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Dreer's Midsummer List 1920



HENRY A. DREER
714-716 CHESTNUT ST.
PHILADELPHIA, PA.

Dreer's Midsummer Catalogue

1920

In presenting this, our Mid Summer Catalogue for 1920, we would direct the attention of our patrons to our offerings as follows:

Vegetable Seeds. A complete list of the kinds that can be sown this summer and crops secured before frost	PAGES I to 6
Farm Seeds for summer sowing.....	7
Flower Seeds. Our usual comprehensive offering.....	9 to 26
Celery and Cabbage Plants	8
Winter and Spring-Flowering Bulbs. Advance offer of the leading kinds.....	27 to 34
Seasonable Tools and Sundries	35 to 40

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

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, and other heavy and bulky goods are sent by Express or freight at purchaser's expense.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges.

For those of our customers who live at a distance from an Express Office, making it more convenient for them to receive their goods by Parcel Post, we will be pleased to forward in this manner such goods as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs:

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

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

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation such goods as will be received by them, and weighing not in excess of 50 pounds when packed.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments, nor for delivery to Freight Depots 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 inform us and 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.

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.

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 productiveness 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 everyone 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.

HENRY A. DREER 714-716 Chestnut Street
PHILADELPHIA

FROM

.....

.....

PLACE
POSTAGE
STAMP
HERE

HENRY A. DREER

SEEDS, PLANTS AND BULBS

714-716 CHESTNUT STREET

PHILADELPHIA, PA.

**PLEASE BE SURE THAT ORDER IS
SIGNED AND FULL ADDRESS GIVEN**

Dreer's Vegetable Seeds

MAKE YOUR GARDEN SERVE YOU ALL SUMMER AND ALSO
PRODUCE A SUFFICIENT SUPPLY FOR WINTER USE

In our Mid-summer Catalogue last year we urged customers to grow more vegetables than ever before, and now it is even more urgent for them to do so, as there will not be enough produced by commercial growers to come anywhere near feeding the people of this country. If you have any space available, it is your duty to cultivate it and produce such vegetables as may either be canned or stored away for use during the winter months. Use the spaces made vacant by the maturing crops, by growing Lettuce and other heading vegetables, such as Cabbage and Cauliflower. Beans may be planted up to September 1st, Sugar Corn up to July 20th, and Peas for fall use should be planted about the middle of August. Many other vegetables may be planted during the summer, information concerning which will be found under the headings of each vegetable offered in this Catalogue. Do not let interest in your garden diminish, keep it working for you all Summer long and produce all the vegetables needed by your family. By doing this, you will be independent of dealers who will have to charge high prices for vegetables of all kinds.

We pay postage on vegetable seeds by the packