Arthur Robert Waddell (Pernet-Ducher, 1908). An attractive colored variety that every one likes, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half-expanded form; a free-flowering garden variety that should be in every collection.

Mrs. Charles Russell (Montgomery, 1912). Large, globular, well formed flowers, very double of a rosy-carmine, with rosy-scarlet center; it is of strong branching habit with splendid foliage and very free flowering; one of the very popular cut flower varieties and equally good for the garden.

Mrs. Franklin Dennison (McGredy & Son, 1915). A Rose of surpassing beauty, and destined to become very popular; very large and full, well formed flowers of porcelain-white veiled primrose-yellow deepening to ochre at base of petals. A strong, vigorous grower, producing its large flowers in the greatest profusion. $1.50 each.

Mrs. George Shawyer (Lowe & Shawyer, 1911). Brilliant clear rose, splendidly formed; large, full double flowers on stiff, erect stems; extra fine in the autumn.

Mrs. Henry Winnett (Dunlap, 1918). A comparatively recent introduction with long well-formed buds of a bright attractive shade of crimson.

Mrs. S. K. Rindge. Described and offered on page 128. $2.50 each.

Mrs. T. Hillas (Pernet-Ducher, 1913). Chrome-yellow flowers large and full, of elongated cup-shape; a very desirable Rose of strong hardy constitution.

Mrs. Wakefield Christie-Miller (McGredy, 1909). As a pink bedding Rose there is none better, and particularly so for massing. The flowers, which are of large size, remain perfect on the bushes for a long time, and are produced very freely; they are of a bright pink color with lighter shadings, the plant is vigorous and free.

Mrs. William C. Egan. Described and offered on page 127. $2.50 each.

My Maryland (J. Cook, 1909). One of our best bedding Roses, in good condition throughout the season, almost always in bloom, every shoot bearing one or more flowers, which are double and of perfect form, of a bright but tender salmon-pink, which lights up beautifully as the flower expands; delightfully fragrant.

Nerissa (Wis, Paul & Son, 1913). A very large full flower of good shape, of a creamy-white with peach tinted centre, very vigorous and free flowering.

Ophelia (Wis, Paul & Son, 1913). A variety which has made such a record for itself that qualifies it to be classed with the very best, a Rose that is admired by every one, its flowers are held erect on long stiff stems, are of perfect form, good size, and of a most pleasing delicate tint of salmon-flush, shaded with rose, very floriferous.

Pharisae (Hinner, 1903). Exceptionally free flowering, producing long buds, which open into large, double flowers of a rosy white, shading to a pretty soft salmon. A fine garden Rose that never disappoints in quality or in quantity.

Price. Strong two year-old plants of any of the above, except where noted, $1.00 each; $12.00 per doz.; $80.00 per 100. 25 or more supplied at 100 rate.
Select Hybrid-Tea Roses

Premier (E. G. Hill, 1919). A new variety that has gained great popularity as a forcing sort and which promises equally good as a bedding Rose. In color it is a pleasing shade of pure rose-pink with flowers of good size and form.

Primerose (Sonnert & Notting, 1914). A magnificent bedding Rose, coming melon-yellow during spring, deeper in the autumn, with apricot shadings, a most distinct coloring; flowers large, with long pointed buds. $1.50.

Prince de Bulgarie (Pernet-Ducher, 1902). Large full double flowers of capitol form which are produced abundantly throughout the season; a good reliable bedder of a silvery flesh color, deepening to the centre with delicate salmon-rose shadings, a soft pleasing color.

Queen of Fragrance (Wm. Paul and Sons, 1916). Flowers large, double and of elegant graceful shape and freely produced throughout the season. The color is a beautiful shell-pink, tipped with silver, bright and pleasing. An outstanding quality of this beautiful Rose is its powerful and delicious fragrance, which won for it the Clay Challenge Cup (value $175.00) at the show of the Royal Horticultural Society of England, as well as a Certificate of Merit from the National Rose Society.

Radiance. Described and offered on page 129.

Red Radiance. Described and offered on page 129.

Relie de Carola de Saxe (Gamon, 1903). Large, free-flowing, rosy flesh-pink; a strong vigorous grower.

Rose Marie. This wonderful Rose is shown in colors and described and offered on page 128. $1.50 each.

Souvenir de Claudius Pernet. The new yellow Rose that promises to become what has long been wanted, a hardy ever-blooming real yellow Rose. Described and offered on page 127. $5.00 each.

Sunburst (Pernet-Ducher, 1912). A superb Rose of good vigorous habit, flowers of fair size of elongated cup form and fine in the bud or half-open flower, color a rich cadmium-yellow with orange-yellow centre.

Totote Gélos (Pernet-Ducher, 1915). A strong vigorous grower of erect branching habit, with shapely long buds borne on stout stems and large full globular flowers; color flesh-listed white, frequently shaded with chrome-yellow in the centre, particularly so in the Fall flowers.


William F. Dreer. This beautiful new Rose is shown in colors, and described and offered on page 128. $2.50 each.

William Shean (Dickson & Sons, 1906). Unusually long buds of splendid form, pure pink in color, with shell-shaped petals of good substance. $1.50 each.

Willowmere (Pernet-Ducher, 1914). This splendid Rose is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine-pink towards the edges of the petals.

Price. Strong two-year-old plants of any of the above, except where noted, $1.00 each; $12.00 per doz.; $90.00 per 100. 25 or more supplied at 100 rate.

Special offer of HYBRID-TEA ROSES

We will supply a strong two-year-old plant each of our entire collection of 101 Hybrid-Tea Roses, which includes all of the new varieties offered on pages 121 to 130. A magnificent collection for $100.00.
PERNET-DUCHER'S NEW YELLOW
HYBRID-TEA ROSE (Pernetiana Type)
SOUVENIR DE CLAUDIUS PERNET

In this new variety we undoubtedly have one of Mr. Pernet-
Ducher's masterpieces. We are indebted to this veteran French
Rose specialist for so many of our important varieties and the fact
that Mr. Pernet-Ducher has selected this variety to name in mem-
ory of his son Claudius, who gave his life in the World's War, is
ample evidence of his own estimate of this great Rose.

We give below Mr. Pernet-Ducher's own description, all of which we can indorse from our own observations
during the past season.

"A most vigorous grower of erect branching habit,
beautiful, brilliant green foliage, few thorns, long pointed
buds of exquisite shape, carried on long stiff stems. Very
large full flowers with elongated deep petals, a beauti-
fully formed bloom. Color most striking sunflower-yel-
low, deeper in the centre, without any color blending,
and which is retained without fading even in the warmest
weather."

It was awarded the Gold Medal at the Bagatelle Gar-
den trials in 1920, and in the same year also received the Gold
Medals at the Rose Show in Paris and at Antwerp.

Strong budded plants ready for delivery April 15th, $5.00 each.

The stock is limited, and orders will be booked in rotation as received.

TWO NEW CALIFORNIAN HYBRID-TEA ROSES

MRS. WILLIAM C. EGAN (Howard & Smith, 1922)

Named in honor of the wife and life companion of Mr. Wil-
liam C. Egan, whose love for horticulture is well known and
appreciated by all of the amateurs who read the American Gar-
dening Magazines, and whose unique and beautiful garden,
"Egandale," on the shore of Lake Michigan, has very appro-
priately been called a "Lake Shore Paradise" by the editor of
the American Rose Annual.

The christening of this beautiful Rose was one of the many
memorable features at a birthday dinner given in Mr. Egan's
honor by the Garden Club, of Illinois, in April, 1921.

Rose Mrs. William C. Egan is an extremely vigorous,
healthy grower, and which places it in a class with such well
known popular varieties as Caroline Testout, Radiance, Red
Radiance, Lady Ursula, Lady Alice Stanley, Rose Marie and
similar strong healthy growers that has made these varieties popu-
lar both as individual plants in the small garden as well as for
mass effect in large plantings, its long pointed buds are of abso-
lutely perfect form, measuring fully 2½ inches in length, and de-
velop into flowers of good shape. In color it is a two tone
pink, the reverse of the petals of a particularly pleasing shade
of soft light pink, the interior deep flesh color with a
golden line at the base of the petals. These flowers are
supported on long, stiff stems, lasting in good condition
either on the plant or when cut for an unusually long time, and are produced most freely and
continuously throughout the season, a record of
6 plants in the garden of Mr. Egan planted last
spring showing a total of 298 blooms, or an
average of practically 50 blooms per plant, a
record which, under like conditions, has been
equaled only by a few other varieties.

Price. Strong two-year-old California grown
plants, $2.50 each.

FRAGRANT BOUQUET
(Howard & Smith, 1922)

Another gem, the name of which has been suggested by its
remarkable sweet scent and its free-flowering habit, each in-
dividual plant as seen in the Rose field of the originator being
a veritable bouquet. The plant is of compact habit of growth with flowers of medium
size, of a delicate flesh pink, with the base of the petals a golden yellow. Illustrated on
page 128.

Price. Strong two-year-old California grown plants, $2.50 each.
FOUR GREAT AMERICAN HARDY EVERBLOOMING HYBRID-TEA ROSES

Shown in colors on plate opposite

A sterling collection of American introductions, three of them productions of the same growers who gave us the Los Angeles Rose, a variety that is acknowledged both here and among noted growers of Europe as one of the finest bedding Roses ever raised, and we feel confident that the four varieties here offered will prove equally satisfactory.

MISS LOLITA ARMOUR
(Howard & Smith, 1920)

The unique coloring of this novelty is a combination of tints difficult to describe, and is absolutely distinct from all other varieties. The flowers are of large size, full double, with petals of great substance and delightfully fragrant. As the flowers expand they develop to a deep, coral-red with a golden, coppery-red suffusion, the base of the petals a rich golden-yellow with coppery-red sheen. The general color effect is very faithfully portrayed on the color plate opposite. The plant is a strong, vigorous grower, and very free-flowering.

At the great Bagatelle Gardens in Paris, France, where competitive trials of new Roses are made from all the renowned growers of the world, Miss Lolita Armour was singled out in 1921 for the highest prize, a Gold Medal, while at the Test Garden of the American Rose Society at Portland, Oregon, it was awarded the Silver Medal and Bronze Certificate of the City of Portland. Strong two-year-old California grown plants, $2.50 each.

MRS. S. K. RINDGE
(Howard & Smith, 1920)

This beautiful and distinct Rose was sent out last year for the first time, and has given general satisfaction. It is of strong free-branching habit of growth, with dark green mildew-proof foliage, long pointed buds, carried erect on stiff stems. Color clear rich chrome-yellow, which, as the flowers mature, become suffused with salmon-pink. The flowers are of good size, moderately double and are produced freely and continuously. Hugh Dickson Ltd., prominent Irish growers of new Roses, in commenting on this variety, say: "We are of the opinion that this Rose is the bedding yellow which we have so long been looking for.

Strong two-year-old California grown plants, $2.50 each.

ROSE MARIE
(Dornier, 1918)

We first saw this beautiful Rose in California in 1919, where its remarkable freedom of bloom and its beautiful buds and well-formed flowers of a pleasing clear rose-pink arrested our attention. We distributed a large number of plants the past two seasons and have received many favorable reports, and our own experience with it has been most gratifying, and we have no hesitancy in pronouncing it the best bedding Rose of its color to-day. It produces ideal long buds which open into large flowers of splendid form; a valuable acquisition. Strong two-year-old plants, $1.50 each.

William F. Drexer
(Howard & Smith, 1920)

A beautiful Rose of the same parentage as Los Angeles, and which, for delicacy of coloring, is not comparable to any other variety, it reminding one of the delicate tints of some varieties of water lilies. The flowers, which are similar in shape to Los Angeles, and like that variety, beautiful in all stages of development, are at their best in the half-expanded flower. These, in expanding, are of a soft, silvery shell-pink, the base of the petals of a rich golden-yellow which, at certain stages of development, gives a golden suffusion to the entire flower, this golden suffusion being particularly brilliant early and late in the season.

We have received numerous favorable comments on this variety, among which we particularly appreciate that from the President of the American Rose Society, who says:

"I certainly wish to congratulate you on the Rose William F. Drexer, a vase of which I have on my desk at this writing. There is in it a charm of wonderful color, form and fragrance,"

as well as the following from Henry Morse & Sons, Rose Specialists, Eaton, England:

"We think you should know our opinion of your wonderful Rose William F. Drexer. We have tested it by the side of seventy other novelties from various raisers all over the world and have come to the conclusion that this Rose takes the highest place and is a sterling novelty worthy to rank by the side of its relative Los Angeles. We predict for it a great future."

At the great Scotch Horticultural Show, in 1921, Hugh Dickson Ltd., of Belfast, Ireland, were awarded the Gold Medal for a vase of William F. Drexer. Price, strong two-year-old California grown plants, $2.50 each.

SPECIAL OFFER

We will supply one Strong two-year-old plant each of the above Four Great American Roses for $8.00, or three plants of each, 12 plants in all, for $22.50.
Four Great American Roses

Lolita Armour

Rose Marie

Mrs. A. Rudge

William T. Darce
New American Hybrid-Tea Rose

"Los Angeles"
THE "DREER DOZEN"

HARDY EVERBLOOMING HYBRID-TEA ROSES

For many years it has been customary for us to offer under this heading only the very best and most popular, well-tried varieties of Hybrid-Tea Roses, with the majority of which every lover of the Rose is familiar.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months. Those who desire a more extensive collection can select with perfect confidence any variety in our collection of Hybrid-Tea Roses offered on pages 121 to 130. There is not one individual sort which we cannot endorse as possessing superior merit, all having been thoroughly tested.

Caroline Testout (Pernet-Ducher, 1880). One of the most popular and valuable bedding varieties; large, full, globular flowers of bright satiny-rose, with brighter centre, very fine and fragrant.

Duchess of Wellington (Dickson & Sons, 1899). Intense saffron-yellow stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance, delightfully fragrant and very free-flowering.

Hoosier Beauty (Dorner & Sons, 1915). Beautiful, well-shaped, long buds and large, full, perfect flowers of an intense, rich, dazzling, crimson-scarlet and deliciously fragrant. The plant is of vigorous growth, and is conceded to be one of the best Roses of its color.

Jokheer J. L. Flock (Leenders, 1910). One of the best bedding varieties. The flowers, which are produced with the greatest freedom on long stiff stems, are of large size and of perfect form, of a deep imperial pink, the outside of the petals silvery-rose white.

Kaisernin Augusta Victoria (Peter Lambert 1891). This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white, remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower.

Killarney Brilliant (Dickson & Sons, 1914). This is a sport from the original Killarney in which we have a Rose far more intense in coloring, it being a rich glowing shade of rosy-carmine, and in addition to its rich color it is also larger and more double than its parent. A truly magnificent Rose.

Lady Alice Stanley (McGredy, 1909). A gem that every one admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance are all fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes.

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each; $12.00 per doz.; $90.00 per 100. 25 or more supplied at the 100 rate.

One each of the "Dreer Dozen," a fine collection, for $12.00.
Gorgeous New Climbing Rose
Paul’s Scarlet Climber

This is without question the most important addition to our list of Climbing Roses in many years; no other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters of from three to twenty flowers each on much branched canes, the plants being literally covered with flowers from top to bottom. It is of strong climbing habit and perfectly hardy. It was awarded a Gold Medal by the National Rose Society and an award of Merit by the Royal Horticultural Society of England, and was also awarded during the summer of 1918 the much coveted Gold Medal at the Bagatelle Gardens, Paris.

We have distributed many thousands of Paul’s Scarlet Climber and have yet to hear from anyone who has been dissatisfied with it. The price last spring was $2.00 each, but we have prepared an immense stock of it for this season’s sale which enables us to offer extra heavy two-year-old plants at $1.00 each; $90.00 per 100; twenty-five or more being supplied at hundred rates.

NEW RUGOSA HYBRID ROSE
F. J. Grootendorst (Grootendorst, 1919)

This is a new type of Rose which might properly be called a Rugosa Baby Rambler, being a cross between Rugosa and the crimson Baby Rambler. Imagine a shrub-like Rugosa Rose covered with trusses of crimson Baby Rambler Roses and you will have a fair conception of this new hybrid variety. It is not a Rose that you want to plant in with your bed of Hybrid-Tea or Hybrid Perpetual Roses, but it is valuable to plant as an isolated specimen or in a mass in a bed in an exposed position or among shrubs in the shrubbery border or use it for an everblooming hedge for which purpose it is admirably adapted. It is absolutely hardy and continues in bloom until late in the fall.

Strong two-year-old plants, $1.00 each; $75.00 per 100.

NEW IRISH HYBRID-TEA ROSES

We are pleased to be able to offer these new Irish introductions, both of which we have tried out the past season and fully indorse the originator’s descriptions given below.

J. G. Glassford (Hugh Dickson, 1921). Very vigorous, free branching growth, large dark green foliage. Flowers of the largest size; buds long and pointed, opening to flowers of great substance, with high-pointed centre. The petals are very large and of fine texture, nicely reflexed at the edges. Color clear deep crimson-lake without shading—a clear solid color which does not fade and which is quite unique in Roses. One of the finest Roses we have ever raised. Strong two-year-old plants, $2.50 each.

Una Wallace (McGredy, 1921). This Rose created quite a sensation at the National Rose Society’s Autumn Show. The color is what we would call an art color, quite distinct from any other Rose, and for effective decorative work it has no equal. It is a beautiful soft even toned cherry-rose without shading. In depth, formation and substance it is faultless, every bloom coming perfect, and quite full. Its foliage is bold, handsome, quite in keeping with such a charming flower. It is one of the finest growers among Hybrid-Teas and once seen will be wanted by every lover of Roses. Sweetly perfumed. Price, $2.50 each.

New Trailing or Climbing Rose
Max Graf (Bowditch, 1919)

Presumed to be a cross between Ross Rugosa and Setigera, with large attractive single bright pink flowers not unlike the pink form of Rugosa, but with the petals more crimped which adds to its attractiveness. It makes an excellent climber or pillar rose, but it appeals to us more particularly as a ground cover, for which purpose it is superior to any of the Wichuriana varieties. The glossy foliage resembling Rosa Rugosa is retained very late in the season and is practically immune to mildew, black spot and insects, and is perfectly hardy. For planting on a steep bank or for trailing over a stone wall it has no equal.

Strong two-year-old plants, $1.00 each; $75.00 per 100.
SELECT TEA ROSES

Tea Roses have always been admired for their delicious fragrance and for their delicacy of coloring, but many of the varieties have now been superseded by the Hybrid-Tea class. The Tea Roses do not require the severe pruning recommended for the Hybrid-Teas; cut out all thin wood and cut back the stronger shoots to a prominent eye.

**Harry Kirk.** A splendid Rose of free-branching habit, flowering continuously; the blooms are large, of great substance; the form is perfect, the buds long and elegant; color sulphur yellow, passing to a lighter shade at the edges of the petals. $1.00 each.

**Lady Hillingdon.** A beautiful coppery shade of apricot-yellow, beautiful in the bud; a strong, vigorous grower and very free-flowering. $1.00 each.

**Maman Cochet.** An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose-pink; inner side of petals silvery rose; very double and exquisite in bud, or when full-blown. 75 cts. each.

**White Maman Cochet.** Identical, except in color, with Maman Cochet; a splendid bedder. 75 cts. each.

**William R. Smith.** A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form; creamy-white with rose shadings. 75 cts. each.

One each of the above five Tea Roses for $4.00.

BABY RAMBLER AND POLYANTHA ROSES

A type of Roses which is very popular for bedding purposes, high, producing in great profusion from early in the season until necessary; simply remove the past season’s flower stems.

**Andree Lenoble.** Bright clear red.

**Cecile Brunner (The Fairy, or Sweetheart Rose).** A Polyantha variety with dainty double little flowers of perfect form produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground.

TEA ROSE LADY HILLINGDON

**Echo.** Soft tender pink, producing very large trusses of flowers.

**Edith Cavell.** One of the best, very free brilliant crimson, white eye.

**Ellen Poulson.** A most floriferous dark, brilliant pink, very sweetly scented.

**Erna Teschendorff.** A “sport” from the Crimson Baby Rambler, as bright as Gruss an Teplitz, the well-known Hybrid-Tea.

**Greta Kluis.** A pretty shade of deep carneine-pink, passing to carmine red; very free.

**Mme. Jules Gouchault.** A vigorous grower, producing long stems with erect panicles of 25 to 50 most perfectly formed flowers of a bright vermilion-red shaded orange-red, passing as they mature to a lively bright rose color.

**Mme. Norbert Levavasseur (Crimson Baby Rambler).** Similar in color to the climbing Crimson Rambler. One of the most popular.

**Mrs. Cutbush.** Similar in color to Dorothy Perkins Rambler, in color deep cerise pink.

**Orleans.** One of the best, flowers of large size of brilliant geranium-red, becoming suffused with rose as the flowers mature, and large white centre; a very pretty color combination.

**Yvonne Rabier.** A fine white variety with full double flowers.

**Price.** Strong two-year-old plants, 75 cts. each; $6.00 00 per 100. 25 or more supplied at 100 rates.

One each of the twelve Baby Ramblers for $8.00.
Hardy Hybrid-Perpetual Roses

The varieties listed below are unquestionably the best that can be selected in the Hybrid-Perpetual class, which, before the development of the Hybrid-Tea, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established. The collection here offered embraces a complete range of colors as it is possible to bring together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

In pruning Hybrid-Perpetual cut away all weak growths, and if quality of bloom is desired, cut back the strong canes to within 8 or 0 inches of the ground, but if quantity of bloom for garden effect is desired, leave these canes from 2 to 3 feet high, according to their strength.

Anna de Diesbach. Bright carmine-rose, a beautiful Rose of large size.
Alfred Colomb. Bright red, large full globular flowers.
Baroness Rothschild. A superb Rose, of pale, satiny-rose; very large.
Captain Hayward. Scarlet-crimson, perfect form; sweetly scented.
Clio. Delightful satiny-flesh with deep centre; the flowers are large, globular and borne on long stems.
Frau Karl Druschki. This is the ideal hardy white Rose, pure in color, perfect in form, strong grower and remarkably free-flowering; superb in every way.
General Jacqueminet. Brilliant scarlet-crimson; an old favorite and one of the best known Roses in cultivation; does well everywhere.
Pernetiana Roses, or
Hybrid Austrian Briers

This type of Roses is the result of crossing Austrian Copper and Yellow Brier Roses with various other types; they are of strong, vigorous growth, flowering profusely in early summer and producing some bloom during the late summer and fall; a most distinct and interesting class. These should be pruned in the same way as the Hybrid Perpetuals, described on page 132.

Beaute de Lyon. Forms a large, globular flower of splendid shape, of a coral-red color shaded with yellow.

Juliet. Outside of petals old gold, interior rich rosy-red changing to deep rose as the flowers expand; of delicious fragrance.

Price. Strong two-year-old plants, $1.00 each.

MOSS ROSES

The beauty of the Moss Rose consists in the delicate mossy covering which surrounds the buds, and gives the opening flowers a unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Blanche Moreau. Large pure white.

Comtesse de Muranas. Beautifully mossaed large white.

Crested Moss. Rose color, beautifully crested.

Elizabeth Rowe. Large deep pink, buds well mossaed.

Henry Martin. Fine crimson, very vigorous.

Princess Adelaide. Bright silvery rose, large.

Extra strong 2-year-old plants, 75 cts. each.

Set of 5 sorts, $4.00.

BOURBON ROSE "HERMOSA"

This old favorite has still many friends on account of the freedom with which its medium sized, bright pink flowers are produced, it rarely being out of bloom from early June until hard frost in the late autumn. Strong two-year-old plants, 75 cts. each; $60.00 per 100.

Hybrid-Perpetual Rose

"AMERICAN BEAUTY"

We can supply this beautiful forcing Rose, but do not recommend it for garden culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, except in favored locations, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. Strong two-year-old plants, $1.00 each; $90.00 per 100.

RAMANAS OR RUGOSA ROSES

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth, and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Rosy-carmine.

Extra strong two-year-old plants, 75 cts. each; $60.00 per 100.

DOUBLE RAMANAS OR RUGOSA ROSES

Blanc Double de Coubert. A splendid double pure white.

Conrad Ferdinand Meyer. Clear silvery rose, beautiful buds.

Hansa. An attractive double reddish violet.

Nova Zembla. A hybrid variety; the flowers are large, of fine form, white, with a pleasing flush of pink.

Strong two-year-old plants, $1.00 each; $90.00 per 100.

Set of 5 Rugaosa Roses for $4.00.
MEMORIAL or EVERGREEN ROSES

The type of this group of Roses, *Rosa Wichuriana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy, and are recommended for covering grave, hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees, or for trailing over rocks or rough ground, in fact, anywhere where a climbing or trailing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants until late in the winter, making them almost evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts. (See page 136.)

**Evergreen Gem.** Flowers buff, changing to creamy white, very double, foliage dense, of rich bronzy-green.

**Gardenia.** Buds bright yellow, opening double flowers of a cream color; incurring towards evening to the shape and color of a Cape Jessamine, hence its name.

**South Orange Perfection.** Dwarf trailing habit, double flowers, blush pink at tips, changing to white.

**Triumph.** Double white flowers, produced in clusters; sweet scented.

**Universal Favorite.** Flowers very double, of a pretty rose color.

**Wichuriana.** Beautiful fragrant single pure white flowers, with yellow stamens followed in fall with bright red hips or berries.

Strong two-year-old plants, 75 cts. each; $90.00 per 100.
Set of 6 sorts, $3.75.

BRIER ROSES

**Austrian Copper.** Beautiful single flowers of a rich bright reddish copper.

**Harrison’s Yellow.** Fine double golden-yellow flowers.

**Persian Yellow.** Medium sized deep yellow double flowers, very hardy; no flower freely should receive little or no pruning.

**Sweet Brier.** This is the true English Sweet Brier or Eglantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves.

**Price.** Strong two-year-old plants, 75 cts. each.

TREE-SHAPED ROSES

The following choice Hybrid-Tea varieties can be supplied in tree-shaped form, on sturdy, hardy stems about 3½ feet high. For full descriptions see preceding pages.

**Caroline Testout.** Satiny rose.

**Frau Karl Druschki.** Pure white.

**George C. Waud.** Glowing vermilion.

**Gruss an Teplitz.** Richest crimson scarlet.

**H. V. Machin.** Brilliant scarlet crimson.

**Killarney Queen.** Cerise pink.

**Lady Ashtown.** Soft rose.

**Lady Ursula.** Flesh pink.

**Los Angeles.** Luminous flame pink.

**Mme. Edouard Herriot.** Coral red.

**Mme. Jules Bouche.** White tinted blush.

**Mme. Leon Pain.** Silvery salmon-pink.

**Mrs. Aaron Ward.** Indian yellow.

**Mrs. Wakefield Christie-Miller.** Fine pink.

**Ophelia.** Delicate salmon-flesh.

**Radiance.** Carmine-pink.

**Price.** Any of the above, $3.00 each.

**Note.** As the stock of some of the above varieties is limited please name second choice or state if we are permitted to substitute nearest in color and habit.
CLIMBING HYBRID-TEA ROSES

While not as a rule as free flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June, with a liberal scattering of blooms throughout the season. In pruning this class, cut out all small, thin wood, and cut the strong shoots back to prominent eyes.

Climbing Caroline Testout. A climbing form of the old favorite satiny pink.

Climbing H. V. Machin. A counterpart of the rich scarlet bush variety described on page 123, but of very strong climbing habit, $1.50 each.

Climbing Kaiserin Augusta Victoria. The climbing form of this most popular white Rose; very free.

Climbing Lady Ashtown. The best of all the climbing Hybrid-Tea varieties. A plant in the most exposed part of our Nursery, with very little protection, has withstood the past eight winters, producing not only an immense crop of its very large soft rose-colored flowers in June, but continuing to bloom almost without intermission until the end of the season.

Climbing Liberty. Very free flowering, brilliant velvety crimson.

Price. Any of the above, except where noted, in strong two-year-old plants, $1.00 each.

TENDER CLIMBING or PILLAR ROSES

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses, or for outdoor culture in the South.

Climbing Maman Cochet. A climbing form of the pink flowering Maman Cochet.

Climbing White Maman Cochet. Identical with the white flowering Maman Cochet, but of strong climbing habit.

Duchesse d’Auerstaedt. A fine climbing Tea Rose; bright yellow, shaded with nankeen at the centre.

Francois Crousse. Large fiery-red, a splendid double flower of good shape; a real acquisition.

Gloire de Dijon. An old favorite; flowers blush with salmon shadings; a fine climber for a sheltered wall.

Marechal Neil. Superb; bright golden-yellow.

Reine Marie Henriette. Brilliant scarlet-crimson, color of General Jacqueminet, also known as the Red Gloire de Dijon, a fine climber, hardy south of Philadelphia.

William Allen Richardson. Distinct from all others, a beautiful shade of orange-yellow.

Price. Strong two-year-old plants of any of the above, $1.00 each.

THE “DREER DOZEN” HYBRID-TEA ROSES

This collection, which we offer on page 129, stands at the head of free-blooming Roses that will furnish a continuous supply of flowers from June till frost.
HARDY CLIMBING AND RAMBLER ROSES

We offer on this and the next page a selection of the best modern Hardy Climbing and Rambler Roses.

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered; but a severe pruning in July, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

AMERICAN PILLAR

A single flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten.

CHRISTINE WRIGHT

A most exquisite Rose, of strong climbing habit. The flowers are double, from 3¾ to 4 inches in diameter, borne singly and in clusters, of perfect form and color, but useful in the bud and in the fully expanded flower; color a most refreshing bright wild-rose pink.

CLIMBING AMERICAN BEAUTY

Its name is somewhat misleading, but it is one of the best climbing Roses; a strong, healthy vigorous grower, frequently making shoots from 10 to 12 feet long, and good sized flowers for a climbing Rose that blooms so freely; color a pleasing rose-pink, of splendid form, good substance. (See cut.)

CRIMSON RAMBLER

This was the first of the Rambler Roses, and was introduced from Japan in 1894. It is too well known to require description. Everyone is familiar with its large clusters of crimson flowers.

DOROTHY PERKINS

Soft shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way, and one of the most popular varieties. (See cut.)

DR. W. VAN FLEET

A Rose, which on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting.

EXCELSA

A distinct variety in form, color and habit; vigorous in growth with healthy dark glossy green foliage. The flowers are very double, produced in large trusses, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson maroon, the tips of the petals tinged with scarlet.

Price. Any of the above, in strong two-year-old plants, 75 cts. each; $60.00 per 100; 25 or more supplied at 100 rates.

Tender and Hybrid-Tea Climbing Roses are offered on page 135.
Hiawatha

There is no other climbing Rose so brilliant as Hiawatha. A brilliant, ruby carmine, with a clear white eye and a mass of golden stamens—a glowing combination of colors, which can be seen at a great distance. (See cut.)

LADY GAY

A most desirable variety of remarkable vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom and the deep green of the foliage is, indeed, charming. (See cut.)

PAUL'S SCARLET CLIMBER

The Greatest Climbing or Pillar Rose Grown

This new climbing Rose is undoubtedly the most brilliant addition to Roses in many years. For description see page 130. We offer Extra Strong two-year-old plants $1.00 each, $90.00 per 100.

SILVER MOON

Different from all other Roses, with beautiful semi-double flowers four and a half inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis-like flower. The large bunch of yellow stamens in the centre adds to its attractiveness.

Tausendschoen

Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double azalea. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses, each truss a veritable bouquet.

WHITE DOROTHY

Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color.

Price. Any of the Hardy Climbing and Rambler Roses offered on this and the preceding page, except where noted, in strong two-year-old plants, 75 cts. each; $80.00 per 100.

25 or more supplied at the 100 rate.

Special Offer

One each of the 13 Hardy Climbing and Rambler Roses, including the Gorgeous New Paul's Scarlet Climber offered on this page, for $9.00.
AGAPANTHUS UMBELLATUS

AGAPANTHUS

Umbellatus (Blue Lily of the Nile). A splendid ornamental plant, bearing clusters of bright blue flowers on 3-foot long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza. 50 cts. each. Also a limited number of large plants in 8-inch tubs, $3.50 each.

— Albus. A white flowering variety. 50 cts. each.

— Mooreanus. A smaller form than the type with dark-blue flowers; produced very freely 50 cts. each.

ALLAMANDA

Hendersonii. A strong-growing variety, well suited for growing on the pillars or supports of a conservatory, or for training on a trellis; large, fragrant golden-yellow flowers. 50 cts. each.

ALOYSIA (Lemon Verbena)

Citriodora. The well-known popular pot or bedding plant, grown for its richly fragrant foliage. 25 cts. each; $2.50 per doz.

AMORPHOPHALLUS

(Devil’s Tongue, or Snake Palm)

Rivieri. Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. This is soon followed by the massive tropical-looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 50 cts. each.
ASPARAGUS

Plimusus Nanus (Asparagus Fern). If there is a better plant for table decoration than this we do not know it. The foliage is more delicate than that of the finest Fern, being lace-like in its fineness. A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make a pretty decoration for the table. 25 cts. and 50 cts. each; $2.50 and $5.00 per doz.

Sprengeri (Emerald Feather.) Excellent for hanging-baskets, for bracket use and for cutting. It is one of the best of all plants for the window box when planted on the outside, where it can drop over the edge of the box. 25 cts. and 50 cts. each; $2.50 and $5.00 per doz.

Scandens Deflexus. Similar in habit of growth to Sprengeri, but with finer, lighter green foliage. May be used for the same purposes as Sprengeri, and is particularly nice when grown as an individual specimen plant. 25 cts. and 50 cts. each.

DREER'S CHINA ASTERS

Superb Late Branching. This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum-like flowers from August to October. We can supply nice plants in May and June of the 8 distinct colors offered and fully described on page 69. $1.00 per doz.; $6.00 per 100.

DREER’S SUPERB TUBEROUS-ROOTED BEGONIAS

This charming class of Begonias is perhaps the handsomest of all summer-flowering tuberous-rooted plants, and deserves even greater popularity. Improvements made in recent years in size, texture and coloring are really phenomenal, with flowers measuring from 4 to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double-flowering sorts are perfect rosettes, full and double to the centre. Particularly useful for planting in porch or window boxes in a semi-shady position. Their culture is of the simplest, and with the least regard for their requirements will repay with an abundance and brilliancy of bloom not equaled by any other class of plants. Their culture is fully described in our book, “Dreer’s Hints on the Growing of Bulbs,” price 25 cts. Copies free to customers who ask for it when ordering.

Single Tuberous Begonias

We can supply these in the following colors, or in mixture, as under:

Scarlet, White, Pink, Crimson, Yellow and Salmon.
25 cts. each; $2.50 per doz.; $18.00 per 100.
Mixed. All colors. 29 cts. each; $2.00 per doz.; $15.00 per 100.

Double-Flowering Tuberous Begonias

We can supply these in the following separate colors, also in mixture, as under:

Scarlet, Crimson, Pink, White, Yellow and Salmon. 35 cts. each; $3.50 per doz.; $25.00 per 100.
Mixed. All colors. 25 cts. each; $2.50 per doz.; $20.00 per 100.

BOUGAINVILLEA

Crimson Lake. Introduced through the Bureau of Plant Industry of the Department of Agriculture. It originally having been received from the Department of Science and Agriculture, Georgetown, Demerara, British Guiana, without specific or varietal name, simply being labelled “Crimson Bougainvillea,” someone for identification called it “Crimson Lake” which name is at least descriptive of its rich beautiful coloring.

The flowers are like all other Bougainvilleas, perhaps a trifle larger, but in coloring none compare with it in richness and brilliancy. On first opening a brilliant crimson-lake, retaining this color for three or four weeks, after which they gradually pass to a crimson-carmine.

In semi-tropical climates, such as Southern California and Florida, the Bougainvilleas make gorgeous climbers for outdoor planting, while in the north they are useful subjects as pot plants for the conservatory or greenhouse. For this purpose they may be trained over a trellis of any shape, or they may be kept cut back or pinched so as to form shapely, bushy plants, 4-inch pot plants, $1.00 each; large plants in 6-inch pots, $2.00 each.
DREER'S LARGE FLOWERING CANNAS

Cannas are the most economical and effective plants employed in our Gardens. They bloom from early summer until frost in all sections of the country, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded about two feet deep, and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times freely watered.

They are most effective when planted in masses of one variety, setting out the plants about two feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter, see tables on page 119.

They are also very effective when planted in mixed borders, where their long flowering season insures a constant display of color.

All varieties have green foliage unless otherwise specified.

TWELVE NEW AND RARE CANNAS

This set contains several varieties which have never been offered before, others that we have now been able to secure in sufficient quantities for the first time, and still others which, although previously offered, are still so scarce that few of our customers have had the opportunity to secure them.

All are desirable acquisitions, introducing new tones of color and showing the highest development in form and habit.

**Centurian.** A very free-flowering, upright, vigorous variety, with large trusses of deep orange-colored flowers held well above the foliage. Distinctly different from all the older sorts of this color, and unusually promising as an effective bedding plant; 5 feet. $1.00 each; $10.00 per doz.

**Cleopatra.** A vigorous grower with upright stalks of bronze foliage surmounted by trusses of wonderful crimson-carmine flowers; unique and effective; 4 feet. 60 cts. each; $5.00 per doz.

**Fairy Queen.** The dwarf, compact plants of this distinct novelty are covered with flowers from spring until fall. It seldom exceeds three feet in height. The flowers, of a clear rare pink, are of medium size, good substance, and borne upright on stout stems in great abundance. Each floret has a distinct cream-colored border; 3 feet. $1.00 each; $10.00 per doz.

**Fiery Cross.** A large flowered bright red variety resembling "The President," but differing from it by showing a yellow base to its petals. Considered by some the greatest red Canna in commerce; 4½ feet. 50 cts. each; $5.00 per doz.

**Flag of Truce.** Large flowered creamy-white with faint pink dots on each petal. The general effect is white. Not as pure nor as tall as Eureka, but quite distinct and valuable; 4 feet. 50 cts. each; $5.00 per doz.

**Golden Eagle.** A grand clear golden-yellow of free upright growth. The flowers are very freely produced in large clusters well above the foliage.

This variety is one of the earliest to bloom in the spring. The color is unusually clear and pleasing; 4 feet. 50 cts. each; $5.00 per doz.

**Miss Mary M. Wallace.** A rich soft crimson-pink, flower of large size freely produced in great clusters on rigid, upright stalks. Very robust. This variety was originated by us in 1918, and in the three years during which it has been under trial, it has been admired and praised by all who have observed it; 3½ feet. $2.00 each; $20.00 per doz.

**Nokomis.** Unusually effective crimson-carmine, trusses of large flowers surmount vigorous stalks of green-bronze foliage. Very distinct, and should please everyone; 4 feet. 50 cts. each; $5.00 per doz.

**Poppy.** Intense Poppy-red. Large perfect florets in good trusses on greenish-bronze foliage. Rich and effective. The value and desirability of this variety have impressed us with increased force each season. One of the very best bedding Canass; 4½ feet. 50 cts. each; $5.00 per doz.

**Sensation.** The color of this striking novelty is truly sensational. It resembles that of the popular La France Rose, the color of which is always pleasing in any flower. The foliage is a beautiful glaucous-green, the plant dwarf and compact; 3 feet. $1.00 each; $10.00 per doz.

**Surprise.** The brightest red Canna we have. It surpasses in brilliancy all other red sorts, and produces its large trusses with great freedom; 4½ feet. 50 cts. each; $5.00 per doz.

**The Gem.** The immense trusses of flowers are borne well above the foliage on upright branching stems. Color a deep cream or straw-yellow dotted with pale carmine. Very refined. A vigorous grower and free flowering. This variety is distinct from all others; 4½ feet. 50 cts. each; $5.00 per doz.

SPECIAL OFFER.—One each of the above 12 sorts, a novel collection, for $7.50.
DREER'S "PEERLESS" DOZEN CANNAS

Among the scores of varieties tried out by us from year to year only the best are kept and introduced or offered.

Of the hundreds of varieties in commerce to-day this "Peerless" collection includes the most representative, well-tried variety in each color or type, so that we can conscientiously say that the title "Peerless" thoroughly represents its merit.

Cheerfulness. No more appropriate name could have been given this brilliant variety. The deep orange flowers, with golden edge and centre, are produced from early spring until frost in great profusion; 3½ feet.

City of Portland. A wonderful bright rose-pink, much deeper in color than Mrs. Alfred Conard and Hungaria. A free-flowering and vigorous grower; 2½ feet. 50 cts. each; $5.00 per doz.; $35.00 per 100.

Dr. E. Ackermann. Graceful, upright growth, surmounted by nicely-formed trusses of large carmine florets, always a mass of bloom and very attractive bronzy foliage; 4 feet.

Eureka. By all odds the best white Canna to-day.

Some others are pure in color, but none equals this superb sort for general usefulness. The large substantial flowers are freely produced on strong, vigorous plants. They are of a creamy shade when opening, but an hour's exposure to the sun makes them pure white; 4½ feet.

Fanal. An intense fiery cinnamon-red that compels attention. An ideal grower, producing a great abundance of flowers on upright stems well above the foliage. One of the best bedders; 4 feet.

Favorita. This is the best yellow Canna dotted with red. The yellow is intense, and the dots, not too pronounced, add to the beauty of the flowers without detracting from the golden mass. This variety received the highest award from the Society of American Florists; 4½ feet.

Gaiety. Free, upright growing with flowers well above the foliage. In color a brilliant orange-scarlet, with edges of petals marbled golden yellow; 4 feet.

King Humbert. The most popular Canna. Great orange-scarlet flowers surmount the vigorous dark bronze foliage throughout the season. 4½ feet.

Louis Reverchon. A wonderful effective bedder. The foliage is greenish bronze, not nearly as dark as that of King Humbert. The flowers are very freely produced from early to late, and are of a cheerful shade of orange-scarlet; 4 feet.

Mrs. Alfred Conard. One of the very best Cannas in commerce to-day. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks; 4 feet. 50 cts. each; $5.00 per doz.; $35.00 per 100.

The President. The most sensational introduction of recent years. The largest flowered, most vigorous-growing red Canna in commerce. The immense trusses of giant florets are produced in great profusion. This variety, introduced only a few years ago, has proved itself worthy of a place in every collection and every place where bold, effective performance can be appreciated; 5 feet. 50 cts. each; $5.00 per doz.; $35.00 per 100.

Wm. Bates. A splendid large-flowering, pure yellow Canna of vigorous, upright growth, and possessing every desirable quality; 4½ feet. 50 cts. each; $5.00 per doz.; $35.00 per 100.

Price. Any of the above, except where noted, 25 cts. each; $2.50 per doz.; $15.00 per 100.

SPECIAL OFFER—One each of the above 12 "Peerless" varieties for $3.00.

FIVE FINE ORCHID-FLOWERED CANNAS

The flowers of this type are of a different form and in general larger than those of the other varieties.

The collection here offered embraces a full line of color with the exception of pink, which has not yet been produced in this type. These are all robust-growing varieties, and make a very showy decoration wherever used.

King Humbert. The most popular of all Cannas, adapted for use in large as well as limited plantations. The darkest foliage of any. The flowers are large, freely produced, and of an effective orange-scarlet shade; 4½ feet.

Mrs. Karl Kelsey. A giant in growth and flowers. Immense upright stalks of green foliage carry large trusses of hand-somely fringed flowers streaked and variegated with shades of orange, scarlet and old rose. A majestic plant of wonderful decorative value; 6 feet.

Pennsylvania. A vigorous grower, producing a profusion of bright red flowers on tall, upright stalks, with green leaves; 6 feet.

Price. Any of the above Orchid-flowered varieties, 25 cts. each; $2.50 per doz.; $15.00 per 100.

One each of "The Five-Orchid-flowered Varieties" for $1.00.
FANCY-LEAVED CALADIUMS

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvelous beauty for the furnishing of the conservatory during the summer months, for window boxes, or even for outdoor bedding in shady or semi-shady positions. Their culture is fully described in our book, "Deer's Hints on the Growing of Bulbs." Price, 25 cents per copy, or will be sent free to customers if asked for at time of ordering.

Our collection consists of more than fifty distinct and beautiful varieties. We offer special selections as under:

Choice Standard Varieties. 30 cts. each; $20.00 per 100; set of 12 distinct sorts, $3.00.

Extra Choice New and Rare Varieties. 50 cts. each; set of 12 sorts, $5.00.

CALADIUM ESCULENTUM

( Elephant's Ear)

One of the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands six to ten feet high, and bears immense light green leaves, three to four feet long by two and a half wide.

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<td>Second Size</td>
<td>15 cts.</td>
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Large-flowering Cannas

We offer a splendid selection of these this season. See pages 140 and 141.

Golden Calla LILY

(Richardia Elliottiana)

This is the best of the yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green with translucent creamy white spots, which adds much to its beauty. Strong bulbs, 35 cts. each; $3.50 per doz. Extra large bulbs, 50 cts. each; $5.00 per doz.

CESTRUM PARQUI

(Night-blooming Jessamine)

An interesting tender shrub of easy cultivation, either for pot culture or for planting in the garden when the weather gets warm, with small greenish white flowers of delightful fragrance, which is dispensed during the night only. 25 cts. each; $2.50 per doz.

CHOISYA

Ternata. A pretty ornamental greenhouse shrub, producing very freely sweet-scented, white orange-like blossoms; a most desirable plant for the cool greenhouse or for planting in the open ground in the Southern States. 50 cts. each.

CLERODENDRON

Balfouri. A beautiful greenhouse climber, and admirably suited for house culture, flowering most profusely with bright scarlet flowers, enveloped in creamy-white calyx. Strong plants, 25 cts. each; extra large plants, in 5-inch pots, 50 cts. each.
DECORATIVE DRACÆNAS

Fragrans. An excellent house plant with broad dark green foliage; grows under the most adverse conditions. 50 cts. and $1.00 each.

Godseffiana. Entirely different from all other Dracænas; of free-branching habit, forming compact, graceful specimens. Its foliage is of strong, leathery texture; rich, dark green color densely marked with irregular spots of creamy-white. 3-inch pots, 35 cts. each; 4-inch pots, 75 cts. each.

Indivisa. This variety is used very extensively as a centre plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long, narrow, graceful green foliage contrasts beautifully with other plants. 25 cts., 50 cts. and $1.00 each.

Massangeana. A beautiful variegated form of Fragrans with broad, green foliage, with a broad, golden-yellow band through the centre of each leaf. 4-inch pots, 75 cts. each.

NEW HYBRID DRACÆNAS

Four splendid varieties originated by a grower in Trinidad, British West Indies, who for many years has made a hobby of crossing and raising seedlings and the four varieties here offered are entirely distinct selections made from hundreds of seedlings.

Harmony. Broad green foliage with creamy-white margin and pink edge.

Juno. Large massive broad green foliage becoming marked and edged with creamy white and rose.

Mrs. Ed. Andre. One of the finest high colored varieties yet introduced with heavy bronzy foliage developing to an intense brilliant rosy crimson.

Mrs. Rufus W. Scott. Of dwarf compact habit, foliage deep green with pink and white markings.

Price. Any of the above 3-inch pots, 50 cts. each; 4-inch pots, 75 cts. each; 5 and 6-inch pots, $1.00 each.

CROTONS

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes. In the latitude of Philadelphia and southward they are wonderfully effective for summer bedding, presenting a glorious medley of rich variegated colors not found in any other class of plants.

We offer a choice assortment embracing the best standard varieties as well as the most desirable recent introductions.

Plants in 3-inch pots, $1.00 each; collection of 12 varieties, $10.00.

Plants in 4-inch pots, $1.50 each; collection of 12 varieties, $15.00.

Large plants, $2.00, $2.50 and $5.00 each.

CYPERUS

(Umbrella Plant)

Alternifolius. An excellent plant for the house. Will thrive in any good soil, and always presents a green and attractive appearance. It may be grown as a sub-aquatic, and in any case should never lack a liberal supply of water. 25 cts. each; $2.50 per doz.
All of the Dahlias offered in this catalogue will be supplied in dormant field roots or in strong divisions of proper planting size, not clumps, excepting the Twelve Select American Dahlias of Recent Introduction, offered on pages 145 and 146, and the Four Select Imported Dahlias, offered on this page, which can only be supplied in green or growing plants ready for delivery about May 15.

Notes on the cultivation of Dahlias are included in our book, "Dreer's Hints on the Growing of Bulbs," price, 25 cts., or a copy will be sent free to customers who ask for it when ordering.

Four Select Imported Dahlias

These four varieties can be supplied only in green or growing plants ready about May 15.

Skagerrak (Cactus). This beautiful new Dahlia was sent to us by Mr. Engelhardt, originator of the variety Kalif, and we have no hesitancy in placing it in the same high class with that wonderful red variety, but of a beautiful clear, clean lemon-yellow.

The flowers are large, under ordinary field culture without disbudding measuring 7 inches in diameter, which size we are certain can under special culture be increased to 9 inches or more. In form it is all that can be wished for, not at all heavy, the long petals making a deep gracefully shaped flower, always full to the centre; the flowers are held erect on good long stems, making it an ideal cut flower. Plants, $3.00 each.

Democrat (Cactus). Another introduction of Mr. Engelhardt's, a beautiful nankeen yellow with delicate rose sheen, flowers of splendid cactus form, resembling in this as well as in habit of growth and freedom of bloom and size the popular variety Von Goethe; a splendid cut flower. Plants, $1.00 each.

Mevrouw Ballego (Hybrid Cactus). Originated by one of Holland's best growers, and a very attractive well-formed large flower with rather broad petals of a brilliant garnet-red color held on good stiff stems. Plants, $2.50 each.

White Queen (Hybrid Cactus). A pure white variety with long fluted petals developing into a flower 7 inches in diameter. The plant is of vigorous growth and very prolific and holds its flowers very erect, without any weakness of neck, on stiff wiry stems. A desirable acquisition. Plants, $2.00 each.
TWELVE SELECT AMERICAN DAHLIAS
OF RECENT INTRODUCTION

These twelve grand American varieties offered on this and
the page following can only be supplied in green or growing
plants, ready for delivery about May 15th.

ANNA BOSCH
(Decorative)
Delicate soft coloring, ground color, lemon-yellow
with red suffusion, flowers of good size on excellent
stems, very free. Plants, $2.50 each.

CARMENCITA
(Fancy Decorative)
Among all the fancy decorative varieties Car-men-
cita is more consistently true in coloring than any
variety known to us, in fact we have never seen it
produce a self colored flower. The flowers are of
large size, of unusual graceful formation of a bright
yellow color, striped with red. The plant is a com-
pact grower, is a mass of bloom throughout the
season and its flowers are borne on good stems and are
among the best to last when cut. Plants, $1.50 each.

CALIFORNIA BEAUTY
(Hybrid Cactus)
Probably the nearest approach to pure copper, a flower of
excellent form and dainty appearance, borne on good stems
and very floriferous; a splendid cut flower. Plants, $3.00 each.

CAROLYN WINTGEN
(Decorative)
One of the very large flowering decoratives,
averging from 8 to 10 inches in diameter, color
salmon-pink shading to rose, flowers held erect
on fine long stems, a beautiful exhibition variety.
Plants, $2.50 each.

DOROTHY ROBINS
(Decorative)
Flower of splendid form on good stiff stems,
color a deep buff with reddish suffusion. Plants,
$2.50 each.

EVERITT WRIGHT
(Fancy Decorative)
An unusually distinct and pretty fancy decorative of
large size and splendid form, ground color, a golden
sulfused salmon-pink striped and speckled with brilliant
deep currant-red. Plants, $2.50 each.

HELEN DURNBAUGH
(Hybrid Cactus)
Everybody is pleased with this, and while of California
origin we believe it is even better here in the East than
in its own home. The flowers, while not gigantic, are
of good size, very double and of splendid form, the petals
being cleft at the tips adds to its graceful appearance; it
is early and free and the flowers are held erect on good
stiff stems; in color it is of a delicate blush deepening to a
glowing but soft rose towards the centre. Plants, $1.00 each.

Twelve Select American Dahlias of recent introduc-
tion continued on next page.
TWELVE SELECT AMERICAN DAHLIAS OF RECENT INTRODUCTION—(Continued)

These can only be supplied in green or growing plants, ready for delivery about May 15th.

MARY C. BURNS
(Decorative)
We were enthused over this Dahlia when we saw it growing in the grounds of the originator during the summer of 1919, and flowers produced in our own fields during the past two seasons have further convinced us of its superior merit. It is unique in color and entirely distinct from all other varieties; the flowers are large, of perfect decorative form; in color it is of a luminous old gold with reddish reverse, a novel and pleasing color combination. The flowers are held erect on good stiff stems and are produced in great profusion. Plants, $1.50 each.

MEXICO
(Peony-flowered)
Brilliant cardinal red with yellow markings and suffusion, one of the largest of this type, gay and attractive and very free. Plants, $2.00 each.

PICOTEE
(Cactus)
One of our own introductions and entirely distinct from all other Cactus varieties. While the flowers are not of unusual size, measuring about 5 inches in diameter, they are of splendid form and graceful appearance. The color of the petals is a rich luminous crimson-carmine with the reverse of a silvery white color; the petals being fluted on the ends; this reverse side presents itself in such a manner so as to give the flowers the appearance of being variegated or tipped with white. Plants, $2.00 each.

SHELIKOFF
(Decorative)
To us this appears as one of the great decorative varieties, the flowers are not only large in diameter but of unusual depth and of splendid form, always full to the centre and of great substance; in color it is a rich deep glowing garnet. Plants, $2.00 each.

WHOPPER
(Decorative)
Another giant decorative with extremely large, well built deep flowers of a most pleasing shade of yellow-buff, suffused with orange. In form it is all that can be desired and its flowers are carried on strong stiff stems. Plants, $1.50 each.

SPECIAL OFFER
We will supply one plant each of the Twelve Select American Dahlias, offered on page 145 and above, delivery about May 15th, for $20.00.

TWO GREAT CALIFORNIAN DECORATIVE DAHLIAS
Both splendid varieties, and which are described and offered on page 152.
DREER'S TEN GREAT DAHLIAS

We have singled out these ten varieties from among the Cactus and Decorative types as worthy of every Dahlia fancier's special attention. While some of these are comparatively recent introductions the majority are sorts which we have been growing for a number of years, but to which we have been unable to give the prominence which they deserved, due to the fact that they are either difficult or slow to propagate, and as a result the demand has exceeded the supply. We have now succeeded in working up a fair stock, and take this opportunity to bring them to your notice, feeling certain that everyone who plants them will, the same as we do, appreciate the great merit of each individual variety.

ATTENTION

(Hybrid Cactus)

A beautiful Dahlia that is greatly admired. The flowers, which measure fully 6 inches in diameter, are composed of gracefully arranged curled or twisted petals of a lively yet soft silvery mauve rose, with white suffusion. 75 cts. each.

BREAK O' DAY

(Cactus)

A good-sized flower with a full, high centre with more or less curved and twisted petals, intermingled with the flatter ones, forming a most attractive, graceful flower. In color, a clear sulphur-yellow, shading to sulphur-white at the tips, the entire flower illuminated by a satiny sheen; early and free-flowering. $1.00 each.

ETENDARD DE LYON

(Cactus)

Everyone stops to admire this beautiful carmine rose giant, which we consider one of the finest varieties for garden decoration. The flowers are distinct in shape from all others; the petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep, a very large flower, yet without any stiffness or formality; its color is a rich carmine rose, or Royal purple, with a brilliant suffusion difficult to describe. $1.00 each.

GEORGE WALTERS

(Hybrid Cactus)

A favorite very large-flowered Californian, producing its flowers on long stiff stems very freely; these are of a pleasing salmon color with shrimp-pink shadings, equally fine for garden decoration and cutting. $1.00 each.

HORTULANUS FIET

(Decorative)

A colossal flower over 8 inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color of great charm. $1.00 each.

Dreer's Ten Great Dahlias continued on page 148
MRS. C. H. BRECK
(Decorative)
A splendid all around variety either for garden decoration as well as for cutting. Its flowers are always of perfect shape, full double to the centre of a soft yellow deeply suffused with carmine, produced in great profusion on long stiff stems. 50 cts. each.

QUEEN ELIZABETH
(Decorative)
Excellent as a garden variety and a splendid cut flower of good form 5 to 6 inches in diameter of a pleasing soft shade of pink with silvery suffusion, it is of free-flowering habit, coming into bloom early and continuing in good shape to the end of the season. 75 cts. each.

VATER RHEIN
(Hybrid Cactus)
Flowers frequently 7 inches in diameter, raised well above the foliage on stout stems; the petals are broad, curled and twisted, forming an ideal flower, the color of which is yellow, suffused with salmon-rose; a beautiful, attractive and imposing flower. 50 cts. each.

SPECIAL OFFER
One each of Dreer’s Ten Great Dahlias, offered and described on page 147 and above, a splendid high-grade Collection, for $6.00.
CHOICE CACTUS DAHLIAS

We offer on this and the following two pages a complete alphabetical list of the best Cactus sorts of recent introduction, together with the older well-tried gems which have made a reputation for themselves.

Attraction. Described and offered on page 147.

Autumn Prince. Fair sized flowers of a bright reddish apricot with golden suffusion, a splendid cut flower. $1.00 each.

Aviateur Garros. Light sulphur-yellow, shading almost to white at the tips of the broad-pointed petals. Flowers of medium size and borne freely on strong stiff stems. One of the earliest flowering. 50 cts. each.

Bianca. Uniformly large flowers, 6 inches and over in diameter, with moderately broad petals forming a splendid symmetrical and graceful flower of a soft, pleasing shade of mauve-pink, passing to a silvery-white at the tips. Admired by everybody. 75 cts. each.

Break o’ Day. Described and offered on page 147.

Countess of Lonsdale. A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions. 50 cts. each.

Crystal. A great exhibition flower of large size and splendid form; long twisted incurved tubular petals of a tender silvery pink, which passes gradually towards the centre to a soft ivory-white. 75 cts. each.

Duchess of Marlboro. This beautiful variety for freedom of bloom is in the same class as Countess of Lonsdale; a beautiful tint of solferino, backed by a sunshine-like golden suffusion at the base of the petals. 75 cts. each.

Etendard de Lyon. Described and offered on page 147.

Evangeline. A splendid free-flowering hybrid-cactus with flowers 5 to 6 inches in diameter, pure white with just a tinge of cream at the centre, long stiff stems; one of the most desirable whites. $1.00 each.

Floradora. A remarkably free flowering bright blood-red. 35 cts. each.

Francis White. A large deep flower composed of long curled and twisted narrow petals of a pure snowy white. 50 cts. each.

F. W. Fellows. One of the very best Cactus varieties ever raised, with flowers of unusual size for the long narrow petalled type of which this is one of the finest representatives. In color it is an intense coral-red with deeper suffusion at the centre; no collection of Dahlias is complete without it. 75 cts. each.

Galatina. A delicately colored very free flowering variety of medium size and perfect form; color a tender, delicate, soft pink, a pleasing tone. 50 cts. each.

Genoveva. One of the freest flowering primrose-yellows; fine for cutting. 50 cts. each.

General J. B. Seth. A rich brilliant scarlet, with orange-scarlet shadings, of perfect form. 50 cts. each.

George Schofield. Medium sized flowers of exquisite form, long narrow incurving, twisting petals. Color a delicate blending of apricot and yellow, shading to white at the tips; dainty and pleasing. $1.00 each.
Choice Cactus Dahlias

Continued

George Walters. Described and offered on page 150.

Golden Gate. A very large hybrid Cactus of a rich deep golden-yellow suffused and shaded fawn, lights up well under artificial light. Long stiff stems; very free. 50 cts. each.

Hoffnung. One of those beautiful peach and cream combinations that are always admired. The good sized flowers of perfect Cactus form are salmony old rose illuminated by a golden suffusion in the centre of the flower, and each petal lightly tipped with the same color. $1.50 each.

Lawine. White, with just a suggestion of blush as the flower matures; a fine, full, large flower. 35 cts. each.

Libellule. Of splendid form, sulphur-yellow shaded with capucine-red; exceptionally free-flowering. 35 cts. each.

Lord Minto. Very symmetrical flowers, with long quilled petals, which are cleft at the tips; color, centre pale yellow, passing to a soft rosy-salmon at the ends of the petals. 50 cts. each.

Marjorie Castleton. Incurred narrow petals of a pleasing shade of rose-pink with tips and centre of a creamy white. 35 cts. each.

Marguerite Bouchon. One of the most beautiful Cactus Dahlias yet introduced; it is perfect in form, of good size, in color a charming shade of brilliant yet soft rose, with a large white centre and distinctly defined white tips. $1.00 each.

Miss Willmott. Very free flowering, reddish apricot, shading to golden-yellow at the centre. 50 cts. each.


Mlle. Marie Doucet. One of the freest-flowering; a lovely mauve, passing to a white centre; of good size with fine stems. 75 cts. each.

Mme. E. P. de Normandie. A large flower of most distinct appearance, very regular in form, ground color silvery-pink, shaded light mauve, with just a slight golden suffusion, very dainty, a valuable cut flower. $1.00 each.

Mrs. Alfred Stern. Not a large but a beautiful flower, distinct from all others, due to the petals being deeply cleft, more so than in any variety, this giving it a lacinated, yes, really a fringed appearance. Color a most pleasing soft mauve-pink, suffusion over a white ground. 75 cts. each.

Mrs. Clinton. Very free-flowering, deep amber gradually passing to a rosy-scarlet. 35 cts. each.

Mrs. Edna Spencer. One of the best of the narrow petalled Cactus varieties, the large flowers are produced on strong stems, and are of a most delicate lavender-pink color with white suffusion. One of the best for cutting, the color being of a tint that is universally admired; the flowers have wonderful lasting qualities. $1.50 each.

Mrs. Warnaar. A splendid exhibition variety of a creamy white, with just a faint apple-blossom suffusion; flowers of gigantic size, over 8 inches in diameter, and on strong, stiff stems, petals long and peculiarly twisted and curled. A variety which we unhesitatingly recommend as of unusual merit. $1.00 each.
Choice Cactus Dahlias

Continued

Wodan. Described and offered on page 148.


Nibelungenhort. This is always greatly admired, with flowers from 7 to 8 inches across, composed of rather broad, more or less, curled and twisted petals of a beautiful shade of old rose with golden-apricot suffusion. Very free-flowing on long stems. $1.00 each.

Nordlicht. A fine large perfect flower of a glowing orange passing to rose at the tips, the entire flower having a dew-like suffusion of amethyst. $1.00 each.

Pierrot. A unique and striking novelty in color, and of unusual grace and refinement in form, being composed of very long, tubular narrow petals, which are of a deep amber color, usually showing white tips, but even when it comes a self color without these tips it possesses an individual refinement different from all other sorts. A wonderful exhibition flower and a splendid garden variety. 75 cts. each.

Rene Cayeux. Brilliant Geranium-red; not a large flower, but a general favorite on account of its brilliant color and early and free-flowering habit. 50 cts. each.

Rev. T. W. Jamison. An exhibition flower of large size, made up of long, narrow, thread-like, incurved petals of a bright mauve pink, illumined with salmon at the base. 50 cts. each.

Rheingau. Large, bold effective scarlet flowers raised well above the foliage on strong stiff stems. 50 cts. each.

Rheingraf. A pretty medium-sized flower of a tender mauve-pink that develops its flowers in sprays, a number of them expanding on the same branch at one time. 50 cts. each.

Rheinischer Frohsinn. A most distinct and refined variety. The flowers are large, of splendid form; the long, incurving petals are white at the base, but at about one-half their length they become suffused with and change to a luminous carmine-rose, the two colors combining harmoniously in forming a most attractive flower. $1.00 each.

Rheinkoenig. An ideal white variety, with flowers over five inches in diameter, of splendid form, and borne on long stiff stems held well above the foliage, of great substance, lasting well when cut. 50 cts. each.

Rosennymphe. A broad petalled hybrid cactus variety reminding one in form of a Water Lily; in color a delicate flesh, shading to a rosy white. 50 cts. each.

Sequoia. A beautiful variety, with long, tubular petals cleft at the tips, of a deep saffron-yellow suffused with red; a splendid autumn tint. 35 cts. each.

Sherlock. Orange scarlet with apricot suffusions, one of the pleasing autumn tints; flowers large, on good stems for cutting. 50 cts. each.

Snowdrift. Fine large pure white. $1.00 each.

T. G. Baker. A splendid large clear yellow. 50 cts. each.


Wacht am Rhein. Delicate rosy-pink or shell-pink with white suffusion. It is an early, free, and continuous bloomer, with flowers of good quality to the end of the season; these are of good size, held erect on stiff wiry stems, making it ideal for cutting, exhibition or garden decoration. 50 cts. each.
Select Decorative Dahlias

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted; but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds; furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions, a combination which assures their continued popularity.

Two Great Californian Decorative Dahlias

Mrs. Carl Salbach. This is one of the Californian varieties which has been seen at most of the Dahlia Shows throughout the country during the past season, and which has been accorded many honors. At the great show of the Dahlia Society of California, September, 1921, it was awarded the first prize for the best 25 flowers in competition with ten of the best growers. It was also awarded the first prize for the best individual flower exhibited at the Oakland, California, exhibition.

The plant is of exceptional clean, vigorous, erect habit of growth, producing its flowers on unusually long stiff stems. These are of splendid decorative form, measuring fully nine inches across, and are of a pleasing lively shade of solferino-pink with white suffusion, which brightens and intensifies its color, which is equally fine under natural as well as artificial light. A magnificent Dahlia that will please and prove satisfactory in all parts of the country. We offer strong divisions of field roots ready in April, 3.00 each.

Princess Pat. Flowers of immense size and of splendid decorative form, always coming with a full centre, in color a most pleasing shade of old rose that lights up wonderfully under artificial light. It is free-flowering, and the flowers are carried on excellent stems.

General Collection of Decorative Dahlias

Azalea. Always attracts attention on account of its pleasing color and great floriferousness. The flowers are of good size of a creamy-yellow more or less suffused with salmon, shading to old rose, the depth of this shading depending upon weather conditions. 2.00 each.

Bountiful. Distinct from all other varieties, flowers 6 to 7 inches in diameter, of absolutely perfect form, a graceful flower of a lively solferino pink, with white shadings in the centre, a splendid decorative Dahlia for the garden, and unsurpassed in its color as a cut flower; very free. 75 cts. each.

Breeze Lawn. This ideal decorative Dahlia originated about ten years ago, but being slow to propagate we have been able to catalogue it only on three occasions, as usually all available stock is oversold to visitors who see it in our fields, but we have this season, we believe, a sufficient supply to meet all demands. Its flowers are large, frequently over eight inches in diameter, but are not coarse; they have a refinement along with their rich color, an intense fiery red, not found in any other variety. An early and continuous bloomer, holding its fine quality to the end of the season. 1.00 each.

Charmminster. A peculiarly pretty suffusion of creamy-white, salmon and rosy-flesh, producing a very pleasing salmon-rose effect; the good shaped flowers are held erect on strong, stiff stems. 1.50 each.

Chief. A large flower of good form of a rich crimson-carmine, with golden suffusion; occasionally flowers will appear that are heavily streaked and splashed with canary-yellow. It is very pretty, either in its normal color or when it sports to this fancy form. 1.00 each.

Choice. Medium sized flowers of great substance on stout erect stems, color reddish old rose, with golden suffusion, which is particularly pronounced and luminous at the centre of the flower. 1.00 each.

Delicce. One of the most popular pink varieties, its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden. 35 cts. each.

Dr. H. L. Tevis. One of the California giant varieties, with a wonderful record as a prize winner. It is a magnificent flower of a blend of copper, old rose and old gold produced on the best stem possible raised well above the foliage. 1.00 each.

Easton. Not extra large, but a variety of brilliant coloring that should be in every collection, good form and remarkable free-flowering habit; in color a brilliant Turkish red. 35 cts. each.

Ethel Wolfrum. Not a large flower, but very dainty and pleasing in its soft color combination, the centre being white while the outer petals are of a delicate mauve-rose; it is very free-flowering on long stiff stems and a gem for cutting. Illustrated on page 53. 35 cts. each.

Eventide. A splendid flower of perfect form and large size, on long, stiff stems, and which for all purposes may be termed a white Dahlia, there being a faint flush of delicate rose on the edge of the flower. 50 cts. each.
Select Decorative Dahlias

Continued

F. L. Bassett. Carminie-purple, shading deeper at centre. 35 cts. each.

Frank A. Walker. A pleasing shade of solferino-pink that lights up particularly brilliant under artificial light. Valuable both for cutting and garden decoration. 35 cts. each.

Frau G. Scheiff. Introduced some seven or eight years ago, but yet comparatively little known due to its being slow to propagate. It is one of the most admired of the decorative type, color bright lively chamois, with just a faint suggestion of orange suffusion. The arrangement of its petals is quite distinct, these often showing the coppery-orange reverse by their peculiar twisting. $1.00 each.

Galety. A good variegated or fancy variety; in color a bright strawberry-red, each petal having a broad band of white through the centre. 35 cts. each.

Guillaume de St. Victor. A large, nicely finished flower of an ivory-white, with just a touch of delicate mauve suffusion as the flower develops; very good. 35 cts. each.

Hortulanus Fiet. Offered and described on page 149.

Hortulanus Witte. A very large free-flowering, pure white; a splendid cut flower and exhibition variety. 50 cts. each.

Insulinde. In the Philadelphia cut-flower market during the past season Insulinde has been one of the most sought after varieties, and has brought the highest price. This is not at all surprising when you note the beautiful autumn coloring, the entirely distinct formation of its flowers, and the fact that these are borne on rigid, stiff stems and held in horizontal position like a Zinnia, Aster or Chrysanthemum, different from any other Dahlia known to us. These flowers are large, 7 to 8 inches in diameter, with just sufficient broad, long curled and twisted petals to form a perfect and graceful flower of a beautiful golden ochre, with salmon-red suffusion, which deepens towards the center. $2.00 each.

Jack Rose. Brilliant crimson-red similar in shade to the popular "Jack" Rose; perfect for garden decoration and cutting. 35 cts. each.

Jan Olieslager. A splendid large pure yellow. 75 cts. each.

J. J. Johnson. Dark velvety maroon shading to almost black at the centre; an early and free bloomer. 50 cts. each.

King of the Autumn. This is a great Dahlia, both as a cut flower as well as for garden decoration. Its habit of growth is ideal, producing an abundance of flowers of good size, 6 inches or more in diameter, which can be cut with stems four feet long. It is of true decorative form excepting late in the season, when it often develops flowers of the Peony type. In color it is one of the most effective and pleasing autumnal tints, a luminous salmon-pink passing to a golden suffused buff near the edges, which is particularly pleasing under artificial light. 50 cts. each.

Lucero. A good shaped flower on long stems, distinct and unique in coloring, being a luminous deep bronzy buff. $1.50 each.

Lyndhurst. Brilliant cardinal-red. A fine cut flower. 35 cts. each.

Madonna. While rather flat in form it is, nevertheless, very attractive; the petals being more or less curled or twisted give it a most graceful appearance; color white with just the faintest suffusion of mauve. $1.50 each.

Manzanola. Brilliant oriental-red, with deeper shadings; a fine shaped flower with good stem, very free and ideal for cutting. 35 cts. each.

Marquise de Pomech. Rich maroon with scarlet shadings, a good sized flower of good form and substance; the best decorative of its color. $1.50 each.

Mina Burgle. This is the popular California variety. We consider it one of the best in our collection, it being one of the freest flowering decorative varieties; thirty large, perfect open flowers on one plant at a time being not unusual; in color it is a rich luminous dark scarlet, on long stiff stems, splendid both for cutting and garden decoration. 50 cts. each.

Miss Minnie McCullough. One of the most popular cut-flower varieties now grown, particularly valuable for use under artificial light. Color soft yellow, overlaid with bronze; a beautiful autumnal tint. 35 cts. each.

Mont Blanc. An early, free, continuous flowering creamy-white on good stiff stems. A most important cut flower variety. 35 cts. each.
Select Decorative Dahlias

Continued

Mrs. Charles L. Seybold. Ground color of crimson-carmine, each petal tipped and more or less marked with white; fine for cutting and for garden decoration. 35 cts. each.

Mrs. C. H. Breck. The best dark variety, a rich purplish-garnet with maroon shadings; flowers of good size and form. 35 cts. each.

Mrs. J. Gardner Cassatt. A large flowered mauve-pink; very pleasing; a fine cut flower. 35 cts. each.

Oregon Beauty. We doubt if there has been a single visitor to our Dahlia fields who has not included this brilliant gorgeous variety in his selection. It has also been prominently displayed at exhibitions. Its rich color, an intense Oriental-red with golden sheen and garnet suffusion, makes it one of the varieties that stands out prominently among all of its neighbors. 50 cts. each.

Patrick O'Mara. This new Dahlia named in honor of one of America's noted horticulturists, has been one of the most prominent features at the shows of the American Dahlia Society at New York during the fall of 1920 and 1921, where it was awarded the Dahlia Society's Gold Medal, and it has also won high honors at many shows throughout the country.

It is of free-flowering habit. The flowers, supported on long stiff stems, are of good size, perfect form, and in color a rich chrome yellow, with salmon-red suffusion. This variety was extensively advertised last year at $10.00 each for green plants. We have acquired a good stock of it, and now offer it in strong divisions of field roots at $8.00 each.

Pink Perfection. This is the pink flowered form of Hortulanus Fiet, a most popular variety described on page 149 of this catalogue. Pink Perfection, we believe, will even surpass like the latter it is of giant size, over 8 inches in diameter, of perfect decorative form held erect on stiff stems and free flowering. In color it is a beautiful shade of salmon-pink, with old rose suffusion and illuminated with a lively golden sheen. $1.00 each.

Polar Bear. Unquestionably the finest white decorative variety yet introduced. It is pure in color, the flowers are of great size, of excellent form, borne very freely on good, long stems, and it lasts wonderfully either on the plant or when cut. $2.50 each.
PEONY-FLOWERED DAHLIAS

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Peonies in general form. They all flower very freely and are borne on long, strong stems, making excellent material for cutting as well as for garden decoration. The varieties offered include the best of the standard sorts as well as the latest introductions.

**America.** Pure shrimp-pink with golden suffusion. 75 cts. each.

**Avalanche.** A splendid white, which on account of its pure color should have been called Purity. 75 cts. each.

**Berche van Heemstede.** Rich primrose-yellow with golden sheen. Flowers of medium size; very free-flowering. 50 cts. each.

**Chatenay.** A splendid flower on long, stiff stems, of a soft Carmine-rose shaded crimson. 35 cts. each.

**Dr. Henry Sewall.** Very distinct, a pink fawn with amber shadings at the base of the petals; a pretty flower on a long stem. 75 cts. each.

**Fackel.** Rich coral-red with golden suffusion passing to saffron-yellow at the edges; an attractive, lively flower on good stems and produced in profusion. 50 cts. each.

**Fritzimann.** A brilliant geranium-red, and frequently producing flowers which are variegated white. 35 cts. each.

**Geisha.** The showiest and most attractive of this type yet introduced; the rich colored flowers are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold. $1.00 each.

**Hortulanus Budde.** Very free-flowering; rich rosy-scarlet; particularly attractive under artificial light. 50 cts. each.

**Hampton Court.** One of the best; a bold flower of good form, of a bright mauve-pink. 50 cts. each.

**Lady Penzance.** Primrose-yellow suffused with salmon-red; early and very free. 35 cts. each.

**Ladysmith.** A pretty free-flowering salmon-red. 75 cts. each.

**Mme. Coissard.** To us this is the most artistic and graceful Dahlia of this type yet introduced; its flowers are large, composed of incurving shell-like petals; these are of brilliant French purple or Carmine-crimson, freely marked, shaded and suffused with white. $1.00 each.

**Mme. Vard.** Deep oriental red with golden disc and markings, a gorgeously colored effective flower of good size. $1.00 each.

**Mme. van Bystein.** Splendid either for garden decoration as well as for cutting; a pleasing soft shade of mauve-pink on good long stems. 50 cts. each.

**Mondscheibe.** Large canary-yellow, very free-flowering, very attractive. $1.00 each.

**Mrs. G. Gordon.** Splendid large lemon-yellow. 50 cts. each.

**Mrs. Helen Ladd Corbett.** Very free-flowering soft silvery pink. 50 cts. each.

**The Mahdi.** A very large fancy Peony of good form, of a rich blood-red mottled and streaked with creamy-white and yellow; a very attractive flower. $1.00 each.

**Zonsondergang.** A Holland specialist's introduction, the name Zonsondergang being the Dutch word for "Sunset," which was no doubt suggested by its color, which is one of those beautiful salmon-red autumn tints that is so much admired in Dahlias, and the coloring in this variety being particularly intense and rich. It is one of the very large flowered varieties; these are borne on good stiff long stems and are produced very freely; a fine cut flower. $1.50 each.

**Special Offer**

We will supply each of the 20 Peony-flowered sorts offered above for $12.00.

**NOTE.**—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.
Show and Fancy Dahlias

This is the old-fashioned densely double type which will always have many admirers; they are very free, early and continuous bloomers, and are splendid for cutting.

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form and very free-flowering. 35 cts. each.

Arabella. Light sulphur-yellow shaded peach blossom on edges. 35 cts. each.

Cuban Giant. Very large ball shaped flowers of a bright maroon, free and early. 35 cts. each.

Chameleon. Flesh colored center, shading to crushed strawberry with yellow blending. 35 cts. each.

Charles Lanier. Large, rich yellow. 50 cts. each.

Dee-lighted. A very large pure white produced early and freely. 50 cts. each.

Dorothy Peacock. Large perfect shaped flowers of a bright sea-shell pink color, very early, free and continuous blooming. 35 cts. each.

Dreer's White. A pure glistening white, a large ball-shaped flower with closely quilled petals, unsurpassed by any other variety in freedom of flowering. Since its introduction in 1909 it has been the premier white show variety at all exhibitions where shown. 50 cts. each.

Elsie Burgess. A very free-flowering variety, ground color white, with lavender-pink sulfusion. 35 cts. each.

Emily. Sulfurino with white markings; very large and free-flowering. 35 cts. each.

Galvanic. Very free-flowering sulfurino-red, with deeper sulfusion, flowers of perfect form. 35 cts. each.

Gold Medal. This is without question the finest fancy Dahlia that has ever been produced. It is not a new variety, but it is only rarely that we have a sufficient supply to enable us to offer it. It is an early continuous bloomer; the flowers are perfect to the end of the season; in color a bright Dandelion yellow, beautifully streaked and splashed with Oriental red. 50 cts. each.

Imperial. A good shaped, free-flowering rich deep purple. 35 cts. each.

Miss Browning. A perfectly formed flower, canary yellow, sometimes showing a white tip. 35 cts. each.

Miss Minnie Vosburg. A splendid ball-shaped pure white. 35 cts. each.

Princess Victoria. Primrose-yellow; never produces an imperfect flower; in bloom early and late; long stiff stems; fine for cutting. 35 cts. each.

SPECIAL OFFER.—One each of the 22 Show and Fancy sorts for $7.50.

Choice Double Pompon Dahlias

While the Pompon varieties are not as extensively grown as the other double types they still have many admirers; their dainty little flowers are produced very freely.

Amber Queen. Rich, clear amber shaded apricot.

Annie Doncaster. Base of petals yellow, gradually passing to a pearly pink at tips.

Arthur Kerley. Purplish-crimson; very free.

Gretchen Heine. A dainty flower of rose tinted white, each petal heavily tipped crimson-carmine.

Indian Chief. Crimson, very free.

Kleine Domitea. Orange buff, always in flower.

Pheobe. Orange tipped crimson.

Pride. Very deep crimson-scarlet.

Prince Charming. Cream, heavily tipped purple.

Rosalie. Lemon-yellow tipped sulfurino.

Snow clad. Fine white.

Sunbeam. A fine crimson.

Price. Any of the above, 25 cts. each; $2.50 per doz.

Collection of one each of the 12 Pompon Dahlias for $2.50.
COLLERETTE DAHLIAS

The Collerette Dahlias have artistic single flowers with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower.

Dainty. Soft rose, deepening to carmine centre, lemon-yellow collar.

Exposition de Lyon. Bright garnet, yellow collar.

Claurice Rivoire. Ox-blood red and white fringed collar.


Mme. Lygax. Bright cochinesal-red, primrose yellow collar.

Rosette. Giant size, velvety cerise suffused white, white collar.


Price. Any of the above choice varieties, 35 cts. each.

A collection of one each of the 7 sorts for $2.00.

New Century Single Dahlias

This giant flowering type of Single Dahlias are now very popular both for garden decoration and for cutting.

Ami Barillet. Rich garnet, free and choice. 35 cts. each.

Anna Long. A beautiful pink, with white suffusion. 35 cts. each.

Golden Century. A splendid large primrose-yellow. 50 cts. each.

Hazel Heiter. Bright crimson-carmine, with deeper shadings, base of petals canary-yellow. 25 cts. each.

Jack. Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow; the freest flowering Dahlia grown. 35 cts. each.

Mrs. J. C. Hance. Large well-rounded flowers; early in the season it is white slightly flushed and tipped with soft rose, while later the entire flower is of a tender rose-pink. 50 cts. each.

Rose-pink Century. Flowers 6 inches and over in diameter, of a clear rose-pink color; a strong grower, with long, stiff stems; fine for cutting. 35 cts. each.

St. George. Primrose-yellow. 35 cts. each.

Snowflake. Very free-flowering: pure white. The finest single white yet introduced. 35 cts. each.

Scarlet Century. Brilliant scarlet with golden disc. 35 cts. each.

Twentieth Century. Early in the season an intense rosy crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white suffused with soft pink. 25 cts. each.

Wildfire Century. Brilliant cochinesal red with orange-scarlet suffusion; habit dwarf and free. 25 cts. each.

Special Offer. One each of the above 12 varieties for $3.50.
Dreer’s Fine Ferns

We offer below a few of the more important Decorative Ferns.

Adiantum Farleyense Gloriosa (The Glory Fern). An easy-growing form of that most beautiful of all Maiden Hairs, Adiantum Farleyense. Good plants in 3-inch pots, 35 cts. each; 4-inch pots, 75 cts. each.

Adiantum Cuneatum. This is the well-known fine-leaved Maiden-Hair variety so extensively used in connection with cut flowers. 3-inch pots, 25 cts. each.

Alsophila Australis (Australian Tree Fern). A rapid-growing Fern with large, arching fronds of a light green color; very decorative. 3-inch pots, 25 cts. each.

Davallia Lucida (Here’s Foot Fern). A most desirable variety for the window-garden, of slow growth, but as hard as a Palm. Good young plants, 3-inch pots, 60 cts. each.

Cibotium Schiedel (Mexican Tree Fern). One of the most desirable and valuable Ferns in cultivation. 4-inch pots, $1.00 each; 6-inch pots, $2.00 each; 8-inch pots, $3.00 each.

Cyrtomium Rivertonianum Compactum (Crested Holly Fern). Next to the Boston Ferns, the Holly Fern is the most satisfactory for apartment use. Foliage of rich glossy dark green, the pinnae or leaflets, besides being wavy or undulated on the edges, are also deeply cut or toothed, giving the plant a graceful and light appearance. 3-inch pots, 25 cts.; 4-inch pots, 50 cts. each.

Nephrolepis Bostoniensis (Boston Fern). The original type with long graceful fronds. 4-inch pots, 75 cts.; 6-inch pots, $1.50 each.

Nephrolepis Bostoniensis “Teddy, Jr.” A splendid, compact variety of bushy habit of growth. 4-inch pots, 75 cts.; Specimen plants in 6-inch pots, $1.50 each.

Nephrolepis Elegantissima Compacta (Ostrich Plume Fern). A neatly crested form of the Boston Fern. 4-inch pots, 75 cts.; 6-inch pots, $1.50 each.

Nephrolepis Norwood. A dwarf compact form of the crested Boston Fern with the pinnae divided into very small size; light, airy and graceful. 4-inch pots, 75 cts. each; 6-inch pots, $1.50 each.

Polypodium Mandalanum Seedlings. Fronds wavy and undulated and of an attractive glaucous-blue color; very hardy house plants. 4-inch pots, 75 cts. each.

Pteris Alexandri. The crested fronds of this pretty variety are variegated with silvery-white. 2½-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

Pteris Rivertoniana. The most distinct and desirable of the taller crested forms of Pteris. 2½-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

Pteris Wilsoni. Of compact habit, forming a very symmetrical plant. The bright green foliage is beautifully crested. 2½-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

Pteris Tremula. One of the strongest growing of the Pteris; fronds of a cheerful bright green, grows about 3 feet high, succeeds splendidly as a house plant. 2½-inch pots, 15 cts.; 4-inch pots, 50 cts. each.

Pteris Victoriae. Has narrow graceful foliage of a deep green color, elegantly variegated with silvery-white, the prettiest of the variegated varieties. 2½-inch pots, 15 cts. each; 4-inch pots, 50 cts. each.

Ferns for Fern Dishes

We can supply the most desirable varieties for this purpose.

Farfugium

Grande (Leopard Plant). This is an extremely ornamental plant. Its large, circular leaves, thickly spotted with creamy, white and yellow, make it wonderfully effective for room decoration. It likes a soil of loam and mucky matter, half and half, with a good deal of water. Ample provision, however, should be made for drainage. About a month apply a fertilizer, as it is a gross feeder when allowed to have its way. Keep it in the shade. 50 cts. each; $5.00 per doz.

Ficus (Rubber Plant)

Australis. A rapid-growing compact, free-branching variety, with small, leathery, dark-green leaves. Very attractive when grown in bush form. 4-inch pots, 75 cts. each. Larger plants, $1.00 and $2.00 each.

Elastica. The well-known Rubber Plant. 4-inch pot, 10 inches high, 75 cts. each; 6-inch pot, 20 to 24 inches high, $1.50 each.

Utilis. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardiness. The leaves are thick and leathery, of a rich holly-green, with midrib and principal veins of ivory-white. Strong plants, $1.00 and $2.00 each.
DREER'S SELECT GLADIOLUS
(SWORD LILY)

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower.

Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

For complete cultural directions see our book, "Hints on the Growing of Bulbs." Price, 25 cts., or free to customers who ask for it when ordering.

Superb New and Rare Gladiolus

The twelve sorts offered below are all extra high grade and will be a real surprise to those who are only familiar with the old varieties.

Capt. Ferber. A comparatively new French introduction with very large round flowers of a pale plum violet blotted deep violet amaranth, a rich and unusual color. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Charlemagne. A French introduction with very large, open flowers on massive spikes; color described by introducer as sunrise red, flaked darker, and marked with large creamy-white blotches, densely dotted with purple-carmine. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Deuil de Carnot. A superb French introduction with good sized open flowers of rich velvet crimson-maroon, shaded with black; the richest colored of all. 20 cts. each; $2.00 per doz.; $15.00 per 100.

Etendard. One of the choicest introductions of the famous French hybridizer, Lemoine, with immense orchid-like flowers four inches and over across. Upper petals rich, cream-tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 20 cts. each; $1.75 per doz.; $12.00 per 100.

Eugene Lefebvre. Another of Lemoine's giant varieties, beautifully formed flowers of bright pink, throat spotted and dotted with purplish amaranth and cream. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Evelyn Kirkland. A splendid variety with large flowers of wonderful substance of rosy pink at the edges passing to shell-pink in the throat, with fiery scarlet blotches on lower petals. A strong, robust grower. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Jean de Talis. One of Lemoine’s introductions producing flowers of enormous size of a pure salmon, with large rich reddish maroon blotches. A handsome and striking variety. 30 cts. each; $3.00 per doz.; $20.00 per 100.

La Couronne. A beautiful French variety with flowers of largest size, of a creamy white, the throat blotched with dark maroon bordered with pale yellow; one of the most attractive. 30 cts. each; $3.00 per doz.; $20.00 per 100.

Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong straight spikes. In color a lovely salmon-pink with brilliant deep red blotches in the throat. A color combination rivalling many of the finest orchids in its richness; exquisite in every way. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Heliotrope. Fine large flowers of velvety bishop's violet, shaded with pansy-purple; rich and novel and very effective as a cut flower used in conjunction with one of the yellow sorts. 40 cts. each; $4.00 per doz.

Schwaben. A most meritorious variety of wonderful vigor, with strong erect spikes and large well-expanded flowers of a clear canary-yellow with a small blotch of deep garnet in the throat. This may now be considered the best and freest growing yellow variety. 12 cts. each; $1.25 per doz.; $8.00 per 100.

War. A magnificent dark variety with tall spikes well filled with large flowers of a rich blood-red shaded with crimson-black. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Collections of Superb New and Rare Gladiolus

| 1 each of the above 12 sorts, 12 bulbs | $2.75 | 6 each of the above 12 sorts, 72 bulbs | $12.50 |
|3 " " 12 " 36 " | 7.50 | 12 " " 144 " | 24.00 |

Our Gold Medal Mixed Gladiolus offered on page 161 are extra fine.
Six Grand American Gladiolus

Within recent years American hybridizers have produced some of the very best Gladiolus, being noted for their strong, free growth, free-flowering qualities, purity of color and their ability to produce satisfactory results in our climate even under the most ordinary conditions, and whether wanted for show in the garden or for cutting, the six sorts offered under this head now hold the premier place in their respective colors, and are offered at prices so reasonable, considering their high grade, that they should be planted in quantity wherever summer flowers are wanted.

America. Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Mrs. Francis King. A striking shade of light scarlet or flame color; one of the most effective. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Nagara. A charming variety, of a delicate cream-yellow, lightly marked and splashed with rosy-carmine in the throat; beautiful as a cut flower. 10 cts. each; $1.00 per doz.; $7.50 per 100.

Panama. A favorite wherever high-grade varieties are grown; in color a rich rose-pink. 10 cts. each; $1.00 per doz.; $7.50 per 100.

Peace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 10 cts. each; $1.00 per doz.; $7.50 per 100.

Princeps. Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 12 cts. each; $1.25 per doz.; $8.00 per 100.

Collections of Six Grand Gladiolus

3 each of the 6 sorts..............$1.50 | 12 each of the 6 sorts..............$4.75
6 " 6 " 6 " ........... 2.50 | 25 " 6 " ....... 6 " ....... 9.00

GENERAL COLLECTION CHOICE NAMED GLADIOLUS

In addition to the Superb New and Rare Named sorts offered on the preceding page, and the six grand sorts offered above, we offer below a very select list of named sorts, each one quite distinct and first class in every way.

Augusta. A lovely and useful variety, pure white with blue anthers. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Baron Hulot or Blue King. A really fine blue Gladiolus, in color a rich, royal violet blue, very effective when cut and used in conjunction with a yellow variety. 12 cts. each; $1.25 per doz.; $10.00 per 100.

Brenchleyensis. A most effective scarlet for massing. 6 cts. each; 60 cts. per doz.; $4.50 per 100.

Chicago White. Pure white, lightly marked with lavender; fine for cutting. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Empress of India. Rich velvety dark red with deep shadings. 10 cts. each; $1.00 per doz.; $6.50 per 100.

Haley. Large open flowers of a delicate salmon-pink; very early. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Herada. Very large flowers of pure mauve with deeper markings in the throat; on tall, straight spikes. An unusual color and very effective cut flower. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Kunderdi Glory. Large creamy white flowers with crimson stripe in centre of each petal; end of petals ruffled. 10 cts. each; $1.00 per doz.; $7.00 per 100.

Liebesfeuer. One of the best scarlets; brilliant and effective. 20 cts. each; $2.00 per doz.; $15.00 per 100.

L’Immaculée. A favorite pure white for cutting; splendid spikes early. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Loveliness. Very large flowers of creamy-white, suffused with soft pink; a lovely variety. 12 cts. each; $1.25 per doz.; $8.00 per 100.

COLLECTIONS OF CHOICE NAMED GLADIOLUS

1 each of the 22 varieties on this page, 22 in all..............$2.25
3 " 22 " 22 " ........... 5.50 | 6 each of the 22 varieties on this page, 132 in all.............$10.00
12 " 22 " 22 " ....... 6.00 | 42 " 22 " 22 " 261 " ........... 19.00

NOTE—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent, to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.
PRIMULINUS HYBRIDS

The original of this type, introduced from South Africa, has been wonderfully improved in the last few years by crossing with choice garden varieties; they are quite distinct from the usual run of Gladioli, being of more slender growth, the orchid like flowers set airily on the slender yet strong spikes, the range of colors is brilliant and beautiful and planted in fair sized groups in the garden make a very showy display, but it is as cut flowers that their grace and wonderful colorings show to best advantage. We offer six choice named sorts as well as a splendid mixture.

Apricot. An attractive apricot yellow.
Fire Queen. Fiery orange vermilion with yellow throat.
L'Unique. A wonderful combination of bronze and orange yellow.

Orange Brilliant. Brilliant orange, very rich.
Queen Victoria. Glittering bright pink, throat silvery rose.
Violet Queen. Rich velvety violet

Price. Any of the above 20 cts. each; $2.00 per doz.; $15.00 per 100; 3 each of the 6 sorts for $3.00; 6 each of the 6 sorts for $5.00.

Mixed Primulinus Hybrids. This mixture is certain to produce some beautiful flowers mostly in tones running from light yellow to orange, apricot and crimson. 60 cts. per doz.; $4.00 per 100; $35.00 per 1000.

GLADIOLUS in Mixture

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all strictly selected first size bulbs, and are sure to give satisfactory results.

GOLD MEDAL GLADIOLUS

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures and who do not care for the named sorts. When Gladioli are grown in mixture they are liable to deteriorate, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high-priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth, and similar rich shades of color in great diversity. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow, and delicate shades of pink, rose, etc., and is especially valuable for cutting. 7 cts. each; 75 cts. per doz.; $5.00 per 100.

Gold Medal Mixture. This contains some each of the above and so great is the diversity in colors that customers run pracitcally no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 7 cts. each; 75 cts. per doz.; $5.00 per 100; $45.00 per 1000.

MIXED GLADIOLUS

IN SEPARATE SHADES

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<tr>
<td>Yellow and Orange</td>
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<tr>
<td>Pink and Rose</td>
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</tbody>
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NOTE—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent, to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.
FITTONIA

Trailing plants, with handsome variegated foliage, most useful in the conservatory for planting on surface of pots or tubs containing specimen plants.

Argyroneura. Vivid green, with network of pure white veins. 25 cts. each.

Verschaffelti. Bronzy green, with pink variegation. 25 cts. each.

Four Best Bedding Geraniums

The varieties offered are all semi-double flowering and are the best of their respective colors for out-door planting.

Alphonse Ricard. Bright vermilion scarlet.
Beaute Poitvène. Finest salmon-pink.
Mme. Recamier. Pure white.

25 cts. each; $2.50 per doz.; $18.00 per 100.

SELECT GLOXINIAS

The Gloxinia ought to be one of our common plants because of its great beauty, the profusion of its flowers and its summer blooming habit. But it is not common, by any means, and this fact is attributable almost entirely to the impression that prevails to a great extent that it is a very difficult plant to grow—quite beyond the ability of the amateur, in fact. Such is not the case; however, if one goes at it in the right way. Full cultural directions are given in our book, "Hints on the Growing of Bulbs." Price, 25 cts. per copy, or free to customers who ask for it when ordering.

We offer a choice selection in Red, White, Purple or Mixed colors, 35 cts. each; $3.50 per doz.

GLORIOSA (Climbing Lily)

Superba Rothschildiana. A splendid tropical climbing plant, easy to grow in a warm conservatory, grows 6 to 10 feet high, producing its gorgeous lily-like flowers, which open a bright yellow, changing to a deep scarlet, in bloom through the summer and autumn months. 50 cts. each.

HELIOTROPES

(Cherry Pie)

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. We can supply light and dark colored varieties. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Hyacinthus Candidans

(Cape Hyacinth)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surrounded with from 20 to 30 pure white, bell-shaped flowers. (See cut.) 15 cts. each; $1.50 per doz.

Hydrangea Hortensis

We offer a splendid collection of this popular summer flowering plant. See page 163.

ISMENE CALA THINA

(Peruvian Daffodil)

A grand summer flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and, after a few weeks rest, potted and flowered in the house in the winter, or kept over for planting out another season. 25 cts. each; $2.50 per doz.

LAGERSTREEMIA

(Crape Myrtle)

This is one of the prettiest Shrubs, and while hardy south of the Potomac, requires protection in this latitude. Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two or three months in the summer will be covered with flowers.

Indica. Delicate soft pink.
Alba. A white-flowered form. Price, $1.00 each.
New Double-Flowering Hydrangea

In some soils, due to the presence of some chemical constituent, plants will flower pink one season and blue the next, and this without treatment.

The most effective method to artificially produce blue flowers is to utilize alum, which should be broken up into pieces about the size of a hickory nut.

NEW DOUBLE FLOWERING HYDRANGEA, DOMOTOI

This splendid novelty possesses all the valuable characteristics of the popular and well-known Hydrangea Otaksa, but produces beautiful double florets, which are far more lasting than the single flowers of Otaksa. We believe it will thrive well wherever Otaksa flourishes, and thus prove just as useful for planting under similar conditions. Strong plants, 50 cts. each. Extra strong plants, $1.00 each.

Six New and Rare Hydrangeas

Glaceux. Vigorous heavy growth and foliage make this a very attractive plant. The flowers are of a light rose color, very substantial and nicely fringed.

Louis Foucard. A free graceful grower, developing into very shapely plants with deep crimson flowers.

Mme. Foucard. Of dwarf compact habit of growth with bright carmine flowers.

Mme. Truffault. This variety is unique and pretty. It is a free though compact grower, produces its flowers in great profusion on a very shapely plant. In color it is a pleasing shade of light rosy-pink, each floret is deeply fringed or frambiated giving the flowers a graceful finish.

Opale. A tall vigorous growing variety with large foliage and immense trusses of large florets of a most attractive shade of delicate rose-pink.

Professor D. Bois. Strong heavy grower with large foliage and very large trusses of flowers with undulated edges of a bright glistening carmine.

Price. Any of the above varieties in strong plants, $1.00 each; the set of 6 varieties for $5.00.

MOST POPULAR FRENCH HYDRANGEA, TROPHEE

Wonderful richness of color, a brilliant carmine, and its remarkable freedom of flowering have not only made Trophee the most popular variety for Easter forcing, but will also make it one of the most attractive and desirable for general culture.

Strong 4-inch pots, 50 cts. each; 6-inch pots, $1.00 each; large plants, 7-inch pots, $1.50 each.

Hydrangea Hortensis

All of the varieties of Hydrangea Hortensis are extensively grown by florists for Easter Decoration as pot plants, but their chief value, and especially so in large specimens, is the handsome decorative effect which they produce when used for the porch, lawn or garden during summer.

In the latitude of Philadelphia, many plants may be seen in sheltered spots, usually on the side of a porch, and generally on the south or west side of the street, where they bloom and flower year after year with wonderful profusion. They are particularly prominent at many of the New Jersey seashore resorts under similar conditions, where the great banks of Hydrangeas, when in flower during July and August, are a sight to be remembered.

Outside of these favored locations, this method of cultivation cannot be recommended. The plant produces its flowers from well-matured buds of the previous season's growth, which, in unfavorable exposures, or under bad weather conditions, may become damaged by even a comparatively few degrees of frost and, we, therefore, recommend tub culture.

In the fall, when sharp frosts are anticipated, protect the plants temporarily by placing in shelter, but again returning to full exposure until there is danger of freezing weather, when they may be placed in a light cool cellar or similar place, where they should be kept as cool as possible without freezing. During winter, they are to be kept comparatively dry, only enough water being supplied to prevent the roots from drying up.

In spring, bring the plants out on the piazza in a sheltered spot and increase the supply of water, and, as the weather becomes thoroughly settled, place them out in the garden, where the flowers will naturally come blue. In some gardens the skill being brought to bear by the cultivator, they incorporate with each bushel of soil about one-half pound of a hickory nut.

SELECT FRENCH VARIETIES

Avalanche. Fine light white.

Baby Bimbénet. Large compact trusses of silver rose.

Clairveau. Bright carmine rose.

E. G. Hill. Immense pink.

General de Vibrate. Large bright rose.

Lilie Mouillere. Beautiful carmine rose.

Mme. Auguste Nonin. An unusually attractive pretty pale pink, in heads of large size.

Mme. E. Mouillere. The most popular white.

Mme. R. Jacquet. Very pretty light pink.

Mont-Rose. Very fine, early, and almost everblooming pink.

Souvenir de Lieutenant Chauriez. Immense heads of bright rose carmine.

Souvenir de Mme. E. Chautard. The most popular, early, free pink.

Strong young plants, 25 cts. each; $2.50 per doz.; set of 12 varieties for $2.50.

Strong plants from 5-inch pots, 60 cts. each; $6.00 per doz.; set of 12 varieties for $6.00.

Extra strong plants from 6-inch pots, $1.00 each; $10.00 per doz.; set of 12 varieties for $10.00.

Specimen plants from 7-inch pots, $1.50 each; $15.00 per doz.; set of 12 varieties for $15.00.

HYDRANGEA OTAKSA

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

Young plants in 3-inch pots, 25 cts. each; $3.50 per doz.

Good plants in 5-inch pots, 60 cts. each; $6.00 per doz.

Strong plants in 6-inch pots, $1.00 each; $10.00 per doz.

Strong plants in 7-inch pots, $1.50 each; $15.00 per doz.

Specimens in 7-inch tubs, $2.00 each, including tub.

Specimens in 8-inch tubs, $3.00 each, including tub.
PALMS FOR HOME ADORNMENT

No collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting room, is complete without them.

**Areca Lutescens.** One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green; with yellow stems.

3-inch pots, bushy plants, 12 to 15 inches high........... $0.50 each.
4 " 15 to 18 ".......... 75 "
5 " 18 to 24 ".......... 1.50 "
6 " 28 to 30 ".......... 2.50 "

**Cocos Australis.** In general habit similar to Phoenix Canariensis, but heavier, glossy, green foliage, gracefully recurved. A valuable decorative variety and also useful for lawn decoration in summer, standing exposure to the hottest sun. We offer a fine lot of specimen plants, as under:

16-inch tubs, 3 to 3½ feet high........................................ $20.00 each.
16 " 4½ to 5 "............. 30 "
16 " 6 "................. 35 "
16 " 6½ to 7 " .......... 50 "

**Cocos Weddelliana.** The most graceful and elegant of all Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color; admirable for fern dishes. 2½ inch pots, 35 cts. each.

Kentia Belmoreana. The Kentias are the hardest Palms in cultivation. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf spreading habit, with fine rich dark green foliage.

3-inch pots, 12 inches high............... $0.50 each.
4 " 15 ".............. 75 "
5 " 18 ".............. 2.00 "
6 " 20 ".............. 3.00 "
7 " 24 ".............. 5.00 "
8 " 26 ".............. 7.50 "
8-tubs, 36 "........... 10.00 "

**Kentia Forsteriana.** This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

3-inch pots, 12 inches high........ $0.50 each.
4 " 15 ".............. 75 "
5 " 24 ".............. 2.00 "
6 " 30 ".............. 3.00 "
7 " 36 ".............. 6.00 "

**Kentia Forsteriana (Made-up Plants).** These are specimens made by planting several plants together; very useful decorative specimens.

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**Kentia Sanderiana.** A pretty collection Palm of elegant, graceful habit, with narrow pinnae. 3-inch pots, 12 inches high, 75 cts. each; 5-inch pots, 18 inches high, $1.50 each.

**Phoenix Canariensis.** We have a fine lot of large decorative plants of this useful Palm in 12-inch tubs, 3 feet high, $15.00 each.

**Phoenix Roebeleni.** The most graceful of the Phoenix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully recurving leaves, with very narrow dark green pinnae, give it a lightness and airiness not surpassed, if equalled, by Cocos Weddelliana; at the same time it is as hardy as a Kentia, succeeding admirably as a house plant.

5-inch pots, 15 inches high, nicely characterized.............. $2.00 each.
Specimens in 6-inch pots, 1½ feet high.......................... 3.50 "
" 7 " tubs, 2 "........ 5.00 "

**Phoenix Zeylanica.** A pretty, compact growing form of the Date Palm. It might be termed a miniature Phoenix Reclinata. 5-inch pots, $1.50 each.
PANDANUS (Screw Pine)
Veitchi. One of the finest decorative plants for the house; graceful foliage, broadly striped with cream-white on a green ground. 4-inch pots, $1.00 each; 6-inch pots, $3.00 each.

PASSIFLORA (Passion Flower)
Princetps. This is one of the best greenhouse climbers, a rare and showy variety with bright red flowers. 75 cts. each.

PENNISETUM (Fountain Grass)
Tender ornamental grasses, valuable either as individual specimens in the garden or for massing, while as for border plants for beds of Cannas or Caladiums nothing equals them.

Marcrophyllum Atrosanguineum (Crimson Fountain Grass). Foliage gracefully recurved, of a pleasing dark metallic, coppery-bronze and tawny crimson plumes, attains a height of about 4 feet. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Cupreum. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower leaves; grows about 3 to 3½ feet high. 25 cts. each; $2.50 per doz.; $15.00 per 100.

Rueppelianum (Purple Fountain Grass). Grows about 3 feet high, producing long, graceful green foliage and purplish plumes. Young plants ready in May. 15 cts. each; $1.50 per doz.; $10.00 per 100.

Dreer's Superb Single-fringed Petunias
Our own strain of the finest large-flowering single-fringed sorts of this useful bedding plant, and invaluable for porch and window boxes, flowering continuously from early in the summer till frost. Ready in May and June; 15 cts. each; $1.50 per doz.; $12.00 per 100.

PHYLLOCACTUS
Beautiful flowering plants closely allied to the Cacti, with thorny leaf-like stems. The flowers, which often measure eight inches indiameter, are long, somewhat trumpet-shaped, consisting of several rows of petals, which in color range from pure waxy white to deep crimson, and are freely produced on well-ripened stems in spring. They are of easy culture, should be confined to small pots and sparingly watered. We offer a choice selection of 12 named varieties. 50 cts. each. Set of 12 for $5.00.

PLUMBAGO
Coccinea Superba. Grows about 18 inches high, and producing long spikes of showy satiny-carmine flowers; a fine pot plant for the window garden. 25 cts. each.

SALVIA SPLENDENS "AMERICA"
(Scarlet Sage)
This is the finest of all the Scarlet Sages, being the earliest, freest and most continuous bloomer. It is also the most uniform in habit of growth. The bushy plants grow about 15 inches high, and the immense spikes of brilliant scarlet flowers rising clear above the rich green of the foliage, making a total height of not over two feet. One of the most effective bedding plants in cultivation. 15 cts. each; $1.50 per doz.; $10.00 per 100.

SANSEVIERIA
Zeylanica Laurentii. This variety, in addition to the variegation shown in the ordinary sort, has a band of creamy yellow varying from ⅛ to ⅜ inch or more in width on each edge of the leaves, which adds greatly to its decorative effect. A limited stock of good young plants, in 4-inch pots, $1.00 each. Larger plants in 5-inch pots, $1.50 each; 6-inch pots, $2.50 each.
STIGMAPHYLLON CILIATUM
(Brazilian Golden, or Orchid Vine)
One of the prettiest tender climbers in cultivation, with large yellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air during the summer. 25 cts. each.

DOUBLE PEARL TUBEROSES
One of the most delightfully fragrant and beautiful of the summer flowering bulbs. For flowering in the open, plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10 cts. each. 75 cts. per doz.; $5.00 per 100.

MEXICAN EVERBLOOMING SINGLE TUBEROSES
This charming single pure white variety begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession. Delightfully fragrant. 10 cts. each; $1.00 per doz.; $6.00 per 100.

THUNBERGIA
Harrisii. A splendid winter-flowering greenhouse climber, with showy light-blue flowers with creamy-white throat. 50 cts. each.

VIBURNUM
Tinus. A pretty greenhouse shrub commonly known as Laurustinus, producing large trusses of white flowers early in the spring. 50 cts. each.

VINCA
Major Variegata (Variegated Periwinkle). One of the very best plants for vases, and for trailing over the edges of window boxes, etc. Leaves glossy-green, broadly margined creamy-white; blue flowers. Strong plants in 4-inch pots, 25 cts. each; $2.50 per doz.

ZEPHYRANTHES (Zephyr Flower or Fairy Lilies)
Beautiful dwarf, bulbous plant, very effective for masses or border, flowering with great profusion during the summer. They are also suitable for pot culture.
Alba. Pure white. 10 cts. each; $1.00 per doz.; $5.00 per 100.
Rosea. Large rose-colored. 20 cts. each; $2.00 per doz.

ZINNIAS (Youth and Old Age)
Dreer's Giant Double. An extra large flowering strain of this popular summer-flow-ering annual, growing about 3 feet high, with colossal flowers in a great variety of colors. Mixed colors, ready in May and June.
15 cts. each; $1.50 per oz.; $10.00 per 100.
DREER'S SELECT

Hardy Perennial Plants

A Hardy Perennial Border

Of all the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the Old-fashioned Hardy Garden Flowers, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Eupatoriums, Tritomas, etc.

Twenty-five years ago there were very few Hardy Perennial Borders, but to-day almost everyone who is fortunate enough to have even a small garden devotes at least a part of it to hardy plants.

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satisfactory returns the first season. This, as experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called “field clumps.” The majority of the stock offered in this catalogue is pot grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious.

We have prepared a leaflet on

THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER

showing plans and giving list of suitable plants for positions either in sun or shade. Copies free on request.

DREER'S COLLECTIONS OF HARDY PERENNIAL PLANTS

The list of Hardy Perennial Plants which we offer in our Garden Book is admitted to be the most complete and up-to-date collection in the country, and we are continually adding all the new, rare and desirable sorts.

While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds, we have had prepared by a competent landscape architect a series of Plans of Hardy Borders with a list of suitable plants for positions either in sun or shade. We will be pleased to send a leaflet containing same free on application. We also offer customers who are not acquainted with the different sorts the following collections, all in good, strong roots, which when once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn. These collections are made up of species and varieties strictly of our selection, and we are unable to submit list of contents, as the assortment varies at different periods during the planting season.

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<th>12 distinct species our selection</th>
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NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

(167)
ACANTHUS (Bear's Breech)

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide, either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian column is said to have been suggested by the leaf of this plant.

35 cts. each; $3.50 per doz.

ACONITUM (Monkshood or Helmet Flower)

Aconites form bushy clumps, and are invaluable for planting under trees or in shady or semi-shady positions.

Fischeri. A dwarf variety growing 18 inches high, with very large pale blue flowers in September and October.

Sparks' Variety. The darkest blue of all; 30 inches high; flowers in June.

35 cts. each; $3.50 per doz.; $25.00 per 100.

ACHILLEA

(Milfoil or Yarrow)

Millefolium Roseum (Rosy Milfoil). Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer.

Ptarmica Fl. Pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. (See cut.)

— Boule de Neige (Ball of Snow). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centres, which makes it appear purer in color.

Tomentosa (Woolley Yarrow). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Price. 25 cts. each; $2.50 per doz.; $18.00 per 100.

One each of the 4 varieties for $1.00.

AGROSTEMMA (Rose Campion)

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers, which are produced during June and July.

Coronaria (Mullein Pink). Bright rosy-crimson; 2½ to 3 feet.

—Alba. A pure white variety.

Flor Jovis (Flower of Jove). Deep pink flowers on 12-inch high stems.

25 cts. each; $2.50 per doz.; $15.00 per 100.

AJUGA (Bugle)

A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow.

Genevensis. Grows 6 to 8 inches high; dense spikes of blue flowers; May and June.

Raptsa rubra. Grows 3 to 4 inches high, with deep purplish blue flowers; May and June.

25 cts. each; $2.50 per doz.; $18.00 per 100.
ANEMONE JAPONICA (Japanese Windflower)

These beautiful Windflowers are among the most important hardy plants. While they begin blooming in August they are more especially valuable on account of their continuing in full beauty till cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hard if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.

Japonica Alba. Large, snowy-white; very chaste.
Japonica Rubra. Beautiful rosy-red; stamens bright yellow.
Queen Charlotte. Very large semi double flowers of La France pink, a color that is rare among hardy plants.
Whirlwind. Large, semi-double pure white flowers, very fine.

Price. Any of the above, 30 cts. each; $2.50 per doz.; $18.00 per 100.
Set of the 4 sorts for $1.00.

ANTHEMIS (Marguerite)

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil of bushy habit, growing about 15 inches high, and producing its large, golden-yellow daisy-like flowers continuously during the entire summer.
—Alba. Creamy-white flowers with yellow centre.
—Pallida. Light canary-yellow.
25 cts. each; $2.50 per doz.; $15.00 per 100.

ARABIS (Rock Cress)

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom. 25 cts. each; $2.50 per doz.; $15.00 per 100.

ANCHUSA ITALICA (The Improved Italian Alkanet or Buzloss)

The improved Alkanets justly take a front rank among early summer flowering perennials. The rich blue tones of their flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period, which covers the months of May and June. They form much branched specimens 3 to 5 feet high, each branch terminated by a large, pyramidal, graceful spike of blue flowers, and while the habit of the plants are strong and vigorous they are not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border.

Opal. A splendid lustrous light blue.
35 cts. each; $3.50 per doz.; $20.00 per 100.

PLANS OF HARDY BORDERS

We have a leaflet showing several plans, together with list of suitable plants for positions in sun or shade. Copies free on request.

We can supply seeds of many of the Hardy Perennials. See Flower Seed Department, beginning page 51.
ARMEIRA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in fall. Very useful in the rockery as well as in the border.

Formosa Rosea. Soft light rose color.
Laucheana Rosea. Bright rose.
— Alba. White.

30 cts. each; $2.50 per doz.; $18.00 per 100.

ARTEMISIA LACTIFLORA
(Hawthorn-scented Mugwort)

Unlike the other varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems 3½ to 4½ feet high, clothed with elegantly cut dark-green foliage and terminated by panicles of Hawthorn-scented creamy white Spiraea-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. (See cut.) 30 cts. each; $2.50 per doz.; $18.00 per 100.

ARTEMISIA

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the new variety Lactiflora they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All the varieties offered stand cutting down to 6 or 8 inches when used in carpet or ribbon bedding.

Abrotanum (Old Man, or Southern-wood). Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Pedemontana. A handsome variety with finely cut silvery foliage.

Stelleriana (O'd Woman). Deeply cut silvery foliage; much used in carpet bedding, 18 inches.

26 cts. each; $2.50 per doz.; $15.00 per 100.

AQUILEGIAS, OR COLUMBINES

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Dreer’s Long-spurred Mixed Hybrids. This is the most admired type of Columbines. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike.

Dreer’s Long-spurred Pink Shades. A special selection of the greatly admired pink shades of this most popular type. 35 cts. each; $3.50 per doz.; $25.00 per 100.

Canadensis (Common American Columbine). The native bright red and yellow variety, and one of the brightest.

Chrysantha (Golden Columbine). Bright yellow long-spurred flowers.

Corulea (Rocky Mountain Columbine). Bright blue and white long-spurred flowers.

Flabellata Nana Alba. A dwarf growing, pure white.
Helene. Large blue flowers and wide expanded white corolla.

Nivea Grandiflora. A splendid robust growing large pure white.

Vulgaris (Common European Columbine). Violet-blue.

Price. Any of the above, except where noted, 30 cts. each; $2.50 per doz.; $18.00 per 100. One each of the 9 sorts for $2.00.

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ASCLEPIAS (Butterfly Weed)

Tuberosa. Very showy native plants, about 2½ feet high, producing their flowers of brilliant orange-scarlet during July and August. 25 cts. each; $2.50 per doz.; $15.00 per 100.

TWO NEW HARDY ASTERS

Maggie Perry. Very large flowers, frequently 2½ inches across, loosely arranged in large trusses, of a pleasing tone of soft mauve. One of the most distinct and striking novelties in this family, and probably the forerunner of a new type.

Perry's White. Undoubtedly the finest white Michaelmas Daisy yet introduced, perfect in habit of growth and remarkably free flowering. The stout stems of a bronzy-crimson color are well branched and covered with well shaped flowers 2½ inches across, with broad white petals and golden center; after full development this centre changes to a maroon-crimson, the flower then forcibly reminding one of a Cineraria.

Either of the above varieties, 50 cts. each; $1.00 per doz.

NEW JAPANESE HARDY ASTER

Mauve Cushion. An entirely distinct species which has attracted much attention in our grounds by its unique habit of growth, its great floriferousness and its lateness in flowering. It forms a circular cushion-like plant 2½ feet across, the centre of the plant rarely exceeding 9 inches in height, gradually tapering to 3 or 4 inches at the outside; the flowers, of delicate, soft mauve, with silvery white reflection, measure over 1½ inches in diameter, and are produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November. 35 cts. each; $3.50 per doz.

Fall-flowering Hardy Asters

( Michaelmas Daisies, or Starworts)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only.

Feltham Blue. A pretty aniline blue, very free; 2½ feet.

Glory of Colwall. Good sized, almost double, atramatum-blue flowers; 2½ feet.

Lavis floribunda. Light heliotrope; 4 feet.

Novae angliae. Bright violet-purple; 4 feet.

— Lil Fardell. Bright mauve; 4 feet.

— Roseus. Bright purplish-mauve; 4 feet.

Novi Belgii Cleopatra. Light heliotrope; 5 feet.

— The Queen. A splendid large bluish-white; 4 to 5 feet.

Novi Belgii Climax. One of the best and showiest, with large pyramidal spikes of large light lavender-blue flowers; very free; 5 feet.

Novi Belgii White Climax. A counterpart of above with white flowers; 5 feet.

Novi Belgii St. Egwin. A pleasing soft rosy-pink, very free flowering; 3 to 4 feet.

Robert Parker. Pale heliotrope; 4 feet.

Snowflakes. Very free, pure white; 18 inches.

Tataricus. Distinct large bluish-violet; very late; 6 feet.

Top Sawyer. Clear para-violet; 4 feet.

Price. Any of the above, 50 cts. each; $2.50 per doz.; $18.00 per 100. Set of 15 varieties for $5.00.

DWARF ALPINE ASTERS

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high, and bears large showy bluish-purple flowers in May and June.

— Albus. Identical to the above, but with pure white flowers.

Sub-coeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price. 35 cts. each; $2.50 per doz. Set of 3 sorts, 75 cts.

Hardy Perpetual-flowering Pinks are deservedly featured this season. See page 192.
ASTILBE

This type is the result of crossing A. Davidi with A. Japonica compacta, astilboïdes and Thunbergii. The plants are of very vigorous growth, producing many-branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. (See cut.)

Ceres. Delicate light rose-colored flowers with peculiar silvery sheen. 50 cts. each.

Juno. Strong plumes of deep violet-rose; 2½ feet. 50 cts. each.

Gruno. A splendid salmon-pink sort growing 4 feet high, 75 cts. each.

Moerheimi. Attains a height of 5 to 6 feet. The well-branched, erect spikes of flowers have a length of over 2 feet, and are of a beautiful creamy-white. 75 cts. each.

Rose Pearl. Pearl shell-pink; 2½ feet, 50 cts. each.

Salland. Grows over 6 feet high with flowers of a distinct red color, different from all others, 75 cts. each.

Vesta. Very graceful plumes of light lilac-rose; 3 feet. 50 cts. each.

BAPLITISIA (False Indigo)

Australis. A strong-growing plant, about 2 feet high; suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June. 25 cts. each; $2.50 per doz.

BELLIS PERENNIS

(English Daisy)

Improved double-flowering, white and pink. 20 cts. each; $2.00 per doz.; $15.00 per 100.

BOCCONIA

(Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. 25 cts. each; $2.50 per doz.; $18.00 per 100.

BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect.

Asteroides. Pure white; very effective; 5 to 7 feet.

Latissima. Pink, slightly tinged with lavender; 4 to 6 feet. 25 cts. each; $2.50 per doz.; $18.00 per 100.

CALLIRHOE

(Poppy Mallow)

Involucrata. An elegant trailing plant, with finely-divided foliage and large saucer-shaped flowers of bright, rosy-crimson, with white centres, which are produced all summer and fall. 25 cts. each; $2.50 per doz.; $18.00 per 100.

CALTHA (Marsh Marigold)

Palustris. Effective hardy perennials, of much value in marshy places and by the side of streams and ponds; grow about a foot high, with bright yellow single flowers in early spring. 30 cts. each; $2.50 per doz.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed supplied by a specialist in this popular flower. We supply strong plants that will furnish an abundance of flowers this season, 25 cts. each; $2.50 per doz.; $18.00 per 100.
CASSIA (American Senna)
A plant growing from three to four feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. 25 cts. each; $2.50 per doz.; $18.00 per 100.

CENTAUREA (Hardheads or Knapweed)
Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.
Dealbata. Distinct bright rose-colored flowers; July to September; 18 inches. Hirta nigra variegata (Variegated Button Weed). Variegated green and gold foliage, and during July and August purple flowers; 2 feet. Macrocephala. Large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 34 feet. Montana (Perennial Cornflower). Grows 2 feet high, bearing large violet blue flowers from July to September. 30 cts. each; $2.50 per doz. Set of 4 sorts, $1.00.

CEPHALARIA (Shellflower)
Glabra alba. Terminal spikes of creamy white flowers. 30 cts. each; $2.50 per doz.; $18.00 per 100.

CERASTIUM (Snow in Summer)
A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves; can also be used with good effect in carpet bedding. 25 cts. each; $2.50 per doz.; $18.00 per 100.

CHELONE (Shell Flower)
Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower heads during the summer and fall.
- Glabra alba. Terminal spikes of showy purplish-red flowers. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Campanulas, or Bellflowers
Indispensable, hardy garden flowers, of much variety of form, some being tall and imposing habit, while others are dwarf compact little plants, suitable for edging, rockwork, etc. They like a good, rich soil, and last much longer in bloom if planted in a half shady place. All of the taller growing kinds should be staked to prevent injury from high winds.

Carpathica (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.
- Alba. A pure white form of the above.
- Grosseki. Produces its dark blue flowers all summer; 2 feet.
- Latifolia Macrantha. Large purplish-blue flowers; May and June; 3 feet.
- Medium (Centerbury Bells). We offer this popular variety in mixed colors only.
- Persicifolia (Peach Bells). Blue flowers during June and July; 2 feet.
- Alba. A pure white form of the above.
- Punctata. Large, nodding bell-shaped flowers. White spotted purplish rose, very distinct.
- Pyramidalis (Chimney Bellflower). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like porcelain-blue flowers in August.
- Trachelium (Coventry Bells). Purple flowers; June and July; 3 feet.

Price. Any of the above, 30 cts. each; $2.50 per doz.; $18.00 per 100. Set of 10 varieties for $2.50.

CARYOPTERIS
Mastacanthus (Blue Spirae). A handsome Hardy Perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of the branches. A valuable plant either for bedding or pot culture, blooming continuously from early in September until cut by frost. 25 cts. each; $2.50 per doz.; $18.00 per 100.

See our offer of the gorgeous Oriental Poppies on page 193
DREER’S GARDEN
CHRYSANTHEMUMS

These are now universally popular for outdoor bedding, and considering their many good qualities, there is no cause for surprise to see them cultivated, so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it frequently happens that an armful of flowers can be cut late in November. They are reasonably hardy if planted in a well-drained position, with a covering of leaves or loose litter during the winter, or may be carried over with perfect safety in a cold frame.

The various collections offered below have been selected from hundreds of varieties that we have tested, and we believe represent the very best in their respective class and color.

NEW POMPON CHRYSANTHEMUMS

This set consists of introductions of the past few years, all of them showing some marked improvement over older varieties.

Anna L. Moran. One of the most striking, a brilliant flame-scarlet.

Curtis R. H. Cook. Early-flowering large button-shaped flowers of a clear, deep rose-color; a tall upright grower.

Mrs. Chester Robinson. A very strong grower; large deep rose flowers, held up by rigid spreading stems.

Mrs. Harrison Craig. Early flowering on dwarf compact plant; color yellow, overlaid with orange crimson; very attractive.


Mrs. Nellie Kleris. An improvement on Lilian Doty; the color is a deeper pink, and the flowers are more widely distributed on the stem.

Nellie Blake. An early-flowering red of aster form.

Pauline Wilcox. Of excellent strong upright habit, with flowers of a cheerful combination of red and gold.

Sidney Mitchell. An early orange-yellow button variety; very distinct and attractive.

White Midget. A very dainty small white button variety of excellent habit.

Price. Any of the above, 30 cts. each; $3.00 per doz.; $18.00 per 100. One each of the set of 10 varieties for $2.50.

Twelve Early-flowering Garden Chrysanthemums

A selection of early-flowering varieties embracing a full range of colors, which in the latitude of Philadelphia can be depended upon to perfect their flowers before October 15th.

A. Barham. A beautiful orange-bronze.

Debutante. A fine large pink.

Globe d’Or. Compact bushy habit, covered with large canary-yellow flowers.

Idolf. A pleasing shade of salmon-pink.

La Gironne. Unique and attractive rose and buff.

Marie Dupont. Large pure white, very free.

Mrs. H. Harrison. Very early medium-sized button, of a blush-pink, very freely produced.

Normandie. White, tinted blush-pink, the earliest of all.

October Gold. Beautiful deep orange.

Providence. Pale pink.

Tints of Gold. Very attractive golden bronze.

Uvnida. Large pure white.

Price. 20 cts. each; $5.00 per doz.; $12.00 per 100. The set of 12 varieties for $2.00.

Five Old-fashioned Large Flowered Chrysanthemums

A selection of five of the hardiest large-flowering Chrysanthemums, all of them varieties adapted for permanent planting in shrubbery and herbaceous borders.

Comolata. Yellow.

Lucifer. Ox-blood red.

Oconto. Pure white.

Mrs. Roberts. Deep rose-pink.

Price. 20 cts. each; $2.00 per doz.; $12.00 per 100. Set of 5 sorts for 85 cts.

STANDARD COLLECTION OF GARDEN CHRYSANTHEMUMS

Adirondack. A fine bronze.

Belfry. A large button wine color.

Cranford. A splendid yellow.

Edina. Aster-flowered rose-pink.

Excelsior. Bright yellow.

Iva. Very small, deep bronze button.


Juliana. Fine yellow aster-flowered.

Lilian Doty. Large tall-growing incurved pink.

Little Dot. Early small button mahogany crimson.

Mimico. Splendid pink globe-shaped flowers.

Miramar. Aster-flowered bronze.


Model of Perfection. Vigorous free-white button.

Mrs. F. H. Bergen. Blush-pink.

Nio. Small button, shell-pink shading to white.

Ouray. Aster-flowered, dark mahogany-brown.

Romaine Warren. Orange-yellow with bronze.

Rose Travena. Large, deep rose-button.

Soleil d’Or. A fine golden-yellow, aster-flowered.

Utah. Rose, shading to white, small aster-flowered.

Viola. Large button type, violet-purple.

Wanda. Large, pure white aster-type.

White Doty. Pure white, globular aster form.


Price. 20 cts. each; $2.00 per doz.; $12.00 per 100. 25 varieties for $3.50.
HARDY CHRYSANTHEMUMS (Shasta Daisy, etc.)

Arctium (The Arctic Daisy). Among fall-flowering perennials this is a perfect gem. It forms an attractive rosette-like clump of pretty dark green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to 2½ inches in diameter. These begin to develop during the last week in September, and continue in good condition throughout October, and frequently into November.

Shasta Daisy "Alaska." A decided improvement on the original; with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. (See cut.)

Price. Either of the above, 25 cts. each; $2.50 per doz.; $15.00 per 100.

CHRYSANTHEMUM MAXIMUM

Glory of Wayside (New Early-flowering Shasta Daisy). A giant Daisy blooming earlier than any other, coming into bloom in May with pure glistening white flowers, which are produced in great profusion on symmetrical compact plants from 12 to 15 inches high. 35 cts. each; $3.50 per doz.; $25.00 per 100.

CIMICIFUGA

(Snake Root)

Racemosa. A handsome native species bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border, or for naturalizing at the edge of the woods; 4 to 6 feet. 35 cts. each; $3.50 per doz.; $18.00 per 100.

Shrubby Clematis

Recta. Grows from 2 to 3 feet high, and produces fragrant pure white flowers in very large, showy clusters during June and July. 35 cts. each; $3.50 per doz.

Integrifolia Cerulea. A good border plant, growing from 18 to 24 inches high, producing its small but interesting porcelain-blue flowers from June to August. 50 cts. each.

COREOPSIS

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich golden yellow, of graceful form and invaluable for cutting; blooms during the entire summer and autumn.

Delphinifolia. Pale yellow flowers with dark centres from July to September; a good border plant; 1 to 3 feet.

Rosea. Finely divided, dark green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot.

25 cts. each; $2.50 per doz.; $15.00 per 100.

CONVALLARIA

(Lily of the Valley)

Majalis. This is often starved and neglected and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated, and if the bed is given a liberal top-dressing of well-decayed manure in fall or early spring it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 50 cts. each; $5.00 per doz.; $40.00 per 100.
DELPHINIUMS, or 
HARDY LARKSPURS

Mrs. Ely, author of "A Woman's Hardy Garden," says:
"Perennial Larkspur may be planted as soon as the spring
has opened. The ground should be well drained and carefully
prepared, but manure must not be allowed to come in contact
with the roots, or grubs are apt to destroy the plants. A little
finely ground bone meal dug around each plant early in May
will be of benefit, and in late autumn coal-ashes should be sifted
over the crowns of the plants to protect them from the white
grub, which is their only enemy. The stalks being very tender,
the plants should be staked off when they are about three feet high,
to protect them from heavy wind. Larkspur begins to bloom
about June 20th, and by cutting off the plants close to the
ground, as soon as each crop of flowers has faded, a second and
third crop of flowers will succeed. Each time the plants are
cut a little bone meal should be dug about them."

**Belladonna.** The freest and most continuous blooming of all,
ever being out of flower from the end of June until cut
down by hard frost. The clear turquoise-blue of its flowers
is not equalled for delicacy and beauty by any other flower.

**Bellamosum.** This is a dark blue form of the popular light
blue Belladonna, with which it is identical in habit of growth,
freedom of bloom and other good qualities, but with intensely
rich, deep blue flowers.

**Chinense.** A very pretty dwarf species, with fine feath-
ery foliage and intense gentian-blue flowers in open panicles.
— **Album.** A pure white form of the above.

**Formosum.** The old favorite dark blue
with white centre; 3 to 4 feet high. Very vigorous, and one of the best.

**Dreer's Gold Medal Hybrids.** Unquestionably the finest strain of mixed
hybrids offered. The original stock came from England, and consisted of the
best-named varieties. The plants are of strong, vigorous habit, with large flowers
on spikes two feet and over long, the majority running in the lighter shades of
blue. We can supply them in mixture only.

**Price.** Any of the above, 25 cts. each; $2.50 per doz.; $10.00 per 100. Set of
6 sorts, $1.25.

**DIANTHUS (Pinks)**

**Deltoides** (Maiden Pink). A charming creeping variety, with medium-sized
pink flowers in June and July; especially suited for the rock garden.
— Alba. A pretty white-flowered form.

**Latifolius atrooccineus Fl. Pl. (Ever-blooming Hybrid Sweet William).**
A beautiful summer bedding variety, producing masses of brilliant fiery crimson
double flowers throughout the entire season.

25 cts. each; $2.50 per doz.; $15.00 per 100.
See also Hardy Pinks, page 192, and Sweet William, page 194.

**DICTAMNUS** (Gas Plant)

**Fraxinella alba.** A very showy border perennial, forming a bush about 2½ feet
in height, having fragrant foliage and spikes of white flowers during June and
July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when
a match is applied to the stem directly under the head of the flowers. Requires
a heavy, strong soil, and an open, sunny position. It is not advisable to transplant
often, as they improve with age, it being one of the most permanent features
of the hardy herbaceous border. Instances are known where this plant has out-
ived father, son and grandson in the same spot. 35 cts. each; $3.50 per doz.;
$15.00 per 100.
**DIELYTRA, OR DICENTRA**

**Spectabilis** (Bleeding Heart, or Seal Flower).  
An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used largely for forcing, and is perfectly at home in any part of the hardy border, and especially valuable for planting in the shade.  
Strong clumps, 50 cts. each; $5.00 per doz.

**Formosa** (Plumy Bleeding Heart). A dwarfer-growing species, with finely-cut ornamental foliage, growing about 15 inches high and producing its showy pink flowers from April till August.  30 cts. each; $2.50 per doz.

**DIGITALIS** (Foxglove)  
The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flower stalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

**Gloxiniaeflora** (Gloxinia-flowered). A beautiful strain of finely-spotted varieties.  
We offer them in White, Purple, Rose or Mixed.

**Lamata**. A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray; the lip creamy-white.  
25 cts. each; $2.50 per doz.; $15.00 per 100.

**DORONICUM** (Leopard’s Bane)  
**Exsulcium.** Large orange-yellow flowers and one of the most effective very early spring flowering perennials. There are many who have only seen this as a single plant, here or there in a hardy border, and have no idea of the effect it has when planted in a mass. It is also a splendid flower for cutting, as it carries well and stands a long time in water, opening out morning after morning. They succeed everywhere.  50 cts. each; $5.00 per doz.

**ECHINOPS** (Globe Thistle)  
**Sphaerocephalus.** An interesting thistle-like plant with large globular heads of bluish-white attractive flowers.  3 feet.  30 cts. each; $2.50 per doz.

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**EPIMEDIUM** (Barrenwort, Bishop’s Hat)  
Dwarf-growing plants, 8 to 10 inches high, with leathery foliage and pankles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

**Musschianium Rubrum.** Rosy red.  **Sulphureum.** Sulphur yellow.  **Niveum.** Dwarf, early, pure white.  **Violacea.** Rich violet.  
30 cts. each; $2.50 per doz.; $18.00 per 100.  Set of 4 sorts, $1.00.

**ERYNGIUM** (Sea Holly)  
Handsome ornamental plants, growing from 2 to 3 feet high. The flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

**Amethystinum.** The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine blue.  
**Planum.** Steel-blue.  
35 cts. each; $3.50 per doz.

**EUPATORIUM**  
**Ageratoides** (Thoroughwort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting; August and September.

**Celestium.** A pretty hardy plant, with light blue flowers similar to the **Ageratum**; in flower from August until frost.  
18 to 24 inches.  
25 cts. each; $2.50 per doz.; $18.00 per 100.

**EUPHORBIA**  
**Corollata** (Flowering Spurge). A most showy and useful native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers, with a small green eye.

**Cyparissias**. Forms neat clumps with Cypress-like foliage, showy trusses of bright yellow flower-like bracts in May.  
25 cts. each; $2.50 per doz.; $18.00 per 100.

**Feverfew**  
**Maticaria.**  
**Little Gem.** A most useful border plant and valuable summer cut flower, with large double white flowers; June until October; 18 to 24 inches high.  
25 cts. each; $2.50 per doz.; $15.00 per 100.
**CHOICE HARDY FERNS**

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make it friable.

We give after each variety the average height of growth.

Adiantum Pedatum (*Hardy Maidenhair*). 8 to 12 in.
- *Marginale* (*Evergreen Wood Fern*). 12 to 24 in.
- *Goldianum* (*Shield Fern*). 24 to 36 in.
- *Spinulosum*. 12 to 15 in.

Asplenium Filix-femina *Victorica*. 12 to 15 in.
- *Multifidum*. 12 to 15 in.
- *Setigerum*. 15 to 18 in.
- *Cragi Laciniatum*. 15 to 18 in.
- *Olingianum Pictum*. 10 to 15 in.

Dicksonia *Punctilobula* (*Gossamer Fern*). 24 to 36 in.

Lastrea *Chrysoloba*. 12 in.
- *Filix-mas* (*Male Fern*). 18 to 24 in.

Osmunda *Struthiopteris* (*Ostrich Fern*). 24 to 36 in.

Osmunda *Claytonia* (*Flowering Fern*). 24 in. 50 cts. each.
- *Cinnamomea* (*Cinnamon Fern*). 24 in. 50 cts. each.
- *Regalis* (*Royal Fern*). 24 to 36 in. 50 cts. each.

Polystichum *Setosum*. 12 in.

Price. Any of the above, except where noted, 30 cts. each; $2.50 per doz.; $18.00 per 100. Set of 18 sorts for $4.00.

**GAILLARDIA**

*(Blanket Flower)*

*Grandiflora*. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June, they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark red-brown, while the petals are marked with rings of brilliant crimson, orange and vermilion, and often a combination of all in one flower; excellent for cutting. (See cut.) 25 cts. each; $2.50 per doz.; $15.00 per 100.

**GERANIUM** *(Crane’s Bill)*

*Platypetalum*. Large, rosy purple flowers in June; 1½ feet.

*Sanguineum*. A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

30 cts. each; $2.50 per doz.

**GEUM** *(Avens)*

Pretty border plants, growing about 15 inches high, and producing showy, bright-colored flowers from May to July.

*Atrococeum fl. pl.* Brilliant scarlet double flowers.

*Heidreichi*. Rich orange colored flowers; very free.

*Mrs. Bradshaw*. Large double brilliant scarlet; in flower throughout the entire summer.

30 cts. each; $2.50 per doz.; $18.00 per 100.

**GILENIA** *(Bowman's Root)*

*Trifoliate*. A strong growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers tinged with pink; July; 3 feet.

33 cts. each; $2.50 per doz.

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**RARE HARDY FERN**

*Aspidium Viridescens*. One of the most beautiful hardy Ferns in cultivation, producing large fronds 18 to 24 inches long and from 10 to 12 inches wide, gracefully recurving and of a deep grass-green color; the pinnae are crenated, giving the whole plant an airy light appearance, forcibly reminding one of the filmy ferns. 50 cts. each; $5.00 per doz.

**FUNKIA** *(Plantain Lily)*

The Plantain Lilies are among the easiest plants to manage; their broad massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

*Cerufa*. Blue, broad green leaves; June; 4 feet.

*Lanceolata*. Valuable by reason of its late flowering, lilac flowers in September; 2 feet.

*Subcordata Grandiflora*. Very large, pure white, lily-shaped, fragrant flowers in August and September; 2½ to 3 feet. 50 cts. each; $5.00 per doz.; $35.00 per 100.

*Undulata media picta*. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

Price, except where noted, 30 cts. each; $2.50 per doz.; $18.00 per 100. Set of 4 varieties for $1.25.
Hardy Ornamental Grasses

The ornamental grasses can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. In large, round beds, with ornamental Grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfer flowering plants near the margin.

**Arundo Donax Variegata (Great Reed).** Grows from 3 to 10 feet high, with heavy dark green foliage variegated with white, a most effective foliage plant either as a single specimen or massed with other grasses. 50 cts. each; $5.00 per doz.

**Elymus Glauces (Blue Lyre Grass).** A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 feet. 35 cts. each; $3.50 per doz.

**Eulalia Gracillima Univittata (Japen Rush).** Of graceful habit, with narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 35 cts. each; $3.50 per doz.

**Eulalia Japonica Variegata.** Very ornamental; long, narrow leaves, striped green, white and often pink or yellow. 35 cts. each; $3.50 per doz.

**Eulalia Japonica Zebrina (Zebra Grass).** The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 35 cts. each; $3.50 per doz.

**Pennisetum Japonicum (Hardy Fountain Grass).** This variety grows about 4 feet high, foliage narrow, of a bright green, while the cylindrical flower heads are tinged with bronze purple; one of the most valuable hardy grasses. 25 cts. each; $2.50 per doz.; $15.00 per 100.

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**Phalaris Arundinacea Variegata (Variegated Ribbon Grass or Gardener's Garters).** Large variegated foliage; an excellent grass for bordering large beds; 12 to 15 inches. 30 cts. each; $2.50 per doz.; $18.00 per 100.

**GYPSPHILA (Baby's Breath).** The Gyspiphilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.

**Cerastioides.** A fine variety for the rockery, growing but 3 inches high, and producing from June to August small white flowers marked with pink.

**Paniculata.** A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during July and August it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers.

**Repens.** An elegant trailing plant for the rockery, with clouds of small white flowers in July and August.

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**HELENIUM (Sneeze Wort).** All of these are desirable border plants, succeeding in any soil in a sunny location, with broad spreading heads of flowers, useful for cutting, each species covering a long-blooming season.

**Autumnale Rubrum.** Robust growing; 3 to 4 feet high, with bright terra-cotta red flowers in August and September.

**Autumnale Superbun.** Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

**Hoopesi.** Pure orange-yellow flowers, 2½ inches across, and the earliest to flower, coming in early in June and continuing throughout the summer; 2 feet.

**Riverton Beauty.** Rich lemon-yellow, with large purplish black cone; August and September; 4 feet.

**Riverton Gem.** Old gold, changing to wall-flower red; August and September; 2½ feet.

**Price.** 30 cts. each; $2.50 per doz.; $18.00 per 100. One each of the 5 varieties, $1.25.
**HELIANTHUS** (Hardy Sunflowers)

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

**Giganteus.** One of our native varieties, with medium sized bright golden-yellow flowers in September and October; 6 feet.

**Maximillana.** The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

**Mollis.** Large, single lemon-yellow flowers with downy white foliage; blooms in August and September; 4 feet.

**Multiflorus Fl. Pl.** (Double Hardy Sunflower). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

**Orygialis.** A tall variety, 6 feet high, with medium sized single golden-yellow flowers during September.

**Rigidus Japonicus.** One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

**Woolley Dod.** The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

**Price.** Any of the above, 25 cts. each; $2.50 per doz.; $18.00 per 100.

One each of the 7 sorts for $1.50.

**HELIANTHEMUM** (Rock, or Sun Rose)

Exceedingly pretty low growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry sunny bank. Choice mixed varieties, 35 cts. each; $3.50 per doz.

**HELIOPSIS** (Orange Sunflower)

Similar in general habit to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

**Pitcheriana.** A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.

**Scabra Excelsa.** Rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high, and from mid-July to the end of August makes an effective display. (See cut.)

25 cts. each; $2.50 per doz.; $18.00 per 100.

**HEUCHERA** (Alum Root, or Coral Bells)

Most desirable dwarf, compact bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

**Sanguinea.** A very free-flowering coral-red.

**Virginal.** Creamy-white.

35 cts. each; $2.50 per doz.; $18.00 per 100.
HEMEROCAILLIS (Yellow Day Lily)

Popular hardy plants belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze-yellow.

Flava (Yellow Day Lily). The best known variety; very fragrant deep lemon-yellow flowers in June and July; height, 2 1/2 to 3 feet.

Fulva (Tawny Day Lily). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a neutral orange color with darker shadings; June and July.

Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzy-gold; 2 1/2 feet high; May and June.

Kwanso, Fl. Pl. Large double orange flowers with darker shadings; July and August; 4 to 5 feet.

Lutcola (Golden Day Lily). Bright golden-yellow with Indian-yellow shadings; June and July.

Thunbergii. The latest to flower; rich buttercup-yellow, funnel shaped flowers throughout July; 4 feet.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $15.00 per 100.

Set of 7 varieties, $1.50.

DREER'S SUPERB HOLLYHOCKS

See offer on page 182

IBERIS (Hardy Candytuft)

Sempervirens. Most desirable dwarf plants (8 to 10 inches), with evergreen foliage, which is completely hidden with dense heads of pure white flowers early in the spring. 25 cts. each; $2.50 per doz.; $15.00 per 100.

HIBISCUS (Mallow)

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 3 to 5 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors.

Moschutos (Swamp Rose Mallow). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.

"Crimson Eye." Flowers of immense size; of the purest white, with a large spot of deep velvety crimson in the centre.

25 cts. each; $2.50 per doz.; $15.00 per 100.

HYPERICUM (St. John's Wort)

Moseraeanum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so none of their beauty is lost. It is marvelously free-flowering, of large size, measuring from 2 to 2 1/2 inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season; 2 feet. 30 cts. each; $2.50 per doz.; $18.00 per 100.
DREER'S SUPERB HOLLYHOCKS

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts as under.

**Double White**

**Double Rose**

**Double Yellow**

**Double Maroon**

**Double Red**

**Double Mixed**

**Newport Pink.** A charming variety, for which we were awarded a certificate of merit by the Royal Horticultural Society of England. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants.

**Allegheny.** Mammoth flowers, wonderfully formed of loosely arranged fringed petals. The colors vary from the palest shrimp-pink to deep red. Mixed colors only.

**Single.** Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply in mixed colors only.

**Price.** Any of the above, 30 cts. each; $2.50 per doz.; $18.00 per 100.

DREER'S IMPERIAL JAPANESE IRIS (Iris Kaempferi)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Peonies. Coming into flower about the middle of June, and continuing for five or six weeks, they fill in a period when flowers of this attractive type are particularly welcome.

They succeed in almost any soil and position, but like rich soil and plenty of water when they are forming their buds and developing their flowers.

**Price.** Any of the above, 35 cts. each; $3.50 per doz.; $25.00 per 100. Set of 12 sorts for $3.50.

Japanese Iris in Mixture

20 cts. each; $2.00 per doz.; $15.00 per 100.
Superb New Iris Germanica

A splendid collection of the latest introductions, embracing not only new colors, but improved forms.

King of Iris. A striking novelty, with flowers of perfect form, the standards clear lemon color, falls deep satiny-brown, with a broad border of golden-yellow.

Lohengrin. Foliage and flowers of gigantic size, with petals 2 inches wide, of a deep violet-mauve.

Loreley. Perfect-shaped flowers, falls of a deep ultramarine blue, more or less veined with creamy-white and bordered sulphur-yellow, making a beautiful contrast.

Mithras. Flowers of good size, standards pale yellow, falls violet, shaded with clarlet and yellow border.

Nibelungen. Standards fawn yellow, falls violet-blue, with fawn margin; distinct and pretty.

Princess Victoria Louise. Standards pure sulphur-yellow, falls rich plum color, with cream colored edges.

Rhein Nixe. Standards pure white, falls deep violet-blue with white margin; attains a height of 3 feet.

Price. Any of the above, 50 cts. each; $5.00 per doz. Set of the 7 sorts, a fine collection, $3.00.

Two Great Iris Germanica

In Golden Yellow and Royal Purple

Golden Yellow (Sherwin-Wright). In this grand novelty we have what has long been wanted, a good vigorous growing, free-flowering, golden yellow Iris Germanica, the few yellow sorts now in commerce being deficient in these important characteristics. The plants grow about two feet high; the flowers, which are produced in lavish profusion, are of splendid texture and stand well above the foliage, and are of a rich golden yellow without markings or shadings. (See cut.)

Royal Purple (Atropurpurea). A splendid, large very free-flowering, pure, rich royal purple, without the slightest shadings, a splendid companion to plant with Sherwin-Wright, the rich purple of Atropurpurea with the golden yellow of Sherwin-Wright forming a beautiful color combination.

Price. Either of the above, 50 cts. each; $5.00 per doz.; $35.00 per 100.

GENERAL COLLECTION OF DREER'S RAINBOW IRIS GERMANICA

The Iris Germanica are among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Cherion. Standards lilac-mauve; falls violet-mauve.

Florentina Alba. Very free-flowering white.

Honorablis. Standards golden-yellow; falls rich mahogany-brown.

Johan de Witt. Standards bluish-violet; falls deep violet-purple, veined with white.

La Tendresse. Ageratum-blue throughout; very pretty.

Mme. Chereau. Standards and falls pure white; daintily edged with light blue.

Mrs. H. Darwin. Standards white, falls reticulated violet.

Palliada Dalmatica. One of the finest of the Germanica type, of strong vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers; standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing. 30 cts. each; $3.00 per doz.

Palliada Mandraliscæ. Rich lavender-purple, large and handsome; very early. 30 cts. each; $3.00 per doz.

Plivata. Standards and falls bright violet-purple.

Plumeri. Standards rose-mauve, with metallic sheen; falls vinous-mauve.

Shakespeare. Standards straw-yellow; veined with burnt umber; falls deep carmine-violet.

Price. Any of the above except where noted, 20 cts. each; $2.00 per doz.; $12.00 per 100.

Set of 12 varieties for $2.00.

IRIS GERMANICA MIXED VARIETIES

15 cts. each; $1.50 per doz.; $10.00 per 100.
IRIS INTERREGNA

An interesting type, flowering earlier than the Iris Germanica. The flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf, and maintains its freshness throughout the season. The flower stems are about 18 inches high, holding the flowers well above the foliage.

Helge. Light citron, with pearl colored centre.
Walhalla. Standards light lavender-blue, falls satiny violet-blue.

30 cts. each; $2.50 per doz. Set of 3 varieties for 75 cts.

VARIOUS IRIS

We offer below some of the very finest species and varieties,

--- Cyanea. Rich royal purple with black’s shading
--- Excelsa. A splendid pale lemon-yellow.
--- The Bride. A large, showy, pure white. 30 cts. each; $3.00 per doz. One each of 3 sorts for 75 cts.
Pseudacorus. The common yellow Water Flag, suitable for marshes and water courses. May and June. 4 feet. 25 cts. each; $2.50 per doz.; $15.00 per 100.
Sibirica Orientalis. Rich, violet-blue; very free and one of the best. June, 3 feet. 25 cts. each; $2.50 per doz.; $15.00 per 100.
--- Snow Queen. A variety of great merit; forms an attractive plant; flowers snowy white. 25 cts. each; $2.50 per doz.; $15.00 per 100.

LAVANDULA (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 25 cts. each; $2.50 per doz.; 18.00 per 100.

LIATRIS (Blazing Star, or Gay Feather)
Pycnostachya. Showy and attractive native plants, succeeding anywhere, producing large spikes of light rose-purple flowers in July and August; 5 feet. Illustrated on page 185. 25 cts. each; $3.50 per doz.; $15.00 per 100.

LILIUM (Lily)

All herbaceous borders should have a few Lilies scattered through them. The sorts offered below can be planted with excellent results during the early spring months. It is in the hardy border that Lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare; other varieties should be planted in the autumn, and are offered in our autumn catalogue.

Auratum (Golden-banded Japan Lily). Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots, and striped through the centre a golden yellow; 8 to 5 feet. July September. Extra large flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Regale (Miyriophyllum). This new variety from Western China is admittedly one of the most beautiful Garden Lilies yet introduced. It grows 3 to 5 feet high, and blooms out of doors in July. It is perfectly hardy, and flourishes under very varied conditions, the large trumpet shaped, delicately scented flowers, which are produced freely, are ivory white, shaded pink, tinged with canary yellow at the base of the petals. Strong flowering bulbs, $1.00 each; $10.00 per doz.

Speciosum Album. The Speciosum or Lanceolatum are the most important of all the Japanese Lilies, always satisfactory. The variety here offered has large white flowers of great substance, with a greenish band running through the centre of each petal. Extra large flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Speciosum Rubrum, or Roseum. A very popular variety. Rosy-white, heavily spotted with rich crimson spots. Extra large flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Speciosum Magnificum. Magnificent large flowers of rich deep red. Extra large flowering bulbs, 50 cts. each; $5.00 per doz.; $35.00 per 100.

Tigrimum Splendens (Improved Tiger Lily). Bright orange-red, spotted with black; very showy; 4 to 5 feet; summer. 20 cts. each; $2.00 per doz.; $15.00 per 100.
--- Fiore Plena (Double Tiger Lily). Orange red, spotted with black; double showy flowers. 20 cts. each; $2.00 per doz.; $15.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.
LYCHNIS (Campion, Lamp Flower, etc.)

All of the Lychnis are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants.

**Chalcedonica (Jerusalem Cross).** A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high.

**Chalcedonica alba.** A white-flowered form of above.

**Flavum.** Brilliant orange-scarlet flowers in May and June; 12 inches.

**Viscaria, Double Red.** Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

**Price.** 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 4 varieties for $1.00.

LYSIMACHIA

**Ciliata (Fringed Loose-strife).** Yellow flowers in July. 2 feet.

**Clethroides (Loose-strife).** A fine hardy variety about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September.

**Fortunel.** A neat variety, growing about 18 inches high, with dense, upright spikes of white flowers in August.

**Nummularia (Creeping Jenny, or Moneywort).** Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet. 20 cts. each; $2.00 per doz.; $12.00 per 100.

**Price, except where noted,** 25 cts. each; $2.50 per doz.; $18.00 per 100.

LYTHRUM

**Roseum Superbum (Rose Loose-strife).** A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 30 cts. each; $2.50 per doz.; $18.00 per 100.

MERTENSIA (Blue Bells)

**Virginica.** An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 25 cts. each; $2.50 per doz.

Plans of Hardy Borders

We have prepared a leaflet showing several plans of Hardy Borders with list of plants to fill same in positions either in sun or shade. Copies free on request.

LINUM (Flax)

**Flavum.** A pretty plant for the rockery or front of hardy border, producing an abundance of yellow flowers in July. 12 to 18 inches.

**Perenne.** A desirable plant for the border or rockery, growing 1½ feet high, with light graceful foliage and large blue flowers all summer. 25 cts. each; $2.50 per doz.; $15.00 per 100.

LOBELIAS

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

**Cardinalis (Cardinal Flower).** Rich, fiery cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long.

**Syphilitica Hybrida (Great Lobelia).** A choice selection of our native Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet. 25 cts. each; $2.50 per doz.; $15.00 per 100.

LUPINUS POLYPHYLLUS (Lupine)

Effective plants, producing large spikes of flowers; blooming in May and June. They require only well-prepared garden soil and to be kept watered in dry weather. 3 feet.

**Polyphyllus.** Clear blue

- **Albus.** A white variety of above.
- **Rosea.** A combination of light and dark shades of pink. 50 cts. each; $5.00 per 30.
**MONARDA** (Bergamot)

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

**Didyma Cambridge Scarlet** (Ossego Tea). Brilliant crimson-scarlet.

**Rosea** (Bee Balm). A pretty rose-colored form.

**Violacea.** Bright amaranth red.

**Fistulosa Alba** (Wild Bergamot). A white-flowered variety.

25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 4 sorts 85 cts.

**MONTBRETIAS**

One of the brightest of our summer-flowering bulbs, and should be set out during April or May. They should be protected during the winter with a heavy covering of leaves or litter.

**Fire King.** Rich glowing crimson scarlet.

**George Davison.** A strong growing variety, with large orange-yellow flowers.

**Golden West.** Beautiful, large well-expanded flowers of pure golden-yellow.

**Hereward.** Pure yellow, reverse of petals orange; large flowers.

**Prometheus.** Large, rich orange marked with deep red at centre.

**Transcendent.** Yellow with red markings; very free.

**Price.** Strong dormant bulbs, 15 cts. each; $1.50 per doz.; $10.00 per 100. Set of 6 varieties, 75 cts.

**MYOSOTIS** (Forget-Me-Not)

**Palustris Semperflorens.** A variety that is hardly ever out of flower; useful in a shady spot in the border. 20 cts. each; $2.00 per doz.; $15.00 per 100.

**NIEREMBERGIA** (Cup-flower)

**Rivularis.** A charming dwarf creeping Alpine plant, bearing large creamy-white, cup-shaped flowers from June till September; most desirable plants for the rockery, and succeed equally well in the border. 30 cts. each; $2.50 per doz.; $18.00 per 100.

**ŒNOTHERA** (Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, either in the border or on the rockery, blooming the greater part of the summer.

**Missouriensis.** Large yellow flowers, often 5 inches in diameter, produced freely from June till August.

**Speciosa.** Pure white flowers 3 inches across; 18 inches. 30 cts. each; $2.50 per doz.; $15.00 per 100.

**PAPAYER OR POPPY**

We offer a splendid collection of Oriental and Iceland Poppies. See page 193.

**PACHYANDRA**

**Terminalis.** A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 25 cts. each; $2.00 per doz.; $15.00 per 100; $120.00 per 1000.

**PHYSALIS** (Chinese Lantern Plant)

**Franchetti.** An ornamental variety of the Winter Cherry, forming dense bushes, about 2 feet high, producing freely its bright orange scarlet lantern-like fruits; highly interesting. 25 cts. each; $2.50 per doz.

**New Perpetual Flowering Hardy Pinks**

We show these in colors, and describe and offer them on page 192.
Dreer’s Fragrant Peonies

The wonderfully improved Peonies introduced in recent years are truly the “Queen of Spring Flowers,” and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with two inches of soil.

TWELVE FINEST HERBACEOUS PEONIES

Albert Crousse. Delicate sea-shell pink of most perfect form; a perfectly double ball. $1.00 each; $10.00 per doz.

Edulis Superba. Deep rose-pink with lighter shadings. The earliest variety in our collection. $1.00 each; $10.00 per doz.

Festiva Maxima. This is considered the finest white. $1.00 each; $10.00 per doz.

Floral Treasure. An extra choice variety with very large flowers, of a pleasing showy pale lilac-rose. $1.00 each; $10.00 per doz.

Golden Harvest. Peach-blossom pink with creamy-white centre. $1.00 each; $10.00 per doz.

L’Indispensable. Immense flowers of a delicate lilac-pink shading deeper towards the centre; late flowering. $1.00 each; $10.00 per doz.

La Tulipe. Very large globular, flesh-pink, shading to ivory-white, centre petals tipped carmine. $1.00 each; $10.00 per doz.

Price. Strong roots, except where noted, 75 cts. each.

CHOICE STANDARD DOUBLE HERBACEOUS PEONIES

Berlioz. Large compact flower; light carmine-rose; tipped silver. $1.00 each; $10.00 per doz.

Canari. Pure white guard petals with amber white centre. $1.00 each; $10.00 per doz.

Charlemagne. Lilac-white with a slight blush centre. $1.00 each; $10.00 per doz.

Duchesse de Nemours. Large sulphur white; early and fragrant. $1.00 each; $10.00 per doz.

Duchesse de Orleans. Very free flowering mid-season variety of a medium pink color. $1.00 each; $10.00 per doz.

Grandiflora Rosea. Light salmon rose, centre petals lighter, shaded salmon. $1.00 each; $10.00 per doz.

Price. Strong roots, 50 cts. each; $5.00 per doz.; $35.00 per 100. Double Herbaceous Peonies in Mixture. $35.00 per 100. One each of the 12 varieties for $5.00. 20 cts. each; $2.00 per doz.; $15.00 per 100.

JAPANESE SINGLE PEONIES

No other plant can vie with the Single Peony for beauty, and a bed, when in full bloom with the large silky flowers, is simply gorgeous.

We offer a mixture of choice pink-flowering varieties for 30 cts. each; $3.00 per doz.; $18.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.
PHYSOSTEGIA (False Dragon-Head)
One of the most beautiful of our midsummer flowering perennials, forming
dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flow-
ers not unlike e a gregic hretr. (See c)
Virgínica. Bright but soft pink.
— alba. Pure white; very fine.
  25 cts. each; $2.50 per doz.; $18.00 per 100.

PHLOX SUBULATA (Moss, or Mountain Pink)
An early spring-flowering type, with pretty moss-like evergreen foliage,
which, during the flowering season, is hidden under the masses of bloom.
An excellent plant for the rockery, or the border, and invaluable for car-
peting the ground or covering graves.
Lilacina. Light lilac.
  25 cts. each; $2.50 per doz.; $15.00 per 100.

VARIOUS PHLOXES
Amena. A useful variety for carpeting the ground, the rockery, or the
border; it grows but 4 inches high, and in spring is a sheet of rich
brigh pink flowers.  25 cts. each; $2.50 per doz.; $15.00 per 100.
Arendsi Amanda. A cross between Divaricata Canadensis and one of
the Decussata varieties of vigorous branching habit, growing about 12
inches high, producing delicate lilac flowers with deeper cente from
May to July.  35 cts. each; $3.50 per doz.

DIVARICATA CANADENSIS
One of our native species which is worthy of ex-
tensive planting, commencing
to bloom early in April,
and continuing through May,
with large fragrant lavender
flowers on stems 10 inches
high.  25 cts. each; $2.50
per doz.; $15.00 per 100.

PENTSTEMON (Beard Tongue)
Most useful showy perennials, either for the border or rockery. With the
exception of "Sensation," which requires protection, they are perfectly
hardy.
Gloxinioídes "Sensation." A beautiful strain, bearing spikes of large
Gloxinia-like flowers in a great variety of bright colors, including rose, cherry,
crimson, purple, lilac, etc. The plants grow 2 feet high, and bloom from
early summer till frost.
Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet;
June to August.
Digitalis. Large spikes of long, purple-white flowers with purple throats.
during June and July; 2 to 3 feet.
Heterophyllus. Large azure-blue flowers during July and August.
Pubescens. Bright rosy-purple; July and August; 1½ feet.
Smallii. Rosy-carmine flowers in early summer; 1 foot.
  30 cts. each; $2.50 per doz.; $18.00 per 100.
One each of the 7 sorts, including Coral Gem, for $1.75.
Dreer's Superb Hardy Phlox

Among hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position; and flowering through a long season; and while they will continue in good condition and flower freely for many years without attention, yet they respond quickly to and are improved by liberal cultivation.

Albion. Pure white, with a faint red eye.
Baccanale. Tyrian-rose, with a crimson carmine eye.
Beacon. Brilliant cherry-red.
Champs Elysees. A bright rosy-magenta; very effective.
Crepuscule. White with delicate mauve suffusion and rosy-purple eye.
Eclair. Brilliant rosy-magenta, with lighter halo.
Europa. A white variety, with a decided crimson-carmine eye. Individual flowers and trusses very large.
Henry Murger. White, with crimson-carmine centre.
Jeanne d'Arc. A good late flowering pure white.
La Vague. Pure mauve, with aniline red eye.
Mrs. Jenkins. The best all around pure white.
Pantheon. Bright carmine-rose; very effective.
Prof. Virchow. Bright carmine, overlaid with orange-scarlet.
Rheinlander. A most beautiful salmon-pink, with flowers and trusses of immense size.
R. P. Struthers. Bright rosy-carmine, with claret-red eye.
Sunshine. Aniline red, with crimson eye and white halo.
Thor. A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow. A light, almost white halo surrounds the aniline red eye.
Von Lassburg. Purest white, individual flowers very large.
Widar. Light, reddish violet, with a very large white centre, which intensifies and illuminates the color.

Price. Any of the above, 25 cts. each; $2.50 per doz.; $15.00 per 100. One each of the 20 varieties, $1.00.

Early Flowering Hardy Phlox

Miss Lingard. This grand white variety is one of the most popular sorts grown; it grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October. 25 cts. each; $2.50 per doz.; $18.00 per 100.

HARDY GARDEN PINKS

We offer a splendid collection of these fragrant favorites, and show the new Perpetual Flowering class in colors. See page 192.

PLUMBAGO (Lead Wort)

Larpente. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall months. 25 cts. each; $2.50 per doz.; $15.00 per 100.

POLEMONIUM (Jacob's Ladder)

Reptans. Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely-cut foliage, and spikes of showy blue flowers in May and June. 30 cts. each; $2.50 per doz.; $18.00 per 100.

POLYGONUM (Knot-weapon)

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.
Brunonis. A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

Price. 25 cts. each; $2.50 per doz.

PLANS OF HARDY BORDERS

We have prepared a leaflet on the making and care of a Hardy Border, also showing several plans of Hardy Borders with list of plants to fill same in positions either in sun or shade. Copies free on request.
PULMONARIA (Lungwort, Bethlehem Sage)

Angustifolia Azurea (Blue Cowslip, or Lungwort). The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian-blue flowers; very desirable. 30 cts. each; $2.50 per doz.

PYRETHRUM HYBRIDUM

This grand old-fashioned Hardy Perennial is easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years, and if given an annual top dressing of well-rotted manure flower generously. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished, they will give a fair sprinkling of flowers during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times.

Single-flowering. The plants which we offer embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in mixed colors only. 30 cts. each; $2.50 per doz.; $18.00 per 100.

PYRETHRUM

ULIGINOSUM (Giant Daisy)

Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 25 cts. each; $2.50 per doz.; $18.00 per 100.

Gorgeous Oriental Poppies

We illustrate these in colors and describe and offer them on page 193.

POTENTILLA (Cinquefoil)

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Formosa. Single rosy-red.
William Rollison. Mahogany suffused orange; double.

30 cts. each; $2.50 per doz.

PRIMULA VERIS (English Cowslip)

These are one of the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil in the border or in a sheltered nook in the rockery; if possible, in a half shady place. We offer plants grown from a select strain of seed, embracing a fine range of colors. 25 cts. each; $2.50 per doz.; $15.00 per 100.
RUDBECKIA (Cone-Flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

"Golden Glow." A well-known popular plant, a strong robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlias-like flowers from July to September.

Maxima. A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September.

Newmani. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida "Autumn Sun." An attractive single-flowering variety, growing 5 to 6 feet high, with long, broad petals of bright primrose-yellow; August to October.

Purpurea (Giant Purple Cone-Flower). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

Subamentos. A pyramidal densely branched plant, 2½ feet high, which is completely enveloped in a mass of brilliant lemon-yellow flowers with dark purple centres in summer.

Price. 25 cts. each; $2.50 per doz.; $18.00 per 100. Set of 6 sorts for $1.25.

RANUNCULUS

(Crow-Foot, Buttercup)

Acris Fl. Pl. A double-flowered form of our common Buttercup; 2 feet. May and June.

Repens Fl. Pl. (Bachelor's Buttons). A pretty double-flowering bright golden yellow Buttercup. Bears masses of flowers during May and June.

25 cts. each; $2.50 per doz.

ROSMARINUS

(Rosemary)

Officinalis. An old favorite aromatic herb of neat habit of growth; requires protection. 25 cts. each; $2.50 per doz.

SALVIA

(Meadow Sage)

Azurea. Grows 3 to 4 feet high, producing August and September pretty sky-blue flowers in the greatest profusion.

Greggi. Makes a shapely, bushy plant about 2 feet high, and from July to late October bears masses of rich and luminous brilliant Carmine flowers; requires protection in winter.

Greggi Alba. A pretty white flowered form, which makes a good companion to the red flowered type.

Pitcheri. Similar to Azurea, but of more branching habit and larger flowers of a rich gentian blue color; 3 to 4 feet.

30 cts. each; $2.50 per doz.; $18.00 per 100.

Set of the 4 varieties, $1.00.

SANTOLINA (Lavender Cotton)

Chamaecyparissus Incana. A dwarf evergreen perennial with attractive, silvery-white foliage; useful as a rock or border plant, and largely used for carpet bedding. 20 cts. each; $2.09 per doz.; $12.00 per 100.

SAXIFRAGA (Megasce)

These will thrive in any kind of soil and in any position; grow about 1 foot high and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty rose-pink flowers, which appear very early in the spring, make them doubly effective. We offer six choice varieties. 30 cts. each; $2.50 per doz.; $18.00 per 100.
New Perpetual Flowering Hardy Pinks

(Dianthus Allwoodii)
Illustrated in colors on the plate opposite.

This is a most important addition to our list of perennial plants. They are perfectly hardy and flower continuously from early spring until late in the autumn; the flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove-scented.

**Albert.** Delicate pale mauve, with a deeper lacing at base of petals.

**Harold.** A splendid large double pure white of very symmetrical form and great substance.

**Jean.** Pure white with a deep violet-crimson centre, a distinct handsome flower.

We offer good thrifty young plants of the above at 35 cents each; $3.50 per doz.; $25.00 per 100; or one each of the 4 varieties shown on the colored plate opposite for $1.25; or one each of the complete set of six varieties for $1.75.

**HARDY GARDEN PINKS**

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting. 1 foot.

**Delicata.** Soft, delicate rose-pink.

**Elsie.** Bright rose with maroon centre.

**Excelsior.** Light rose-pink with deeper shadings.

**Gertrude.** Deep rose color.

**Mary.** Pale rose-pink with light maroon centre.

**Phylis.** Delicate pale pink with light maroon centre; very strongly scented.

**Robert.** A delicate shade of old rose with light maroon centre; very free.

Price. 25 cents each; $2.50 per doz.; $15.00 per 100. Set of 8 sorts, $1.65.

**MIXED HARDY GARDEN PINKS**

We offer a fine lot of seedlings grown from a very select strain, which should produce a good percentage of double flowers. Those that come single are very pretty, and are preferred by some to the full, double sorts. 20 cents each; $2.00 per doz.; $12.00 per 100.

**SCABIOSA**

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

**Caucasica** *(Blue Bonnet).* A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 24 inches high until September. 50 cents each; $3.00 per doz.

**Japonica.** Lavender-blue flowers, from July to September; 2 feet. 50 cents each; $3.50 per doz.; $18.00 per 100.

**Sedum** *(Stone-crop)*

**DWARF VARIETIES**

Suitable for the rockery, carpet-bedding, covering of graves, etc.

**Acre** *(Golden Moss).* Much used for covering graves; foliage green; flowers bright yellow.

**Album.** Green foliage, white flowers.

**Sexangulare.** Very dark green foliage; yellow flowers.

**Sieboldii.** Round, succulent, glaucous foliage; bright pink flowers in August and September.

**Stolonifera.** One of the most desirable; flat succulent leaves; flowers purplish-pink; July and August; 6 inches.

**Spurium Coccinum.** A beautiful rosy-crimson-flowered form; July and August; 6 inches.

25 cents each; $2.50 per doz.; $15.00 per 100. Set of 6 sorts, $1.25.

**Sedum Erect Growing Varieties**

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

**Maximum Atropurpureum.** Interesting on account of its dark brassy-purple foliage; 15 inches.

**Spectabile.** One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of handsome showy rose-colored flowers; indispensable as a late fall-blooming plant.

— "Brilliant." A rich colored form of the preceding, being a bright amaranth-red.

Price. 30 cents each; $2.50 per doz.; $18.00 per 100. Set of 3 varieties, 75 cents.

**PLANS OF HARDY BORDERS**

We have a leaflet showing several plans, together with list of suitable plants for positions in sun or shade. Copies free on request.
New Perpetual-flowering HARDY PINKS
(Dianthus Allwoodii)

Robert
Jean
Harold
Mary
Jean

Dianthus

Allwobci44_
Three Oriental Poppies

Perry's White

Mrs. Perry

Soliath

Three Gorgeous Oriental Poppies
Gorgeous Oriental Poppies (Papaver Orientale)

These are the regal representatives of this popular genus, growing 3 to 4 feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom renders them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or early spring before the first of May—give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall, and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure.

Gerald Perry. Apricot-pink, conspicuously blotched crimson. 50 cts. each; $5.00 per doz.

Goliath. Fiery scarlet, with deep blotch at the base of each petal. 35 cts. each; $3.50 per doz.

We will supply one each of the three varieties shown on the color plate opposite for $1.00, or one each of the collection of five sorts described above for $1.75.

Choice Mixed Oriental Poppies. Grown from a select strain. 25 cts. each; $2.50 per doz.; $15.00 per 100.

ICELAND POPPIES (Papaver Nudicaule)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in three colors, viz., white, yellow and orange-scarlet, or in mixture. 30 cts. each; $2.50 per doz.; $18.00 per 100.

SENECIO (Groundsel)

Pulcher. Forms a neat tuft of foliage, from which spring up from July to October, a succession of 2-feet high stems, with clusters of brilliant rose-purple flowers, of good size. 50 cts. each.

SILENE (Catchfly)

Schafta (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October. 25 cts. each; $2.50 per doz.; $15.00 per 100.

SILPHIUM (Cup Plant)

Perfoliatum. A stately perennial, also known as the Compass Plant, on account of the leaves being arranged at right angles to the stem; grows 5 to 7 feet high, with large single yellow sunflower-like blooms from July to September. 30 cts. each; $2.50 per doz.

SISYRINCHIUM (Satin Lily or Blue-eyed Grass)

Bermudanum. A pretty early spring and fall-flowering plant with blue flowers and grass-like foliage. 25 cts. each; $2.50 per doz.

SPIREA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat attractive foliage; succeed best in a half shaded location in rich, moist soil.

Filipendula (Dropwort). Numerous corymbs of white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

Filipendula flore plena. Identical to the above, excepting that the flowers are double.

Palmata Elegans (Meadow Sweet). One of the most useful hardy plants, grows about 3 feet high, producing during June and July broad corymbs of pure white flowers with protruding pink anthers.

Umlaria, Fl. Pl. (Meadow Sweet). Grows about 3 feet high, and produces its double white flowers during June and July.

Price. 35 cts. each; $3.50 per doz.; $18.00 per 100. One each of the above 4 varieties, $1.25.

Collections of Hardy Perennials

We offer customers who are not acquainted with the different sorts collections all in good, strong roots, which when once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn. See page 167.
SOLIDAGO (Golden Rod)
The varieties offered below are the most desirable of our native Golden Rods.
Altissima. The giant of the family, attaining a height of 10 to 12 feet; the large heads of golden-yellow flowers reach perfection late in October.
Golden Wings. The finest of all; 5 feet high, with immense panicles of bright golden-yellow flowers from July to September.
Shorti. Golden-yellow flowers in July and August. 3 feet.
Virgaurea Compacta. Grows but 15 inches high; deep yellow flowers in August and September.
Price. 25 cts. each; $2.50 per doz.; $15.00 per 100. Set of 4 sorts, 85 cts.

STACHYS (Woundwort)
Betonica Grandiflora (Betony). Large flowers of purplish-rose; June and July; 15 inches. 25 cts. each; $2.50 per doz.

STATICE (Great Sea Lavender)
Latifolia. A most valuable plant either for the border or rockery with tufts of leathery leaves and immense candelabra-like heads, frequently 1½ feet high and 2 feet across, of purplish-blue minute flowers during July and August; these, if cut and dried, last in perfect condition for months. 25 cts. each; $2.50 per doz.; $15.00 per 100.

STENANTHUS (Mountain Feather Fleece)
Robustum. A rare perennial, with showy panicles of pure white, fleecy flowers in August and September on stems 4 to 5 feet high; requires a moist, semi-shady position. 35 cts. each; $3.50 per doz.

STOKESIA (Cornflower Aster)
A beautiful native plant growing 18 inches high, bearing freely from early in June until September its handsome lavender-blue and white cornflower-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size.
Cyanea. Bright lavender-blue.
— alba. A pretty pure white variety of above
25 cts. each; $2.50 per doz.; $15.00 per 100.

SWEET WILLIAM (Dianthus Barbatus)
(London Tufts)
A well-known attractive, free-flowering hardy perennial, producing in early summer a splendid effect in beds and borders, with their rich and varied flowers. We can supply the following, all grown from our own select strain of seeds.
Newport Pink. The prettiest color among Sweet Williams, a lovely salmon or watermelon pink.
Pure White. Very large individual flowers and trusses.
Scarlet Beauty. Rich deep scarlet; very effective.
Mixed. Containing all colors.
20 cts. each; $2.50 per doz.; $15.00 per 100.

THERMOPSIS
Caroliniana. A showy, tall growing plant, attaining a height of 3 to 4 feet, producing long spikes of yellow flowers in June and July. 25 cts. each; $2.50 per doz.
TRITOMA (Red-hot Poker, Flame Flower, or Torch Lily)

Pfitzeri (The Everblooming Flame Flower). The early free and continuous blooming qualities of this variety has made it one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such an elegant subject should become so popular. Succeeds in any ordinary garden soil, but responds quickly to liberal treatment; hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. (See cut.) 30 cts. each; $2.50 per doz.; $18.00 per 100.

TROLLIUS (Globe Flower)

Desirable free-flowering plants, producing their giant bright yellow, Buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeed admirably in the border in half-shady position in well drained preferably light soil.

Asiaticus flore coccineus. Very deep orange, of beautiful form. 50 cts. each; $5.00 per doz.

Europaeus. Large bright yellow flowers. 35 cts. each; $3.50 per doz.

TUNICA (Saxifraga). A pretty tufted plant with light pink flowers; produced all summer, useful either for the rockery or the border. 25 cts. each; $2.50 per doz.

THALICTRUM (Meadow Rue)

Very graceful, pretty flowered plants, with fine cut foliage; great favorites for planting in the hardy border.

Dipteroscarpum. Though introduced some years ago, this beautiful species is yet but little known. We consider it one of the real gems among hardy plants, not only for the garden but its dainty, graceful sprays of flowers, elegantly arranged on stems 4 feet high, are invaluable for cutting; the flowers are of charming shade of violet-mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. (See cut.)

We have prepared a large stock and offer strong plants. 50 cts. each; $5.00 per doz.

Glaucum. Fine cut glaucous foliage; bronz-yellow flowers in June; 2 feet. 30 cts. each; $2.50 per doz.

THYMUS (Thyme)

Serpillyum (White Mountain Thyme). A pretty subject for the rockery, forming dense mats of dark green foliage and clouds of white flowers.

— Coccineus (Scarlet Thyme). Dark green foliage and bright red flowers. 25 cts. each; $2.50 per doz.; $15.00 per 100.

TIARELLA (Foam Flower)

Purpurea major. An attractive variety, forming a neat, compact clump; the foliage unusually bright as it expands in the spring; bears long spikes of salmon-red flowers. 25 cts. each; $2.50 per doz.

TRADESCANTIA (Spider Wart)

Virginica. Produces a succession of blue flowers all summer; 2 feet.

— Alba. A white-flowered form. 25 cts. each; $2.50 per doz.

TRILLIUM (Wood Lily, or Wake Robin)

Grandiflorum. Excellent plants for shady positions in the hardy border, or in a sub-aquatic position. Large pure white flowers in early spring; 12 to 18 inches. 15 cts. each; $1.50 per doz.; $8.00 per 100.
VINCA (Periwinkle, or Trailing Myrtle)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 15 cts. each; $1.50 per doz.; $10.00 per 100; $80.00 per 1000.

Minor Aurea. A golden variegated variety in which the dark green foliage is distinctly edged and mottled with golden yellow; very pretty. 25 cts. each; $2.50 per doz.

VIOLAS, or TUFTED PANSIES (Viola Cornuta)

The improved forms of Viola Cornuta are rapidly growing in favor. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

Blue Perfection. Deep purplish blue.
Papilio. Violet, with dark eye; the most effective for massing.
White Perfection. A fine white.

15 cts. each; $1.50 per doz.; $10.00 per 100.

HARDY VIOLET

Double Russian. This is not suited for forcing under glass, but is perfectly hardy and a gem for the garden or hardy border, producing in early spring great masses of fine large, double, deep purple flowers of exquisite fragrance. 20 cts. each; $2.00 per doz.; $12.00 per 100.

WALLFLOWERS

The old fragrant favorite; mixed colors, including yellow, brown, etc. (See cut.) 30 cts. each; $2.50 per doz.

YUCCA (Adam’s Needle)

Filamentosa. Among hardy ornamental foliage and flowering plants, this can be classed at the head of the list. Its broad sword like foliage and 5 to 6 feet tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. 30 cts. each; $2.50 per doz.; $18.00 per 100.

COLLECTIONS OF PERENNIALS

These collections are made up of species and varieties strictly of our selection, and we are unable to submit list of contents, as the assortment varies at different periods during the planting season.

12 distinct species ........... $2.50 | 50 species and varieties .. $8.00
25 " " " 5 00 | 100 " " " 1000 

...
Dreer's Choice Hardy Shrubs

THE PLANTING AND CARE OF SHRUBS

SHRUBS are as much a part of the well balanced garden as the lawn or flower borders. Many of them are as decorative as any ornamental foliage plant, while others are highly useful as cut flowers, and a well-arranged planting presents an attractive appearance throughout the entire year.

Shrubs have many uses, such as a dividing line between the flower and the vegetable garden, or between the lawn and uncultivated land beyond; as a background to a flower border; for hiding an unsightly building, fence or foundation, or they may be planted in a mixed shrubbery border, in which case those of short, dense growth should be planted along the front of the border, graduating to the tall-growing kinds at the back.

Thorough preparation of the soil by spading, and the addition of a liberal quantity of sheep or stable manure or bone meal will be well repaid by strong, vigorous, healthy growth. All the attention necessary to such a border would be occasional cultivation to keep down weeds, and a little top dressing of manure or bone meal in the late fall to keep up the fertility of the border. In planting care should be taken not to overcrowd, allowing sufficient room for future development, and unless an immediate effect is wanted—in which case they may be planted closer and some of them moved when necessary—the majority of the dwarf growing kinds may be set about 3 feet apart, the tall, strong growers, about 5 feet apart.

Deciduous shrubs should be planted in spring as soon as frost is out and the ground in workable condition. This gives them a chance to make some root-growth before hot weather comes, and while it is quite possible to plant up until the beginning of May, they will not do as well as if planted earlier.

The question of when and how to prune shrubs is one that is frequently asked, and as no hard and fast rule can be given, we can only indicate in a general way what should be done.

All shrubs that blossom before midsummer, such as Deutzias, Forsythias, Lilacs, Philadelphus, Weigelas, etc., produce their flowers on the growth of wood made the previous year. To prune these in fall or spring would be to destroy most of the flowers for that season. These, therefore, should have any necessary pruning done immediately after flowering. Varieties which blossom after midsummer produce their blooms on wood made the same season. This class includes such kinds as Altheas, Hydrangeas, Tamarix, etc., and these should be pruned in early spring. In our judgment, shrubs are, as a rule, pruned too much, all the pruning, or rather trimming, that is necessary being just enough to keep the plant in nice symmetrical shape, care, of course, being taken to cut out all dead wood, and removing sufficient surplus growth, if any, to admit a free circulation of air and sunshine to all parts of the plant.

**Abelia Chinensis Grandiflora.** A choice small shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. 50 cts. each.

**Althea (Rose of Sharon).** The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blossoming, which is from August to October, a period when but few shrubs are in flower. They are also extensively used as hedge plants, for which they are admirably adapted. We offer the following choice sorts:

- **Alba Plena.** Double white, crimson centre.
- **Duchesse de Brabant.** Double dark red.
- **Folias Variegatis.** Leaves variegated green and white.
- **Lady Stanley.** Double blush white, with crimson centre.
- **Tutus Albus.** Fine, single, pure white.
- **William R. Smith.** A splendid giant-flowering variety, naturally forming symmetrical bushy specimens, while the glistening pure white flowers are of giant size, fully 4 inches in diameter under ordinary cultivation, open out flat or saucer-shaped quite different from the older types which only partially expand; these are produced in great profusion from early in July until late in September, and are very conspicuous at a period when comparatively few shrubs are in bloom. Strong young pot-grown plants, 50 cts. each.

We will supply all shrubs priced at 60 cts. each for $6.00 per doz.; $40.00 per 100

(197)
Callicarpa Purpurea. A splendid berried Shrub for the border or planted in clumps on the lawn; it grows about 3 feet high, its branches gracefully recurving; these are covered in August with tiny pink-tinted flowers, followed in late September by great masses of violet-purple berries, borne in clusters from the axil of every leaf, these remain on the plant until mid-winter. All fall berried plants are useful and attractive, and this is one of the most desirable. (See cut.) Strong plants, 60 cts. each.

Calluna (Scotch Heather). Very pretty small shrubs, growing from one to two feet high, producing their interesting flowers from July to September, well adapted to plant in the hardy border or any sunny position in the garden. We offer both the pink and white varieties as under.

—Vulgaris. Rosy pink.
—Alba. Pure white.

Strong plants of either, 75 cts. each.

Calycanthus Floridus (Sweet or Strawberry Shrub). An old favorite with double chocolate-colored strawberry-scented flowers in May. 60 cts. each.

Cercis Canadensis (Judas Tree, or Red Bud). A showy tall Shrub or small tree. All the branches and twigs are covered with a mass of small rosy-pink flowers early in the spring before the leaves appear. Plants, 4 to 5 feet high, $1.00 each.

Chionanthus Virginica (White Fringe). A tall growing native Shrub blooming profusely in June. The singular flowers resemble bunches of white silken fringe, hung gracefully among the foliage. Plants 2 to 3 feet high, $1.00 each.

Clethra alnifolia (White Alder, or Sweet Pepper Bush). One of the best of our native dwarf Shrubs, bearing spikes of pure white, deliciously fragrant flowers during July and August. 60 cts. each.

Azalea Ameno. This little gem is practically evergreen, and in late spring the plants are literally smothered with masses of rosy crimson flowers. We offer strong, bushy plants, 10 to 12 inches high, $1.00 each; $10.00 per doz.; $75.00 per 100.

—Hinodegiri. A Japanese variety, growing about 2½ feet high, and producing great masses of very bright, fiery-red, single flowers. Very desirable on account of its brilliant color. Strong, bushy plants, 12 inches high, $2.00 each; $20.00 per doz.; $150.00 per 100.

—Ledifolia Alba. A choice hardy variety, producing in late spring, large pure white flowers similar to the well-known Azalea Indica Alba. It is very free-flowering, and is valuable to plant in connection with high-colored Azaleas, or as an individual specimen. Strong, bushy plants, 12 to 15 inches high, $1.50 each; $15.00 per doz.

Baccharis Halimifolia (Groundsel Tree). A pretty, tall Shrub, which is especially attractive in the fall on account of its fluffy white seedpods. 50 cts. each.

Berberis Thunbergii (Japanese Barberry). A beautiful variety with small foliage, assuming the most varied tints of coloring in the autumn, and attractive scarlet berries, which remain on the plant the greater part of the winter; very desirable for grouping, particularly around the base of a porch or veranda to hide the foundation; succeeds in sun or shade, and is the best hedge plant we know. 50 cts. each; $5.00 per doz. Plants for hedges offered on page 202.

—Wilsonae. This pretty dwarf species is a comparatively recent introduction from Western China; it has glossy green leaves and long spines; in the fall the foliage takes on the most beautiful autumnal red tints. Good young 3-inch pot grown plants, 50 cts. each.

Buddleia Variabilis Veitchiana (Butterfly Shrub or Summer Lilac). One of the most desirable summer flowering shrubs, beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet mauve, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted, and is always admired. 30 cts. each; $3.00 per doz.

All prices include boxes, packing and delivery to transportation company in Philadelphia.
Corchorus or Kerrla Japonica Fl. Pl. (Globe-flower). A particularly valuable shrub on account of its clean, graceful habit of growth and its free and continuous flowering, producing its attractive double golden-yellow flowers continuously from June to October. 60 cts. each.

Cornus Alba Sibirica (Siberian Dogwood). A strong growing variety, crimson colored branches in winter. 60 cts. each.

— Florida (White-flowering Dogwood). An ornamental, spreading, irregularly shaped tree, producing large white flowers in spring and rich crimson foliage in autumn. Plants, 4 to 5 feet high, $1.00 each.

— Rubra (Red-flowering Dogwood). A rare variety, the flowers of which are rich rosy red. The two varieties make a fine contrast. Plants, 3 to 4 feet high, $1.50 each.

— Sanguinea (Red-twigged Dogwood). A strong growing bush, with crimson-colored branches; especially attractive in winter. 60 cts. each.

Cotoneaster. The Cotoneasters are desirable on account of their graceful habit of growth, neat evergreen foliage and attractive fruit. Being difficult to transplant in large field-grown plants we have prepared a thrifty lot of young pot-grown plants which should give satisfactory results.

— Franchetii. Of graceful erect habit with long arched branches with light green evergreen leaves and attractive orange-yellow berries; thrifty plants from 3-inch pots, 50 cts. each; $5.00 per doz.

— Horizontalis. Of dwarf trailing habit, a most valuable plant for the rockery or front of border, it is covered all winter with brilliant red berries which are set off nicely against the dark evergreen foliage. Thrifty plants from 3-inch pots, 50 cts. each.

Crataegus Oxyacantha fl. pl. (Double-flowering Hawthorn). The double form of the fragrant English Hawthorn; flowers in May and June. We offer double red, pink and white. Plants 3 to 4 feet high, $1.25 each.

Deutzias. Well-known profuse flowering Shrubs, blooming in spring or early summer. Succeed in any sunny position. The dwarf varieties are desirable for forcing under glass.

— Candidissima plena. A fine tall, double white, 60 cts. each.

Deutzia Crenata Magnifica. A most distinct new variety with exceptionally large corymbs of pure white flowers, produced in wonderful profusion, plant of symmetrical habit, growing from 3 to 4 feet high. 60 cts. each.

— rosea plena (Double-flowering Deutzia). Double white, tinged with pink; very desirable tall Shrub. 60 cts. each.

— Gracils. A favorite dwarf bush, covered with spikes of pure white flowers in early summer. 60 cts. each.

— Lemoinei. Without doubt one of the very best dwarf hardy Shrubs; flowers very large and produced in coneshaped heads of purest white, which open out very full. 60 cts. each.

— Pride of Rochester. A fine, tall growing double white flowering variety. 60 cts. each.

Elaegnus Longipes (Japanese Oleaster). A very desirable, nearly evergreen Shrub of medium height, with light foliage, which is silvered on the under surface. The abundant crop of orange-colored fruit is a very attractive feature during the summer. 60 cts. each.

Evonymus Europaeus (Burning Bush). A very conspicuous tall Shrub, which in the autumn and winter is loaded with scarlet seed pods, from which orange-colored berries hang on slender threads. 60 cts. each.

Exochorda Grandiflora (Pearl Bush). A medium-sized Shrub, bearing white flowers in slender racemes in early spring; very graceful; useful for cut flowers. 75 cts. each.

Forsythia Fortunel. Strong erect habit; bright golden-yellow flowers in early spring. 60 cts. each.

— Suspensa (Weeping Golden Bell). A tall shrub of willowy growth, the branches gracefully arching, covered with golden-yellow bells in early spring. 60 cts. each.

— Viridissima (Golden Bell). Strong erect habit; bright yellow bell-like flowers in early spring. 60 cts. each.

We will supply all Shrubs priced at 60 cts. each for $8.00 per doz.; $40.00 per 100
Hydrangea Arborescens Grandiflora (Snowball Hydrangea). This magnificent perfectly hardy American Shrub has snow white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring-blooming Shrubs, flowering from early June until late July, makes it valuable in any garden. Strong flowering plants, 75 cts. each.

— Paniculata Grandiflora. Without doubt the best known and most popular summer-flowering Shrub in cultivation. The flowers, which are borne in dense pyramidal panicles a foot long, in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. We offer the following sizes:

Fine bush plants, 75 cts. each.
Standard or tree shaped plants, which make beautiful specimens for the lawn or garden, $1.50 each.

Hypericum Patulum Henry. A new hardy St. John’s Wort of shrubby habit, growing from 2½ to 4 feet high, producing masses of large clear yellow flowers during July and August, and retaining its best foliage until late in the autumn. A most desirable Shrub. 50 cts. each.

Kalmia Latifolia (Mountain Laurel, or Calico Bush). Our native laurel; one of the most valuable evergreen Shrubs, bearing in May and June clusters of pinkish-white flowers of great beauty. Strong bushy shapely plants, 18 to 24 inches high, $1.50 each; $15.00 per doz.; $120.00 per 100.

Ligustrum Ibiota Regelianum. A handsome Japanese Privet, with spreading branches and dark green foliage, contrasting well with the fragrant racemes of white flowers in summer, a splendid shrub to grow as an isolated specimen or for an informal hedge. 60 cts. each.

— Lucidum. A very distinct Japanese species, growing 5 to 6 feet high, with large, leathery, dark green, glossy foliage, which is retained on the plant until very late in the winter. It forms an attractive symmetrical bush, particularly when planted as an isolated specimen. Good young pot-grown plants, 50 cts. each.

— Ovalifolium Aureum (Golden-leafed Privet). A beautiful golden variegated form and very effective for associating with other dwarf Shrubs. 60 cts. each.


Loniceras (Bush Honeysuckles).

— Ledebouri. A vigorous-growing Shrub with red flowers in May. 60 cts. each.

— Morrowi. A handsome Japanese variety, with white flowers during May, but especially valuable for its bright red fruit during the summer and autumn months. 60 cts. each.

— Nitida (Miniature Privet-leaved Honeysuckle). A unique dwarf shrub with miniature privet-like foliage, which is almost evergreen. The plant may be clipped similar to a boxwood, in fact with frequent clipping it may be used for a dwarf edging, 8 to 10 inches high. 30 cts. each.

— Pileata. Of the same general habit as Loniceris Nitida, but with slightly larger foliage, also a most desirable dwarf nearly evergreen shrub. 30 cts. each.

— Tatarica (Tartarian Honeysuckle). Pink flowers, contrasting beautifully with the foliage; blooms in June. 60 cts. each.

— Virginalis Alba. The white-flowered form of the Bush Honeysuckle. 60 cts. each.

Nandina Domestica (Chinese Bamboo). A very handsome small shrub, hardy as far north as Philadelphia, growing about three feet high, with graceful light green foliage, which turns to a most attractive bronzy red early in the autumn. The small white flowers are produced in good-sized erect panicles in spring, followed by bright crimson berries. Strong young plants, 50 cts. each.

Philadelphus Conquest. Large, single flowers in clusters of 3 to 5, completely covering the plant. 60 cts. each.

— Coronarius (Garland Mock Orange). This is the popular tall variety; very sweet and one of the first to flower. 60 cts. each.

— Grandiflorus. A large, white flowered robust grower. 60 cts. each.

— Nivalis. A splendid free flowering single white. 60 cts. each.

— The Banner. A hybrid variety of the Mock-Orange, forming a shapely shrub 3 to 4 feet high, with very large single flowers, one of the most desirable varieties. 60 cts. each.
Spiraea Arguta Multiflora. A handsome Shrub about 5 feet high, with masses of pure white flowers in early May. 60 cts. each.

— Billard. Strong-growing, pink-flowered. 60 cts. each.
— alba. A white-flowered form. 60 cts. each.
— Lindleyana. Of vigorous growth, bearing large panicles of white flowers in July; foliage resembles Sumach. 60 cts. each.
— Margarita. A free-flowering variety with flat heads of soft pink flowers from June to October; grows 3 to 4 feet high. 60 cts. each.
— Opulifolia aurea (Virginian Guelder Rose). An interesting variety of medium growth with golden-tinted foliage and large white flowers in June. 60 cts. each.
— Prunifolia (Bridal Wreath). A favorite variety and one of the best; it is a beautiful Shrub of medium size with double white flowers in May. 60 cts. each.
— Reevesi fl. pl. Of medium growth, with double white flowers in clusters in May. Very fine. 60 cts. each.
— Thunbergii. One of the most charming of all low-growing Shrubs, with fine delicate foliage, and a profusion of small white flowers in spring. 60 cts. each.
— Van Houttei. The grandest of all the white Spirias; it is of compact habit and a beautiful ornament for the lawn any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. (See cut.) 60 cts. each.

We will supply all Shrubs priced at 60 cts. each for $6.00 per doz.; $40.00 per 100
**Choice Hardy Shrubs**

**Viburnum Plicatum (Japan Snowball).** One of the choicest hardy Shrubs, with healthy dark foliage; the perfect balls of pure white flowers are borne in great profusion in May. $1.00 each.

**Opulus (High Bush Cranberry).** The white flowers in June are followed in autumn by bright scarlet berries, which are very attractive until very late in winter. 60cts. each.

**Opulus Sterilis (Snowball or Guelder Rose).** The popular white Snowball, filled with large pendent balls of white flowers in May. 60cts. each.

**Vitex Agnus Castus (Chaste Tree).** A graceful Shrub, growing from 5 to 6 feet high, with dense spikes 6 to 8 inches long, of lilac-colored flowers late in summer. 60cts. each.

**Macrophylla.** In general habit similar to V. Agnus Castus, but much stronger in all its parts, the foliage being larger while the trusses of lavender-blue flowers are fully double the size. It blooms from July to September, and is likely to become as popular as the Butterfly Shrub. Strong young pot-grown plants, 50cts. each.

**Weigelia Candida.** Fine pure white; flowers of large size. 60cts. each.

**Kosea.** Soft rosy carmine. 60cts. each.

**Eva Rathke.** The finest Weigelia in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine. 60cts. each.

### Hedge Plants

**Berberis Thunbergi (Japan Barberry).** Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart. Extra strong 3-year-old plants, 18 to 24 inches high, $5.00 each; $35.00 per 100.

**Boxwood Edging.** Bushy plants, 4 to 5 inches high, $1.50 per doz; $10.00 per 100; $90.00 per 1000.

**California Privet (Ligustrum Ovalifolium).** Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, etc.

<table>
<thead>
<tr>
<th>Size</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strong plants</td>
<td>$8.00</td>
<td>$60.00</td>
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<tr>
<td>Strong bushes</td>
<td>$10.00</td>
<td>$90.00</td>
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</tbody>
</table>

**Hedge Plants**

**Symphoricarpos Racemosus (Snowberry).** A well-known dwarf Shrub with small pink flowers and large white berries that hang on the plant the greater part of the winter. 60cts. each.

**Vulgaris (Red Fruited, or Indian Currant).** Similar to the above, but with bright red fruit. 60cts. each.

**Tamarix Africana (Tamarisk).** Strong, slender, tall-growing irregular Shrub, with feathery foliage and small, delicate flowers, borne profusely on gracefully-bending branches. These pink flowers are very attractive during May. 60cts. each.

**Hispidata Estivalis.** A distinct variety, with delicate, soft, pink sprays of flowers in July and August, a time when the shrubbery border is comparatively bare of flowers. 60cts. each.

**Indica.** Very strong-growing, with feathery plumes of pale pink flowers in late summer and autumn. 60cts. each.

**Tamarix Hispida Estivalis**

**Symphoricarpos (Snowberry)**

**Syringa, or Lilac, Common Purple (Syringa Vulgaris).** The old favorite, and one of the best. 60cts. each.

**Common White (S. Vulgaris alba).** Flowers white, fragrant, beautiful. 60cts. each.

**Charles X.** A strong, rapid-growing variety, with large, shining leaves and large trusses of reddish-purple flowers. $1.00 each.

**Joslak (Hungarian Lilac).** Valuable on account of flowering late in June, producing reddish-lilac flowers in great abundance; grows 10 to 12 feet high. $1.00 each.

**Mme. Casimir Perier.** The finest double-white Lilac yet introduced. The individual flowers, which resemble miniature Tuberoses, as well as the truss, are of immense size, deliciously scented; fine for cutting. (Illustrated on page 201.) $1.00 each.

**President Grey.** Magnificent panicles of large double purple flowers. $1.00 each.

**NOTE.—We will supply all Shrubs priced at 60cts. each for $6.00 per doz.; $4.00 per 100. Prices include packing and delivery to any transportation line in Philadelphia.**
Dreer’s Select Hardy Climbing Plants

All plants are forwarded on receipt of orders unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

**AKEBIA QUINATA** (Akebia Vine)

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 50 cts. each; $5.00 per doz.; $35.00 per 100.

**AMPELOPSIS ENGLEMANNI**

A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 50 cts. each; $5.00 per doz.; $35.00 per 100.

**AMPELOPSIS LOWI**

A splendid variation from the popular Boston or Japan Ivy, possessing all the merits of the parent, being perfectly hardy, clinging to the smoothest surface without support, and with much smaller foliage, which is deeply cut, giving it a grace and elegance entirely distinct from the old type. In spring and summer the leaves are a bright, fresh apple-green color, changing in the autumn to various brilliant tones of orange, crimson and scarlet. 50 cts. each; $5.00 per doz.

**AMPELOPSIS QUINQUEFOLIA**

(Virginia Creeper, or American Ivy)

This well known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 40 cts. each; $4.00 per doz.; $30.00 per 100.

**AMPELOPSIS VEITCHI**

(Boston Ivy, or Japan Ivy)

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. (See cut.) Two-year old plants, 35 cts. each; $3.50 per doz.; $25.00 per 100.

**ARISTOLOCHIA SIPHO**

(Dutchman’s Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, $1.00 each.
Clematis Montana Perfecta

Of stronger growth than any other Clematis, and succeeds under the most adverse conditions, and is perfectly hardy. Its flowers, which resemble the Anemone or Windflower, are snow-white, 1½ to 2 inches in diameter, and frequently begin to expand as early as the last week in April, continuing well through May, and are produced in such masses as to completely hide the plant. The best of the early spring-flowering climbers, of which there are but few. $1.00 each.

Large-flowering Clematis

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results. They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil.

**Price.** Either of the above, 75 cts. each; $7.50 per doz.

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**Clematis Paniculata**

(Japanese Virgin's Bower)

This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers, which appear in the greatest profusion in August and September, followed by silvery teasery seed pods, which make an attractive appearance until mid-winter. The plants succeed in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rock work sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. Strong plants, 50 cts each; $2.50 per doz.; $18.00 per 100.
EVONYMUS

The trailing Evonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the boxwood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as boxwood for an edging plant. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Radicans Variegata. A beautiful small-leaved green and white variegated form or the same habit as the type. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Radicans Vegeta. (Evergreen Bittersweet.) A strong growing variety, with larger leaves than the type, and producing bright orange-red berries, which remain on the plant the greater part of the winter. As an evergreen absolutely hardy wall cover this plant is unequalled. An enthusiastic horticultural writer predicts that it will become as popular for this purpose here as the Ivy is in England. 30 cts. each; $2.50 per doz.; $18.00 per 100.

Kewensis. A new variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground, and is one of the most valuable plants for under trees where grass will not grow. 30 cts. each; $2.50 per doz.; $18.00 per 100.

HOP VINES (Humulus Lupulus)

A useful climber. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 25 cts. each; $2.50 per doz.; $18.00 per 100.

New Chinese Honeysuckle Henryi

Introduced from China, where it has been found at an altitude of 6000 feet. It is hardy, and its foliage is almost evergreen. The flowers, which are produced in graceful panicles in early summer, are entirely distinct; a peculiar, bronzy-red color. Strong plants, 50 cts. each; $5.00 per doz.

HONEYSUCKLES (Woodbine)

Chinese Evergreen. Very fragrant, red, yellow and white variegated flowers; dark green foliage.

Halicana. Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely. Variegated. Foliage beautifully mottled yellow and green.

Price. Any of the above heavy plants, 35 cts. each; $3.50 per doz.; $25.00 per 100.

HARDY ENGLISH IVY

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, in 4-inch pots, 35 cts. each; $3.50 per doz.; $25.00 per 100. Extra large plants, in 7-inch pots, 6 feet high, $2.50 each.

Miniature-Leaved English Ivy

(Hedera helix gracilis)

Identical in habit with the English Ivy, but with dark-green foliage not over one-tenth as large, a most graceful vine; 4-inch pots, 50 cts. each, $5.00 per doz. We also have this variety in 4-inch pots, trained on flat, round and square wire trellises. $1.50 each.

HARDY JASMINES

Nudiflorum. Favorite climber for sheltered positions; hardy south of Philadelphia, fragrant yellow flowers.


Price. Either of the above, 35 cts. each; $3.50 per doz.

LATHYRUS (Hardy Everlasting Pea)

One of the best and most desirable flowering hardy climbing plants, attractive both in flowers and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Latifolius. Deep rose-red.

—Albus. Pure white. } 30 cts. each; $2.50 per doz.
LYCIUM BARBARUM (Matrimony Vine)
A very ornamental shrubby climber, which has appropriately been called "the general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 35 cts. each; $3.50 per doz.

POLYGONUM AUBERTI (Silver Lace Vine)
One of the most desirable flowering climbers, the plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers, and a well established plant during its long flowering period is a mass of bloom. Not only does it thrive in the Eastern and Middle States, but we have seen it in equally good condition in Oregon, Colorado and California, adapting itself to the most varied climatic conditions. Strong plants, $1.00 each.

PUERARIA THUNBERGIANA
(Kudzu Vine)
The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season. Its foliage is large and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; $2.50 per doz.

VITIS
Henryana. A recent introduction from China, with foliage similar to but not as large as the Virginia creeper, the leaves being of greater substance, and prettily variegated. The ground color is deep velvety green, the midrib and principal veins of silvery white. The variegation is most pronounced in the autumn, when the ground color changes to red. 50 cts. each; $5.00 per doz.

Humulifolia. (Turquoise-berry Vine.) One of the most desirable very hardy climbers, with glossy dark-green leaves, which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 35 cts. each; $3.50 per doz.

WISTARIAS
One of the best hardy climbers, producing their great trusses of flowers in abundance during the month of May with some scattering bloom in August and September. While they succeed in any kind of soil they should be liberally fed when first planted to give them a vigorous start.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

— Alba. Of similar habit to Sinensis, with pure white flowers.

Price, either of the above strong plants, $1.00 each.
WATER LILIES AND AQUATICS

We have prepared a leaflet giving complete directions for the cultivation of both hardy and tender Water Lilies, Aquarium Plants and other Aquatics. Copies free on request.

TROPICAL OR TENDER WATER LILIES

These are supplied after June 1st in strong, growing pot plants, and should not be planted out until after the weather has become settled and warm.

Place your order for these plants early, and we will reserve them until the proper planting season.

VICTORIAS, or ROYAL WATER LILIES

Victoria Trickeri. The hardiest and easiest variety to grow. Seeds, 3 for 75 cts.; plants, $7.50 each.

DAY-BLOOMING TENDER NYMPHÆAS

Daubenyana. Small, fragrant, light blue flowers, valuable for winter blooming in aquariums or small pools. $1.00 each.

Grossherzog Ernst Ludwig. A free-flowering variety of a true violet blue with a golden yellow centre. $2.50 each.

Mrs. C. W. Ward. Deep rosy pink on long stems. $2.00 each.

Ovalifolia. Flowers of large size, held well above the foliage, and of a deep creamy white; the base of each petal faintly suffused with blue, which gradually deepens until the tips of each petal are a decided corn-flower blue. $5.00 each.

Pennsylvania. An improved N. pulcherrima, flowers being larger in size and of a deeper, richer blue. $2.50 each.

Pulcherrima. This variety flowers continuously winter and summer. Of a fine light blue with yellow centre. $2.00 each.

Wm. Stone. Rich violet blue shaded amaranth. $2.00 each.

NIGHT-BLOOMING TENDER NYMPHÆAS

Bissetti. Flowers 8 to 10 inches in diameter, cup-shaped; of a beautiful glowing shade of rosy-pink. $2.00 each.

Deaniana. Flowers pure light pink. $1.50 each.

Zanzibariensis. The darkest blue or purple of the genus; very free flowering. $1.50 each.

Zanzibariensis azurea. Clear azure-blue. $1.00 each.

Zanzibariensis rosea. Various shades of rose. $1.00 each.

We have prepared a leaflet giving complete directions for the cultivation of both hardy and tender Water Lilies, Aquarium Plants and other Aquatics. Copies free on request.
HARDY NYMPHÆAS OR WATER LILIES

A select list of the most suitable varieties for all Hardy Garden purposes. There is no Hardy Blue Water Lily. All varieties of that color will be found under Day Blooming Tender Nymphæas.

Alba Candidissima. A very vigorous and desirable variety, requiring ample space; flowers large, pure white, sepals occasionally flushed with pink. $1.50 each.

Gladstoniana. Flowers pure dazzling white; cup-shaped and very massive; a robust grower. $1.50 each.

Laydekeri purpurata. Flowers rosy-crimson, darker in the centre, outer petals light rose. $2.00 each.

Marliacea Chromatella. Petals and stamens bright yellow, 4 to 6 inches across. A very strong, free and continuous bloomer. One of the best Water Lilies for cutting, which makes it a favorite. $2.00 each.

Marliacea Rosea. A splendid companion to the yellow variety Chromatella, which it resembles in all particulars except color, flowers being a soft rose-pink. $2.50 each.

Odorata. The native White Pond Lily. Very desirable for planting in quantity in natural ponds for effect and for cut flowers. All Water Lilies of this type are suitable for naturalizing. 50 cts. each.

Odorata Gigantea. The native White Lily of the southeastern United States. Flowers pure white, 5 to 7 inches across. A very strong, vigorous grower. 75 cts. each.

Odorata Minor. The miniature White Water Lily. Very dainty and suitable for tubs and small pools. 50 cts. each.

Odorata Sulphurea Grandiflora. The fragrant flowers are sulphur-yellow, 4 to 5 inches in diameter, and stand 3 to 4 inches out of the water. $1.50 each.

Odorata W. B. Shaw. This magnificent Lily has large fragrant flowers of a rich, clear, rose pink. $1.50 each.

Tuberosa. A native white variety of very strong growth, flowers from 4 to 9 inches across, produced in moderate quantity. The various varieties of Tuberosa are suitable for planting in deep water, and should have plenty of room to spread. 50 cts. each.

Tuberosa Maxima. A free-flowering variety of the above; 4 to 8 inches across, pure white, fragrant. 50 cts. each.

Tuberosa Richardsoni. This variety should be included in every collection. Flowers pure white and quite double. No variety in our Water Garden is admired by visitors more than this. The immense snowball-like flower, 8 inches in diameter, was declared to be the finest white Water Lily of all. $1.00 each.

Tuberosa rosea. Flowers an exquisite shade of pink. A vigorous grower, of the easiest culture. $1.00 each.

Wm. Falconer. Flowers of an intense bright garnet color, with a good ruby tone through it, intensified by the rich golden centre. $5.00 each.

NELUMBIUMS OR LOTUS

NOTE.— Nelumbiums can only be supplied in dormant tubers from May 1st to June 1st.

Album Grandiflorum. A grand white variety, whose purity, fragrance, size, majestic foliage and hardiness stamp it as one of the best. $3.00 each.

Luteum (American Lotus, Water Chinequepin). A superb variety with yellow flowers; indigenous in the Western and Southern States. It has been introduced into the Eastern States, where, as a rule, it grows as freely as any native plant. Dormant tubers. $2.00 each.

Pekiniensis rubrum plenum. Immense giant brilliant rosy-carmine double peony-flowered blooms. $5.00 each.

Roseum. Flowers uniform deep rose-pink, very free blooming. $3.00 each.

Speciosum (Egyptian Lotus). The best known variety and the easiest to grow, desirable for naturalizing in ponds where the magnificent foliage and superb flowers produce a splendid subtropical effect. Flowers 8 to 12 inches across, of a deep rose color, creamy-white at base of petals, exquisite for cutting. Dormant tubers. $2.00 each.

This page contains information on various Hard Water Lilies and Nelumbiums, including their names, descriptions, and pricing. It also mentions the availability of Nelumbiums or Lotus flowers for sale.
For marginal and shallow water planting.

**Acorus Japonicus Variegatus** (Variegated Sweet Flag). 25 cts. each.
**Cyperus Alternifolius** (Umbrella Plant). 25 cts. each; $2.50 per doz.

**Cyperus Papyrus** (Papyrus Antiquorum). The true Egyptian Paper Plant. 50 cts. each; specimen plants in 11 in. tubs, $2.50 each.

**Elkhornia Azurea.** Flowers a lovely shade of lavender-blue. This species of Water Hyacinth requires to be planted in soil in shallow water 4 to 8 inches deep. It makes long, trailing, floating stems, growing rapidly and flowering profusely all summer. Tender. 50 cts. each.

**Elkhornia crassipes Major** (Water Hyacinth). Flowers delicate lilacrose in trusses like a Hyacinth. 15 cts. each; $1.50 per doz.

**Jussiaca longifolia.** Flowers yellow in great profusion from June until frost. Grows 3 to 4 feet high. 50 cts. each.

**Limnanthemum Indicum** (Water Snowflake). Flowers white, each petal being fringed like a miniature Ostrich Feather. 50 cts. each.

**Limnocharis Humboldtii** (Water Poppy). Flowers yellow, produced in the greatest profusion all summer. Leaves and flowers floating. One of the best plants for shallow water 6 to 8 inches deep or for tub cultivation. Requires greenhouse protection during winter. 25 cts. each; $2.50 per doz.

**Myriophyllum proserpinacoide** (Parrot’s Feather). 25 cts. each.

**Pontederia cordata** (Pickerel Weed). Flowers blue in spikes 18 to 24 inches long. 25 cts. each.

**Sagittaria Japonica fl. pl.** Flowers double, pure white. 50 cts. each.

**Sagittaria Montevidensis** (Giant Arrowhead). 50 cts. each.

**Saururus cernuus** (Lizard’s Tail). Flowers white in long recurved spikes. Fragrant. 25 cts. each.

**Typha latifolia** (Cat Tail). 25 cts. each.

**Vallisneria Spiralis** (Tape, Eel Grass or Wild Celery). 25 cts. each; $2.50 per doz.

**Zizania Aquatica** (Wild Rice). 25 cts. each; $2.50 per doz.

**AQUATIC PLANTS FOR AQUARIUMS**

It is doubtful if anything is more fascinating to the young as well as to the older members of the household, than to watch the development of animal and plant life in the aquaria. Fish will not thrive unless enough plants are growing to furnish them with oxygen. To do this there should be not less than one plant to every two gallons of water. The ideal temperature is about 50 degrees, and a shady corner, or a window facing north, is best during the summer, and an east window during the winter.

**Anacharis Canadensis Gigantea** (Giant Water Weed).
A beautiful submerged plant with dark-green ovate leaves and light stems. 25 cts. each; $2.50 per doz.

**Cabomba Viridifolia** (Washington Grass). A pretty and popular submerged plant. 25 cts. per bunch; $2.50 per doz.

**Ludwiga Muleriti.** One of the prettiest of the submerged plants. The small oval leaves are green above and pink on the under side. 25 cts. each; $2.50 per doz.

**Sagittaria Natans.** Long strap-like green leaves resemble the well-known *Vallisneria*. 25 cts. each; $2.50 per doz.

**Sagittaria Sinensis** (Giant Sagittaria). Leaves dark green; broader than *S. Natans*. 25 cts. each; $2.50 per doz.

**Salvinia Braziliensis.** This pretty little floating aquatic is suitable for all aquaria. 25 cts. per bunch; $2.50 per doz.

**Vallisneria Spiralis Italian Type** (Eel Grass). A submerged plant with long ribbon-like leaves. 25 cts. each; $2.00 per doz.
While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

We do not handle fruit trees such as Apples, Pears, Cherries, etc.

BLACKBERRIES

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

El Dorado. One of the best, large, sweet and tender; very hardy.

Snyder. One of the oldest and still one of the most popular.

Price. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

CURRANTS AND GOOSEBERRIES

Fearing the introduction of the White Pine Blister Rust into their forests, a number of states prohibit the purchase of either Currants or Gooseberries from out-of-State nurseries, as there is a possibility of these two plants becoming affected and spreading the disease. We have, therefore, discontinued to handle them for the present.

SIX BEST HARDY GRAPES

Catawba. Red, sweet and rich, with pleasant musky flavor.

Concord. The most popular black grape; succeeds everywhere.

Moore's Diamond. Greenish white, with rich yellow tinge.

Moore's Early. Large, black; good quality.

Niagara. Berries large, light greenish-white; slightly ambered.

Pocklington. Bunch and berry large; golden-yellow.

Price. Strong selected two-year-old vines, 50 cts. each; $5.00 per doz.; $35.00 per 100.

RASPBERRIES

Raspberries will succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut just as soon as the crop has been gathered. This will give more vigor to the young canes for next year's bearing.

Cumberland. A large black cap of exceedingly fine quality.

Cuthbert. Large, deep, rich crimson.

Price. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.

NEW EVERBEARING RASPBERRY, RED RANIERE

This is not only the earliest raspberry, but it is a perpetual fruiting variety. Its main crop is greater than that of any other red variety, and continues to bear fruit on the old canes until late in August, at about which time the berries begin to ripen on the young canes of the current year's growth, which continue to bear fruits in increasing number until late in fall. The berries are bright crimson, of good size, excellent quality, of a rich sugary, full raspberry flavor. $1.00 per doz.; $7.00 per 100; $60.00 per 1000.
DREER'S COLLECTION OF
Six Luscious Strawberries

A selection of perfect flowering, well-tried standard sorts, which combine in the highest degree all the qualities looked for in high-grade berries, and no amateur will go wrong in limiting his plantings to the sorts here offered.

For best results strawberries should be planted before April 1st. Do not plant after the middle of April.

Brandywine. This is considered one of the finest mid-season to late-fruiting sorts. We do not know that it has a single defect. The fruit is extra large, heart shaped, color bright, rich red, and the flavor leaves nothing to be desired.

Campbell's Early. An extra early variety of great merit—a very vigorous grower, producing great crops of large, rich, red berries. Practically all the fruit grows to full-sized perfection, ripening perfectly. It has no superior for earliness and vigor.

Chesapeake. A most reliable late berry, which is giving perfect satisfaction, both in the home garden as well as with market growers, many of the latter using it for their main crop. It is not a variety that sets an immense quantity of fruit, but every blossom makes a well developed berry, and strictly fancy, of good color without any green tips and of highest quality. We recommend this for all soils and conditions.

Dr. Burrill. This early variety is highly praised by the experts because of its wonderful vigor. Having a very strong root system, it is not easily affected by drought, its foliage is extra heavy and substantial, making it almost immune from leaf diseases. The fruit is a deep glossy red, while the flesh is solid and rich. We have great faith in and recommend it.

Gandy's Prize. The standard late variety, which has held its own for many years. It is a strong healthy grower. The berries are borne on long, strong stalks, well above the ground.

Price. Any of the above varieties in strong layer plants, 30 cts. per doz.; $2.00 per 100; $15.00 per 1000. Or we will supply collection as follows:

Glen Mary. In the Middle and Northern States, where Glen Mary is at its best, probably no variety of strawberry will produce more quarts per acre. The berries are large, firm enough to ship, of handsome appearance and good quality. A strong grower and produces an abundance of foliage.

| 6 plants each of the 6 varieties | 36 in all for | $85 |
| 12 " " " 6 " | 72 " " | 1.60 |
| 25 " " " 6 " | 150 " " | 2.75 |

Autumn-Fruiting or Everbearing Strawberries

After careful trials we have selected the two varieties offered below as the most desirable. Under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October, or if the disbudding of part of the plants is discontinued late in June, an almost continuous crop of this luscious fruit may be secured throughout the growing season. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial, and the plants should not be allowed to suffer for lack of water at any time.

Peerless. A real fall-bearer—does not require disbudding, and produces fruit until killing frost in November, the fruit and blossoms being protected by very heavy foliage from all but severe frost. The berry is large to very large and wonderfully attractive.

Progressive. The most prolific fruiting, berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Price. Either of the Everbearing varieties, 35 cts. per doz.; $2.50 per 100; $15.00 per 1000.

Biggle's Berry Book. A valuable work on the subject. 50 cts. postpaid.

Strawberry Culture (Fuller). Contains all necessary information for their culture. 40 cts. postpaid.
Vegetable Plants, Roots and Herbs

Patriotic duty during the World War inspired many amateurs to plant a home garden, and while some of these were only a partial success, it was to many people the first real introduction of vegetables fresh from the garden to the table, and as a result home gardening continues to develop. With this in mind we give special attention to the production of the best varieties of vegetable plants and roots.

<table>
<thead>
<tr>
<th>Artichokes. Large Green Globe. Pot-grown plants ready in April and May.</th>
<th>Per doz.</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$1.50</td>
<td>$10.00</td>
<td>$100.00</td>
</tr>
</tbody>
</table>

Asparagus. We can supply any of the following splendid varieties in strong two-year-old roots, the proper size to plant.

- **Drer's Eclipse.** A grand green sort...
- **Argenteuil.** Famous French violet variety
- **Conover's Colossal.** Large and productive.
- **Palmetto.** Very early and desirable...
- **Pedigreed Washington.** New rust-resistant. For description see page 8.

Brussels Sprouts. **Drer's Matchless.** An extra fine strain ready in April, May and June.

Cabbage Early varieties ready in April and May:
- **Early Jersey Wakefield.** Conical heads
- **Early Summer.** Solid flat heads

Cabbage. Late varieties. These will be offered in our summer list.

Cauliflower. Ready in April and May:
- **Earliest Snowstorm.** Hot-bed plants...
- **Earliest Snowball.** Hot-bed plants...
- **Earliest Snowstorm.** Pot-grown plants...

Cabbage. Very early and productive...

Chives. Clumps...

Egg Plants. **Early Black Beauty.** Pot-grown plants ready in May and June...

Hop Vines. Pot-grown plants, 25 cts. each...

Horse Radish. **Moliner Kren or New Bohemian.** A variety that produces roots of enormous size, Sets...

Lavender. Pot-grown plants, 25 cts. each...

Lettuce. Ready April and May:
- **Drer's All Heart.** Reliable hard heading
- **Drer's Improved Hanson.** Fine heading variety for summer...

Mint. Pot-grown plants.

Peppermint. 20 cts. each...

Pepper. Pot-grown plants ready May and June:
- **Large Bell or Bullhorn.** Large and mild...
- **Peppermint.** The sweetest Pepper grown...
- **Ruby King.** A fine rich red sort...
- **Long Red Cayenne.** Hot and pungent...

 Parsley. **Drer's Dwarf Perfection.** Beautifully curled foliage, pot-grown plants, ready April to June...

<table>
<thead>
<tr>
<th>Stone. The leading sort for general use.</th>
<th>Per doz.</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stone. The leading sort for general use.</td>
<td>75.00</td>
<td>5.00</td>
<td>40.00</td>
</tr>
</tbody>
</table>

**Pot-grown Tomato Plant**

(Showing the Strong Root Development)
The "Dreer" Lawn Mower has no superior. The High Wheel machine is easiest running, has ten-inch drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although four blade machine does excellent work. The Low Wheel Machine is built on the same plan, but with four blades only. Grass catchers can be supplied for both machines when ordered.

The Dreer Lawn Mower is Guaranteed. We can furnish all repairs at short notice. (Send for special circular.)

<table>
<thead>
<tr>
<th>&quot;DREER&quot; HIGH WHEEL MOWER</th>
<th>With 4 Blades</th>
<th>With 5 Blades</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-inch cut ................ $21.00</td>
<td>$22.50</td>
<td></td>
</tr>
<tr>
<td>17 &quot; &quot; ........................ 24.00</td>
<td>25.50</td>
<td></td>
</tr>
<tr>
<td>19 &quot; &quot; ........................ 27.50</td>
<td>29.00</td>
<td></td>
</tr>
<tr>
<td>21 &quot; &quot; ........................ 31.50</td>
<td>33.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>&quot;DREER&quot; LOW WHEEL MOWER</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 inch cut, 4 blades, $13.50</td>
</tr>
<tr>
<td>14 &quot; &quot; ........................ 16.00</td>
</tr>
<tr>
<td>16 &quot; &quot; ........................ 19.00</td>
</tr>
<tr>
<td>18 &quot; &quot; ........................ 21.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GRASS CATCHERS FOR &quot;DREER'S&quot; MOWERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-inch (Low Wheel), $3.00</td>
</tr>
<tr>
<td>14 &quot; &quot; ........................ 3.25</td>
</tr>
<tr>
<td>16 &quot; &quot; ........................ 3.50</td>
</tr>
<tr>
<td>18 &quot; &quot; ........................ 3.75</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LAWN TRIMMERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pennsylvania Ball Bearing. For cutting around border and beds, and close to wall or fence, 6-inch cut. Price, $10.50.</td>
</tr>
<tr>
<td>Pennsylvania Undercut, 6-inch cut. Price, $12.00.</td>
</tr>
<tr>
<td>Coldwell, 8-inch cut, $10.00.</td>
</tr>
</tbody>
</table>

**HORSE LAWN MOWERS**

Coldwell. Probably the best known horse mower in the world. Price complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass.

| 4 blade, 30-inch, $110.00; 4 blade 40-inch, $140.00. |
| 4 " 35 inch, $123.00. |

For 6 blade Machines, add $15.00 to above prices. Pony Mower without shafts or seat, $125.00.

**Pennsylvania "Grand."** This machine, in addition to the good qualities of the Pennsylvania Standard Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high or intermediate cut.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride.

30 in. cut, 4 blades, $130; with shafts, seat and footboard, $155
38-in. " 4 . 165; " " " 190

**Pennsylvania Standard.** 30-inch cut, 4 blades, $115.00; with shaft and seat, $140.00.

Above prices are for 4 blade mowers; for 6 blade mowers add $25.00 to the price of each machine.

25-inch Pony Mower, 4 blades, $60.00.

**OILERS**

Steel, 50 cts.

**LAWN MOWER OIL**

1 qt., 50 cts.; ½ gal., 75 cts.; 1 gal., $1.25

**HORSE BOOTS**

Heavy leather, per set of 4, $18.00
TOOLS AND SUNDRIES

The prices in this Catalog are necessarily those in effect at the time it goes to press. We cannot guarantee them for an entire season. We will mail any articles that we can, provided postage is remitted with order.

Asparagus Bunchers. Philadelphia, $3.50; handy, $10.00

Bird Houses. We carry a complete line of Bird Houses, attractive and well to those who wish to provide homes for the birds for utilitarian purposes as to the bird lever. Send for Dreer's Bird Book. It illustrates our bird houses and gives also some general information regarding birds.

Carnation Supports. The model is the most satisfactory support on the market. Illustrated on page 202.

Carnation Staples. Wire, per 1000. 50


Dibbles. For transplanting plants, iron point, 60 cts.; brass point, 90.

Docks Extractors. Heavy, 4 ft. in length, 3.50. Light, 17 in. in length, 1.00.

Flower Pots. See page 292.

Forks. Hand spading. 50. Manure, D handle, $1.75; long handle, 1.50.

Fruit Pickers. Wire, without poles, 60. Metal, with bag, without pole, 75.

Fumigating Lamps. Metal, for vaporizing nicotine. 75.

Garden Lines. Italian hemp, 50 ft.; 75 cts.; 100 ft., 1.35.

Garden Reels. Black iron, small, 1.00. Galvanized iron, large, 3.00.

Garden Tool Sets. For women and children, Rake, Hoe and Shovel, 1.50.

Glass Cutters. Diamond, $5.50; steel wheel, 25 cts.; six wheels, 50.

Glazing Points. Peerless, made in three sizes: No. 1, for small single thickness glass; No. 2, for medium double thick glass; No. 3, for large double thick glass, per 1000, 60 cts.; postpaid, 75. Siebert's, 3/4-in. and 3/16-in. lb, 60.

Gloves. Used for gardening or pruning thorny plants. Buckskin, $3.00; horsehide, 3.00.

Grafting Tool. 9-in., 75 cts.; 10-in., 1.10.

Grafting Wax. 1 lb., $1.50; 1 lb, 40.

Grape Bags. Wired, protect grapes against insects and birds. Bags should be applied when grapes are the size of a pea, prior to which fruit should be sprayed against blight, per 100, 60 cts.; per 1000, 4.50.

Grape Hooks or Sicles. English, riveted back, No. 2, 90 cts.; No. 3, 95 cts.; No. 4, $1.00; solid, 70. Little Giant, 75 cts.; Dreer's, 60.


Hoes. Illustrated on page 215. Combined Hoe and Rake, Fig. 1, 4 teeth rake, 90 cts.; 6 teeth, 1.00. Garden, 1 point, Fig. 5, 60 cts.; 2 points, Fig. 7, 70. Grubbing, blade, 7x9-in., 1.50. Half Moon, Fig. 2, 3-in., 90 cts.; 4-in., 95 cts.; 5-in., 95 cts.; 6-in., $1.00; 7-in., $1.00; 8-in., 1.00. Potato, 4 tines, 1.25. Scuffle, Fig. 4, stamped steel, 5-in., 65 cts.; 6-in., 70 cts.; 7-in., 75 cts.; 9-in., 90 cts. Forked Steel, 5-90, 90 cts.; 6-in., 95 cts.; 9-in., 95 cts.; 8-in., $1.00; 9-in., 1.25. Square, Fig. 6, 6-in., 90 cts.; 7-in., 95 cts.; 8-in., $1.00; 14-in., celery, 2.00. Warren, Fig. 8, 7-in., $1.05; 7-in., 1.10. Baby Warren Hoe, short handle, 45-in. blade, 50.

Prices on Tools and Sundries subject to change without notice.
Hot Bed Mats. These mats keep severe cold out of the frames. The waterproof mats are preferred. Waterproof, 40 x 76 in., $3.50; 76 x 76 in. .......... $ 4 75 Non-waterproof, 40 x 76 in., $2.00; 76 x 76 in. .......... 3 00 Straw, 3 x 6 feet, $1.75; 6 x 6 feet .......... 3 50

Hot Bed Sash. Made of best quality cypress. 3 ft., 1 in. wide by 8 ft. long. Unglazed and unpainted .......... 3 00 Glazed and painted .......... 7 00 Double Glass Sash. These are made with a double layer of glass, with an airspace between. Glazed and painted .......... 12 00 Unglazed and unpainted .......... 5 00 Packing charge on all glazed sash, 50 cts. each.

House Seed Frame. 12 x 16 in., for raising your young plants. .......... 3 25

Knives. No. 4, pruning, coco handle, heavy, $1.20; medium .......... 1 00 Stag, heavy, $1.50; light .......... 1 25 Ebony, light or florists' knife .......... 1 00 No. 5. Two blades, pruning and budding, ebony .......... 1 75 Stag, heavy, $1.75; light .......... 1 50 Bone .......... 1 50 No. 6. Dreer's special budding knife .......... 1 50 Bone .......... 1 50 Imitation Stag .......... 1 25 No. 8. Propagating, ivory .......... 1 75 Bone .......... 1 50 Celluloid .......... 1 25

Labels. Wood, for pot and garden plants.

<table>
<thead>
<tr>
<th>Size</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in.</td>
<td>$0.25</td>
<td>$1.60</td>
</tr>
<tr>
<td>5 in.</td>
<td>35</td>
<td>2 00</td>
</tr>
<tr>
<td>6 in.</td>
<td>45</td>
<td>2 25</td>
</tr>
<tr>
<td>3/4 inch wood, copper wired, for trees, shrubs, etc.</td>
<td>per 100, 45 cts.; per 1000.</td>
<td>2 75</td>
</tr>
<tr>
<td>Copper, wired for trees, 3/4 in., per doz., 30 cts.; per 100.</td>
<td>1 75</td>
<td></td>
</tr>
<tr>
<td>Zinc, for trees, 1 x 4 in., per 100.</td>
<td>1 70</td>
<td></td>
</tr>
</tbody>
</table>

Simplex. Weatherproof. Writing is protected by a transparent cover, and will last indefinitely if done with lead pencil.

Plant Labels, copper wired

<table>
<thead>
<tr>
<th>Size</th>
<th>Per doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1, 3 x 1/4 inches</td>
<td>$0.35</td>
</tr>
<tr>
<td>No. 2, 4 x 1/4 &quot;</td>
<td>70</td>
</tr>
<tr>
<td>No. 3, 5 x 1 &quot;</td>
<td>1.10</td>
</tr>
</tbody>
</table>

Garden Labels, 18 inches long

| No. 10, card 23 x 14 inches, each. | 25 |
| No. 11, " 3 x 2 " | 30 |

Label Ink. Indissoluble for zinc labels, per bottle .......... 35

Label Pencils. Special black, each 10 cts.; dozen .......... 1 00

Leaf Mould. Per bushel, $1.25, per barrel .......... 3 00

Leaf Rack Attachment. Keystone, can be attached to any wheelbarrow having removable sides. Made of galvanized iron bolted to a wooden base. It can be easily taken apart, thus occupying little space when not in use. Price .......... 7 50

Mole Traps. Schroeter, $2.00; Reddick, $1.00; Out-o'-sight .......... 1 25

Moss. Sphagnum, for growing orchids and packing plants, bale .......... 3 50

Plant Stands. Iron

<table>
<thead>
<tr>
<th>Height</th>
<th>Black Galv.</th>
<th>Height</th>
<th>Black Galv.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 in.</td>
<td>$1.40</td>
<td>$1.75</td>
<td></td>
</tr>
<tr>
<td>18 in.</td>
<td>1.50</td>
<td>2.00</td>
<td></td>
</tr>
<tr>
<td>24 &quot;</td>
<td>1.75</td>
<td>2.25</td>
<td></td>
</tr>
</tbody>
</table>

Wire collapsible, with two shelves, $4.50; three shelves .......... 5 50

Peat. Jersey, bushel, $1.25; barrel .......... 3 00

Orchid, lb., 15 cts.; barrel bag .......... 3 00


Pot Hangers for 5, 6, 7 and 8 in. pots, each 7 cts.; dozen .......... 60

Potting Soil. Peck, 40 cts.; bushel, $1.25; barrel .......... 3.00

Raffia. This grass, being tough and pliable, is unsurpassed for tying plants. Natural color, per lb., 25 cts.; dyed green .......... 1 00

Raffia Tape. A very strong tying tape, Nile green per spool, 250 yds. .......... 1 00

Prices on Tools and Sundries subject to change without notice
ROLLERS

Water ballast. Is a very easy running roller, having roller bearings and counterpoise weights, which counterbalance weight of handle. The special feature of this roller is that it can be adjusted to any weight with water. Counterpoise, $4.00 extra; not included in following prices:

<table>
<thead>
<tr>
<th>No.</th>
<th>Dia.</th>
<th>Width</th>
<th>Empty</th>
<th>Filled</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1420</td>
<td>14-in.</td>
<td>20-in.</td>
<td>50 lbs.</td>
<td>150 lbs.</td>
<td>$18.00</td>
</tr>
<tr>
<td>1824</td>
<td>18-&quot;</td>
<td>23 &quot;</td>
<td>85 &quot;</td>
<td>300 &quot;</td>
<td>22.25</td>
</tr>
<tr>
<td>2424</td>
<td>23-&quot;</td>
<td>23 &quot;</td>
<td>110 &quot;</td>
<td>500 &quot;</td>
<td>25.75</td>
</tr>
</tbody>
</table>

Sand. For propagating, peck, 40 cts.; bush, $1.25

Saws. Pruning, 16-in., $1.75; 18-in., $1.85; 20-in., $1.95; 24-in., $2.25

Adjustable Pole Tree Saw, 18-in. blade, without pole, 1.75

Pole Tree Saw, 10-in. blade, without pole, 2.50

Saucers. See page 222.

Scissors. Flower gathering, 7-in. 1.75

Grape thinning, 7-in. 1.75

Scythes. English, riveted back, 30 and 32-in., $5.00;

34-in., $3.25; 36-in., $3.25; 38-in. 3.50

American, $2.25; heavy, short blade. 2.25

Scythe Stones. English Talacre, 35 cts.; Darby, 25 cts.; Carborundum, 36

Scythe Snath 2.25

SHEARS

Grass. Border without wheel, American, 8-in., $3.00;

9-in., $3.25; 10-in., $3.50; imported, 8-in., $4.00;

9-in., $4.25; 10-in. $4.75 4.75

Border, with wheel, American, 8-in., $4.50; 9-in.

$4.75; 10-in., $5.00; imported, 8-in., $4.75; 9-in.

$5.00; 10-in. 5.00

Lawn, with two wheels, for under trees and shrubbery.

American, $3.75; imported. 5.00

Sheep, American, 64-in., 75 cts.; 7-in. 1.00

Imported, 54-in., $1.50; 7-in. 1.75

Hand pruning, first quality, 6 in., ladies' $1.75; 8-

in., $2.50; 9-in. 2.75

Second quality, 8-in., $1.25; 9-in. 1.50

Darby's Special, 9-in., $2.00; per dozen. 20.00

Wiss, 9-in., heavy. We believe this is the best shear made. 3.50

French, wheel spring, 7-in., $2.00; 8-in., $2.25; 9-in. 2.50

Grape pruning. 75

Hedge, American, notched, 54-in., $1.10; ladies, 8-

in., $2.00; 9-in., $2.25; 10-in., $2.50; 12-in.,

$3.00; imported, 8-in., $2.50; 8-in., $2.75; 9-in.

$3.00; 10-in., $3.50; 12-in. 5.00

Lopping, American, 22-in. handle, $3.00; 24-in.

$3.25; 30-in., $3.25; English, 21-in. jaw, $5.00;

3-in. jaw, $5.50; 32-in. jaw, $6.00; 4-in. jaw. 6.75

Tree Pruning. Illustrated on page 217. Combined book and saw, orchard, $3.50; Little Giant, 3.50

Compound Lever, 2-ft., $5.75; 10-ft., $4.25; 12-ft.

$4.50; 14-ft. 4.75

Telegaph, without pole. 1.75

Water, 4-ft., $2.25; 6-ft., $2.50; 8-ft., $2.75; 10-

ft., $3.00; 12-ft. 3.25

Shovels. Round point, D handle, $2.25; long handle 2.25

Square point, D handle, $2.25; long handle 2.25

Sieves. Any size mesh, 12-in., $1.10; 18-in., $1.60;

20-in. 1.70

Sod Lifters. American, $1.50; imported. 5.00

Spades. $2.25; ladies, $1.25; special long handle 3.25

Spuds. 4-ft. handle, $1.25; dandelion 3.50

Rakes. Garden, straight steel teeth, 10 teeth, 90 cts.;

12 teeth, 95 cts.; 14 teeth, $1.00; 16 teeth. 1.05

Now steel teeth, 12 teeth, $1.00; 14 teeth, $1.15; 16

teeth. 1.20

Gravel, with short teeth, for walks and driveways, 14

teeth, $1.00; 16 teeth, $1.15; 18 teeth. 1.25

Lawn, Ames, wood, with 3 steel haws. 1.50

Automatic, self-cleaning, wood, 22 teeth, $1.00; 26

teeth, $1.25; 32 teeth, $1.50; 50 teeth. 2.00

Gem, steel teeth and frame, 31 teeth, $2.50; 46 teeth, 3.50

Hustler, galvanized, steel wire, 24 teeth, $1.00; 36 teeth 1.25

Lawn King, wood, 22 teeth, 75 cts.; 26 teeth, $1.00;

38 teeth, $1.25; 50 teeth. 1.50

Prices on Tools and Sundries subject to change without notice.
PLANT STAKES

Light, tapering. Round, painted green.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 ft.</td>
<td>7/8 inch</td>
<td>$0.65</td>
<td>$1.90</td>
</tr>
<tr>
<td>2 ft.</td>
<td>3/4 inch</td>
<td>$0.75</td>
<td>$2.10</td>
</tr>
<tr>
<td>24&quot;</td>
<td>1/2 inch</td>
<td>$0.25</td>
<td>$0.75</td>
</tr>
<tr>
<td>3 ft.</td>
<td>1 inch</td>
<td>$0.50</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

Heavy Rose or Dahlia. Round, painted green.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 ft.</td>
<td>7/8 inch</td>
<td>$0.85</td>
<td>$2.30</td>
</tr>
<tr>
<td>2 ft.</td>
<td>3/4 inch</td>
<td>$0.95</td>
<td>$2.60</td>
</tr>
<tr>
<td>24&quot;</td>
<td>1/2 inch</td>
<td>$0.55</td>
<td>$1.55</td>
</tr>
<tr>
<td>3 ft.</td>
<td>1 inch</td>
<td>$1.00</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

Square. Painted green.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 ft.</td>
<td>7/8 inch</td>
<td>$0.90</td>
<td>$2.60</td>
</tr>
<tr>
<td>2 ft.</td>
<td>3/4 inch</td>
<td>$1.00</td>
<td>$2.20</td>
</tr>
<tr>
<td>24&quot;</td>
<td>1/2 inch</td>
<td>$0.60</td>
<td>$1.50</td>
</tr>
<tr>
<td>3 ft.</td>
<td>1 inch</td>
<td>$1.15</td>
<td>$2.30</td>
</tr>
</tbody>
</table>

Plain unpainted Dowels.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>42 in.</td>
<td>1 inch</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Dyed Green. Add 25 cts. per 100; $2.00 per 1000.

Wire Stakes. Galvanized hard drawn steel, No. 10.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 ft.</td>
<td>1 inch</td>
<td>$0.95</td>
</tr>
</tbody>
</table>

Western Cane Stakes. Wood.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in.</td>
<td>1 inch</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Stake Fasteners. For fastening cross wires to galvanized stakes, per 1000.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 to 8 ft.</td>
<td>1 inch</td>
<td>$0.30</td>
</tr>
</tbody>
</table>

Trowels. American. 5 in., 20 cts.; 6 in.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in.</td>
<td>1 inch</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Steel shank, extra heavy.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in.</td>
<td>1 inch</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

Transplanting. "narrow steel blade.

<table>
<thead>
<tr>
<th>Length</th>
<th>Diameter</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>1/2 inch</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Thermometers. While we use great care in packing, thermometers are shipped at purchaser’s risk.

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dreer’s special, wood, 8 in.</td>
<td>$1.25; 10 in.</td>
<td>$1.75; 10 in.</td>
</tr>
<tr>
<td>Tin case, Japanned, 8 in.</td>
<td>$1.75; 10 in.</td>
<td>$1.75; 10 in.</td>
</tr>
<tr>
<td>Copper case, 8 in.</td>
<td>$2.25; 10 in.</td>
<td>$2.25; 10 in.</td>
</tr>
</tbody>
</table>

Self registering, Japanned case, $5.50; copper case, 6.00.

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hotbed or Mushroom, iron point</td>
<td>$2.00; brass point</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dairy or hotbed, glass</td>
<td>$0.50</td>
<td>$0.50</td>
</tr>
</tbody>
</table>

Trellises. Illustration page 217. Carnation supports (see page 214).

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tomato or Peony trellis, Model, wire, each 40 cts.; doz.</td>
<td>4 25</td>
<td></td>
</tr>
<tr>
<td>Hammer, 4 ft., metal post, 2 wire rings, price each. 40 cts.; doz.</td>
<td>4 25</td>
<td></td>
</tr>
<tr>
<td>Wire for small vines, 12 in., 25 cts.; 15 in., 40 cts.; 18 in., 50 cts.; 24 in.</td>
<td>4 25</td>
<td></td>
</tr>
<tr>
<td>Wood fan trellis, 31/2 inches high.</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf Rack and Hand Cart</td>
<td>$17.00; 24 inch wheels</td>
<td>$19.50</td>
</tr>
<tr>
<td>Box only, $9.00; Leaf Rack only $13.00; barrel only</td>
<td>$12.00</td>
<td></td>
</tr>
</tbody>
</table>

Prices on Tools and Sundries, subject to change without notice
DREER'S "RIVERTON SPECIAL" CEDAR TUB
Manufactured for us Exclusively

This tub is by far the neatest, cheapest, lightest and heaviest Florist Tub ever offered. Made of cedar, with electric welded hoops, painted green. Just the tub for large specimen plants of any kind. The four largest sizes are supplied with drop handles.

Outside  Inside  Length of
Diam.  Diam.  Stave in.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>21</td>
<td>20</td>
<td>20</td>
<td>$8 95</td>
</tr>
<tr>
<td>20</td>
<td>19</td>
<td>18</td>
<td>19</td>
<td>2 90</td>
</tr>
<tr>
<td>30</td>
<td>17</td>
<td>16</td>
<td>17</td>
<td>2 05</td>
</tr>
<tr>
<td>40</td>
<td>15</td>
<td>14</td>
<td>14</td>
<td>1 70</td>
</tr>
<tr>
<td>50</td>
<td>12</td>
<td>12</td>
<td>13</td>
<td>1 20</td>
</tr>
<tr>
<td>60</td>
<td>10</td>
<td>10</td>
<td>11</td>
<td>8 80</td>
</tr>
<tr>
<td>70</td>
<td>8</td>
<td>8</td>
<td>10</td>
<td>6 60</td>
</tr>
</tbody>
</table>

Machine-made Tree and Plant Tubs

Made of white cedar, painted green and bound with extra heavy iron hoops; drop handles and iron feet supplied with all sizes. Removable bottom.

Outside  Inside  Length of Stave
Diam.  Diam.  Stave in.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>27</td>
<td>25</td>
<td>24</td>
<td>$11 15</td>
</tr>
<tr>
<td>25</td>
<td>22</td>
<td>21</td>
<td>21</td>
<td>9 90</td>
</tr>
<tr>
<td>23</td>
<td>21</td>
<td>20</td>
<td>20</td>
<td>8 85</td>
</tr>
<tr>
<td>21</td>
<td>18</td>
<td>17</td>
<td>18</td>
<td>7 15</td>
</tr>
<tr>
<td>18</td>
<td>16</td>
<td>15</td>
<td>16</td>
<td>6 25</td>
</tr>
<tr>
<td>16</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>5 60</td>
</tr>
<tr>
<td>14</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>4 45</td>
</tr>
<tr>
<td>12</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>3 90</td>
</tr>
<tr>
<td>10</td>
<td>9</td>
<td>9</td>
<td>9</td>
<td>3 40</td>
</tr>
</tbody>
</table>

Twine.  Cotton, Green, lb. ...................... $1.40
Cotton, White, 8, 3, and 5 ply, lb. ........... 50
Jute, 2, 3, and 5 ply, lb. ................... 40
Silk alkaline, a strong green thread for tying plants; fine, medium and coarse, per spool, 35 cts.; per lb., of 8 spools, ....... 2 50

Vases.  See page 222.

Watering Cans.

<table>
<thead>
<tr>
<th>Size</th>
<th>Length of Stave</th>
<th>Each.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in.</td>
<td>9 in.</td>
<td>$1 60</td>
</tr>
<tr>
<td>11 &quot;</td>
<td>9 &quot;</td>
<td>72</td>
</tr>
</tbody>
</table>

Twine.  Cotton, Green, lb. ...................... $1.40
Cotton, White, 8, 3, and 5 ply, lb. ........... 50
Jute, 2, 3, and 5 ply, lb. ................... 40

Silk alkaline, a strong green thread for tying plants; fine, medium and coarse, per spool, 35 cts.; per lb., of 8 spools, ....... 2 50

Vases.  See page 222.

Watering Cans.

<table>
<thead>
<tr>
<th>Size</th>
<th>Length of Stave</th>
<th>Each.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in.</td>
<td>9 in.</td>
<td>$1 60</td>
</tr>
</tbody>
</table>

Wheelbarrows.  No. 4, Garden, 12 in. tire, $7.50;
3 in. tire, ................. 8 00
No. 5, Garden, 14 in. tire, $8.25; 3 in. tire, ....... 8 75

Greenhouse, narrow .......... 12 00
Boys', $7.00; Dreer Special Garden .......... 11 50

Window Boxes.  Savr Self-watering. These boxes have a false bottom making good drainage and circulation of air.

Painted green.

<table>
<thead>
<tr>
<th>Height</th>
<th>Width</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model A, 8 in.</td>
<td>9 5/8 in.</td>
<td>23 in.</td>
<td>3 50</td>
</tr>
<tr>
<td>Model B, 8 &quot;</td>
<td>9 5/8 &quot;</td>
<td>29 &quot;</td>
<td>4 00</td>
</tr>
<tr>
<td>Model C, 8 &quot;</td>
<td>9 5/8 &quot;</td>
<td>35 &quot;</td>
<td>4 25</td>
</tr>
<tr>
<td>Model D, 8 &quot;</td>
<td>9 5/8 &quot;</td>
<td>41 &quot;</td>
<td>5 00</td>
</tr>
</tbody>
</table>

Prices on Tools and Sundries subject to change without notice.
Wheel Hoes, Cultivators and Seeders

Much of the tedious, hack-breaking seeding, weeding, and hoeing are eliminated by the use of adjustable wheel tools. Being light and simple in construction they are practical tools for women and children. Market Gardeners use them making possible accurate sowing and thorough cultivation in rows too narrow for horse tools.

Send for a Planet Jr. Catalogue. It is possible to list only a few of these tools here since the line includes a very complete assortment of hand tools and horse tools, both for one horse and two horses.

No. 16. Single Wheel Hoe.
Designed to do all work required in the small garden: plowing; cultivating; hoeing and raking. It is very light, and can therefore be easily carried about. $9 75

No. 17. Single Wheel Hoe.
Identical with No. 16, excepting that the two rakes and leaf guard are not supplied. 8 25

No. 19. Single Wheel Hoe.
Designed to do all the work that No. 16 will do, but is of cheaper construction. 6 00

No. 4. Combined Hill and Drill Seeder and Single Wheel Hoe. The small grower should select one of the combined machines. The drill attachment will not be used as often as the hoeing and cultivating tools, but will be a source of much saving. This machine is a special favorite. There are probably more of them in use in the world than any other seeder made. As a Hill and Drill Seeder it opens the furrow, deposits the seed, covers it and rolls it, either in drills or hills. Holds 24 qts. 18 75

No. 31. Combined Drill Seeder and Single Wheel Hoe. This machine is thoroughly well made and offered at a price that makes it pay the very small gardener. Holds 1 qt. Price. 12 25

No. 12. Double and Single Wheel Hoe Combined. The arch is high enough to straddle a row until plants are 20 inches high; this insures close work. It can be altered into an admirable single wheel hoe for working between rows. Price. 11 75

No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe. This machine as a seeder is practically the same as No. 4; rows in drills or drops in hills 4, 6, 8, 12 or 24 inches apart. Holds 2 1/4 qts. Price. 22 25

Fire Fly Plow. This wheel hand plow will throw a furrow four to six inches wide, and one to three inches deep. Price. 4 25

Fairy Cultivator. A very useful and moderate priced wheel hoe. 3 20

Prices on Tools and Sundries subject to change without notice
Sprayers and Accessories

See Also Hose Accessories, page 221

Auto Spray. A four gallon compressed air sprayer, simple, and easy to carry. No tools required to take it apart, galvanized, $6.00; brass .......... $9.00
"Auto Pop" nozzles separate .......... 2.00
2 ft. extension rods, galvanized, 50 cts.; brass .......... 60
Copper strainer for filling tank .......... 1.50

Auto Spray Whitewashing Machine. A general purpose sprayer, fitted with 8 feet of hose and 6 feet extension pipe; 8 gallon tank. Galvanized, $22.50; brass .......... 27.50

Barrel Spray Pump. Deming’s "Century," a powerful pump without hose, nozzle, or barrel .......... 18.00
Deming’s "Major," without hose, nozzle, or barrel .......... 13.00

Bucket Spray Pumps. Deming’s "Perfect Success," with hose and nozzle .......... 8.50
Deming’s "Prize," with nozzle and 3 feet of hose .......... 5.80

Deming’s "Gardener’s Choice" Spray Outfit. A tank on wheels, holds 25 gallons, fitted with a powerful pump; complete with 6 feet hose and nozzle .......... 45.50

Knapsack Sprayer. A Vermorel Eclair, a French machine, as illustrated .......... 30.00

Wheelbarrow Sprayer. Hayes .......... 28.00

Rubber Sprinkler. 10 oz., straight or angular neck .......... 1.25
8 oz., straight or angular neck .......... 1.00

Hand Sprayers.

Atomizers, tin, 1 pt., 40 cts.; 1 qt .......... 50
“ “ brass, 1 qt. .......... 1.25
Compressed Air, 1 qt., tin, $1.10; brass, $1.25 and .......... 2.00

Spray Bellows. Woodason’s .......... 3.75

Nozzles. Bordeaux, $1.35; Vermorel, $1.00; Non-dog, $1.00; Simplex, straight, 65 cts.; angle .......... 70

Extension Rods, Iron. 4 ft., 60 cts.; bamboo, brass lined, Fig. 751, page 205, 10 ft., with stopcock .......... 6.00

Greenhouse Syringe. Brass
No. 101, 1 x 12 inches, rose and jet .......... 4.00
No. 102, 11 x 16 “ “ “ “ “ “ 6.00
No. 103, 11 x 16 “ “ “ “ “ “ 7.00
No. 110, 14 x 18 “ “ “ “ “ “ 9.25

Powder Distributors.

Tin Dusters, for sifting powder on plants .......... 1.00
Leggett’s “Champion Insecticide Duster,” .......... 14.00

Hand Powder Gun .......... 35

Bellows. Woodason’s, double cone .......... 6.00
Single cone, small, $3.00; large .......... 4.50

Sulphur .......... 3.75

Powder Sprayer. 1 qt., similar to hand sprayer, illustrated, page 224 .......... 75

Prices on Tools and Sundries subject to change without notice
Hose and Hose Accessories

**Hose, Rubber.** Moulded, for garden and greenhouse.
- Riverton, 1/4-inch, per foot ........................................ 0.20
- Second quality, 1/8-inch, per foot ............................... 15
- " " 1/4 " " .......................................................... 14
- Spray Hose, 1/8-inch, per foot ................................. 20
- Wire wrapping, per foot extra ................................... 3

**Hose Accessories.**
- Bands, wire, 1/4-inch and 1/2-inch, dozen, 35 cts.; per 100 ...... 2.75
- Clamps, Fig. 955, 1/8, 1/4 and 1/2-inch, galvanized, each 6 cts.; dozen, 60 cts.; brass, each 8 cts.; dozen 75
- Couplings, Fig. 966, to connect hose and nozzle ................ 65
- Fig. 749, hose stock and nozzle coupling ...................... 30
- Standard brass, Fig. 949, 1/8, 1/4 and 1/2-inch ................ 30
- Special Spray Hose, 1/4-inch ..................................... 1.00
- Double Spray. For two nozzles, angle attachment, Fig. 981, 80 cts.;
  - straight, Fig. 980 .................................................. 65
- Discharge "Y," Fig. 364, to run two hose from one pump discharge 1.05
- Menders, Cooper, each 10 cts.; dozen .......................... 1.00
- Jones, each 8 cts.; dozen ........................................... 75
- Perfection, each 12 cts.; dozen ................................... 1.25
- Nipples, Fig. 951, 1/4-inch, pipe thread, 1/4-inch, hose thread 35
- Nozzles, Boston, coarse or fine, $1.25; Ross, $1.00; Adjustable Nozzle,
  - 75 cts.; Combination, rose and stream ........................ 1.50
- Nozzle Holder, wire .................................................. 25
- Smooth Faucet Hose Connection. For small spigots, 50 cts.;
  - for standard spigots ............................................... 55
- Shutoff. For garden hose ............................................ 1.10
- Siamese connection .................................................. 85
- Stopcocks. Leakless, with ball valves.
  - Fig. 383, two 1/4-in. threads, $1.15; with 1/4-inch pipe thread
    and 1/4-inch hose thread ......................................... 1.75
  - Fig. 386, one 1/4-inch pipe thread and two 1/4-inch hose threads 2.25
- Underspray attachment. Fig. 962 ................................... 35

**Hose Reels.** Victor, 50 to 100 feet capacity, $3.75; Wirt's No. 10,
- 100 feet, $5.50; No. 20, 150 feet, $6.00; No. 30, 500 feet ........ 9.00

*Prices on Tools and Sundries subject to change without notice*
Flower Pots, Saucers and Fibreware

**STANDARD FLOWER POTS**

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Each</th>
<th>Dozen 100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1() in.</td>
<td>.80</td>
<td>.2, .80</td>
<td>.11</td>
</tr>
<tr>
<td>2() in.</td>
<td>2</td>
<td>.0</td>
<td>.16</td>
</tr>
<tr>
<td>2() in.</td>
<td>2</td>
<td>.0</td>
<td>.12</td>
</tr>
<tr>
<td>3() in.</td>
<td>.3</td>
<td>21</td>
<td>.1</td>
</tr>
<tr>
<td>3() in.</td>
<td>.3</td>
<td>28</td>
<td>.1</td>
</tr>
<tr>
<td>3() in.</td>
<td>.3</td>
<td>.2</td>
<td>.24</td>
</tr>
<tr>
<td>4() in.</td>
<td>.4</td>
<td>.2</td>
<td>.24</td>
</tr>
<tr>
<td>4() in.</td>
<td>.4</td>
<td>.39</td>
<td>.2</td>
</tr>
</tbody>
</table>

*Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.*

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Each</th>
<th>Dozen 100</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 in.</td>
<td>.9</td>
<td>.3</td>
<td>.09</td>
</tr>
<tr>
<td>4 in.</td>
<td>.4</td>
<td>13</td>
<td>.2</td>
</tr>
<tr>
<td>5 in.</td>
<td>.5</td>
<td>43</td>
<td>.3</td>
</tr>
<tr>
<td>6 in.</td>
<td>.6</td>
<td>72</td>
<td>.4</td>
</tr>
<tr>
<td>7 in.</td>
<td>.7</td>
<td>86</td>
<td>.6</td>
</tr>
<tr>
<td>8 in.</td>
<td>.8</td>
<td>18</td>
<td>.9</td>
</tr>
<tr>
<td>9 in.</td>
<td>.9</td>
<td>14</td>
<td>.5</td>
</tr>
<tr>
<td>10 in.</td>
<td>10</td>
<td>28</td>
<td>1.1</td>
</tr>
<tr>
<td>11 in.</td>
<td>1</td>
<td>22</td>
<td>1.5</td>
</tr>
<tr>
<td>12 in.</td>
<td>1</td>
<td>26</td>
<td>2.28</td>
</tr>
<tr>
<td>14 in.</td>
<td>1</td>
<td>44</td>
<td>4.90</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Round Bulb or Lily Pans</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width</strong></td>
</tr>
<tr>
<td>4 in.</td>
</tr>
<tr>
<td>5 in.</td>
</tr>
<tr>
<td>6 in.</td>
</tr>
<tr>
<td>7 in.</td>
</tr>
<tr>
<td>8 in.</td>
</tr>
<tr>
<td>9 in.</td>
</tr>
<tr>
<td>10 in.</td>
</tr>
<tr>
<td>11 in.</td>
</tr>
<tr>
<td>12 in.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wood Fibre Saucers</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Square Seed Pans</strong></td>
</tr>
<tr>
<td><strong>Each</strong></td>
</tr>
<tr>
<td>6 in.</td>
</tr>
<tr>
<td>8 in.</td>
</tr>
<tr>
<td>10 in.</td>
</tr>
<tr>
<td>12 in.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wood Fibre Vases</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fibreware</strong></td>
</tr>
<tr>
<td><strong>Each</strong></td>
</tr>
<tr>
<td>1 in.</td>
</tr>
<tr>
<td>2 in.</td>
</tr>
<tr>
<td>3 in.</td>
</tr>
<tr>
<td>4 in.</td>
</tr>
<tr>
<td>5 in.</td>
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<table>
<thead>
<tr>
<th>Neponset Waterproof Paper Flower Pots</th>
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<tbody>
<tr>
<td><strong>Doezen</strong></td>
</tr>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>4</td>
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</tbody>
</table>

**Send for Circular and Sample**

**Combination Truck Leaf Rack and Water Barrel**

For description see page 217

*Prices on Tools and Sundries subject to change without notice.*
Fertilizers for Lawn and Garden

We will be glad to quote prices on any agricultural fertilizers and on any fertilizers listed below in large quantities.

<table>
<thead>
<tr>
<th>Dreer's &quot;Peerless&quot; Plant Food</th>
<th>1-acre size</th>
<th>2-acre size</th>
<th>3-acre size</th>
<th>4-acre size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
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<tr>
<td>Garden Beans</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
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<tr>
<td>Lima Beans</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
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<tr>
<td>Velvet Beans</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
</tr>
<tr>
<td>Soy Beans</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
</tr>
<tr>
<td>Alshike Clover</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

**Land Plaster.** Used in composting and as a filler. Will sweeten the soil. 100 lbs., $1.75; 200 lbs., $3.00

**Lime.** For lawn or field use. Very finely pulverized. Hydrated, 100 lbs., 1.75; 1000 lbs., 1.75

**Nitrate of Soda.** Supplies nitrogen to soil; very active. Should be applied with a filler or as a liquid. Use 200 to 500 lbs. per acre. 5 lbs., $1.40; 100 lbs., $4.50

**Phosphate. High Grade Acid Phosphate, 16 per cent.** Sack of 200 lbs., $3.50

| Potato Manure | 100 lbs., $2.25; 200 lbs., $6.00
|--------------|-------------------|
| Soot | Imported Scotch. Used principally to produce good color in greenhouse plants. Effective against grubs and worms that work on top of the ground and beneath the surface. 28 lbs., $2.50; 50 lbs., $3.50; per bag of 112 lbs., $5.75

| Special Vegetable Fertilizer | 100 lbs., $3.50; 200 lbs., $6.50
|------------------------------|-------------------|
| Tankage | Very similar to blood but not so high in fertilizer content. 50 lbs., $2.00; 100 lbs., $3.50; 200 lbs., $5.50

**CULTURES FOR LEGUMES**

Legumes are the only plants, as a class, that can assimilate the nitrogen of the air as part of their food. This action is entirely due to the presence of nitrogen fixing bacteria. The nitrogen so obtained remains in the ground when the plants decay, thereby greatly enriching the soil. Legumes are, therefore, very important as a fertilizer-producing crop. The application of bacteria culture to the seed of legumes, when planting, greatly increases the nitrogen-gathering power, and greatly increases also the yield of crop. It is necessary to get a culture specifically for the crop to be treated. Cultures can be obtained for the following crops:

- Alfalfa
- Garden Beans
- Lima Beans
- Velvet Beans
- Soy Beans
- Alshike Clover
- Crimson Clover
- Red Clover
- Sweet Clover
- White Clover
- Lupines

Write for booklet giving full information.

**MULFORD CULTURE**

| 1-acre size | Supplied only for Garden Peas, Garden Beans, Lima Beans, and Sweet Peas | $0.35
|-------------|--------------------------------------------------------------------------|---|
| 2-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas              | $0.75
| 3-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas              | $1.50
| 4-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas              | $3.00
| 5-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas              | $5.00

**FARMOGERM**

| 1-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas | $0.50
|-------------|----------------------------------------------------------------|---|
| 2-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas  | $1.00
| 3-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas  | $2.50
| 4-acre size | Supplied only for Garden Peas, Garden Beans, and Sweet Peas  | $9.00

Prices on Fertilizers subject to change without notice
Insecticides and Fungicides

**Parcel Post.** Only those insecticides marked * can be shipped through the mails. Articles marked so will be shipped provided sufficient postage is included with your order.

We have attempted to list below only standard insecticides, eliminating as far as possible spurious articles. We have attempted also to eliminate duplications of the same remedy under different trade names, but because of the reputation of some copyrighted names have not held strictly to this rule. Sprayers are listed on page 220.

<table>
<thead>
<tr>
<th>Insecticide</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Ant Destroyer.</em></td>
<td>The best available remedy for ants. About 1/4 teaspoonful required for each hill. 1 lb., 53 cts.; 5 lb., $1.00.</td>
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</tr>
<tr>
<td>Aphine.</td>
<td>A nicotine preparation for plant lice, thrip and red spider. Dilute 1 part to 40 parts of water. 1 qt., $1.00; 1 gal., $3.00.</td>
<td></td>
</tr>
<tr>
<td>Bordeaux Mixture.</td>
<td>Paste. A remedy for fungus. Dilute 8 oz. to 1 gal. of water to obtain standard 3-3-50 mixture. 1 lb., 35 cts.; 5 lb., $1.00; 10 lb., $2.25.</td>
<td></td>
</tr>
<tr>
<td>Bordeaux Mixture.</td>
<td>Powder. Can be used dry or as a spray. When used as a spray 6 lbs. to 50 gals. of water will make standard 3-3-50 mixture. 1 lb., 55 cts.; 5 lb., $1.10; 10 lb., $2.90.</td>
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</tr>
<tr>
<td>Bordeaux Arsenate of Lead. Paste.</td>
<td>See Pyrox.</td>
<td></td>
</tr>
<tr>
<td>Bordeaux Arsenate of Lead. Powder.</td>
<td>Use 7 lbs. to 50 gals. of water. 1 lb., 60 cts.; 5 lb., $2.75; 10 lb., $5.00; 25 lbs., $11.00.</td>
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</tr>
<tr>
<td>Copper Solution.</td>
<td>Liquid. A remedy for fungus. Dilute 1 gal. to 15 gals. of water. 1 qt., $1.25; 1 gal., $3.00.</td>
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</tr>
<tr>
<td><em>Dalmation Powder.</em></td>
<td>For roaches, ants, etc. Ready for use as bought. 1/4 lb., 45 cts.; 1/2 lb., 75 cts.; 1 lb., $1.35.</td>
<td></td>
</tr>
<tr>
<td>Fungine.</td>
<td>A remedy for fungus. Use 1 part to from 35 to 50 parts of water. 1 qt., $1.00; 1 gal., $3.00.</td>
<td></td>
</tr>
<tr>
<td>Hellebore.</td>
<td>For aphids and the currant worm. To apply as a liquid, use 4 oz. to from 2 to 3 gals. of water; dry, use 1 lb. to 3 lbs. of flour or hydrated lime. 1/4 qt., 35 cts.; 1 lb., 65 cts.; 5 lb., $3.25.</td>
<td></td>
</tr>
<tr>
<td>Lemon Oil.</td>
<td>Effective against scale and aphids. Particularly recommended for use indoors, since it has a pleasant odor. Dilute 1 part to 10 parts of water. 1 pt., 35 cts.; 1 pt., 60 cts.; 1 qt., $1.00; 1 gal., $1.75; 1 gal., $3.00; 5 gals., $12.00.</td>
<td></td>
</tr>
<tr>
<td>Lime Sulphur Solution.</td>
<td>The standard remedy for scale and for certain fungus. Use 1 part to 9 parts of water. 1 pt., 50 cts.; 1 gal., $1.10; 5 gals., $4.25; 10 gals., $7.00; 30 gal. bbl. at $4.25 per gal.; 50 gal. bbl. at 30 cts. per gal.</td>
<td></td>
</tr>
</tbody>
</table>

**Prices on Insecticides and Fungicides Subject to Change Without Notice**
A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated.............................................. $2.00

Amateur's Practical Garden Book. Contains the simplest directions for the growing of the commonest things about the house and garden..................................................... 1.00

Asparagus. Its culture for home use and for market............................................. 90

Berry Book (Bigg's). All small fruits are treated in this complete little book................................................................. 50

Bulbs, Hints on the Growing of (Dreer). Tells how to grow both spring and summer flowering bulbs................. 25

Cabbage, Cauliflower and Allied Vegetables (Allen). Tells all about them, from seed time to harvest...................... 90

Carnation Culture (Dick). Practical guide to modern methods of growing Carnations................................................. 1.75

Chrysanthemum Manual (Revised Edition). A complete guide to the culture of this popular flower........................................... 60

Celery Culture. Complete in every detail, from sowing the seed for a few plants to handling carload lots........... 90

Continuous Bloom in America (Shelton). Solves the problem of how to keep a garden in flower from early spring to late autumn.................. 3.50

Farm and Garden Rule Book. A manual of useful ready rules and reference................................. 3.25

Fertilizers (Voorhis). The source, character and composition of natural, home-made and manufactured fertilizers and how to use them.................... 2.50


Fruit Growing, Principles of (Bailey). Revised new edition, presenting the most approved methods of fruit culture........... 2.50

Garden Guide. (Amateur Gardener's Handbook). Tells how to plan, plant and maintain the home grounds, how to grow vegetables, fruits, flowers, etc............................ 1.00

Garden Planning (W. S. Rogers). Especially designed to help the maker of small gardens who wants to start properly .......... 1.25

Greenhouse Construction (Taft). Complete treatise on the subject.............................................................. 2.25

Greenhouse Management (Taft). The latest book on this important branch of horticulture................................. 2.25

Handbook of Plants (Henderson). A dictionary of plants with valuable cultural hints for important sorts......................... 3.50

Home Floriculture (Redford). A practical guide on flowering and ornamental plants for the amateur...................... 1.75

How to Plan the Home Grounds (Parsons). Instructions for planning the home grounds, large or small.................. 1.25

Manual of Gardening (Bailey). A practical guide to the making of the home grounds and the growing of flowers, fruits and vegetables for home use............................. 3.25

Milady's House Plants (Palmer). Tells of the plants which any woman can successfully grow indoors; 100 instructive pictures........................... 75

Mushroom Growing (Daggar). The latest work on this subject, the information contained in this book is reliable and up-to-date.................. 2.00

Onion Culture (Grenier). Gives the latest ideas of growing this crop.......................................................... 2.50

Orchard Book (Bigg's). A concise work. Gives all necessary details for culture of apples, pears, etc.......................... 50

Plant Culture (Oliver). A new and greatly enlarged edition of this splendid handbook of everyday practice for the florist and gardener....................... 3.50

Potato Culture (Fraser). The most reliable and authoritative book on the potato published......................... 1.60

Poultry Book (Bigg's). Most concise work on the subject............................ 0.50

Practical Landscape Gardening (Grindall). Of particular value to the owner of the moderate sized suburban home, nicely illustrated.......................... 2.50

Roses, How to Grow. Latest revised edition of this handy, helpful book for the beginner as well as advanced amateurs. Nicely illustrated.............................................. 1.25

Seasons in a Flower Garden (Shelton). The record of an enthusiastic amateur; full of valuable information and instruction.......................... 1.50

Small Fruit Culturist (Fuller). This book covers the whole range of small fruits................................. 1.60

Soils (Burkett). Their properties, improvements, management and the problems of crop growing and crop feeding.............. 1.75

Spraying of Plants (Lodeman). Principles and practice of the application of liquids and powders to plants for destroying insects and fungi.......................... 2.50

Strawberry Culture (Fuller). Contains all information necessary to enable anyone to grow their own strawberries 40

The Nursery Manual (Bailey). A new edition entirely rewritten and re-illustrated. This book is a complete guide to the multiplication of plants......................... 2.50

The Pruning Manual (Bailey). Principles and practices of pruning and training as applied to American conditions............ 2.50

Tomato Culture (Tracy). The most complete work on the subject.............................. 0.90

Vegetable Forcing (Watts). The most complete and authoritative work on this subject. Equally valuable to amateurs and experienced gardeners.................. 2.50

Vegetable Gardening (Watts). A complete, concise and authentic book covering every phase of the subject............ 2.50

Violet Culture (Galloway). The only comprehensive work on this important subject.......................................................... 1.75

Water Gardening. A very complete work on this most fascinating branch of horticulture............................. 3.50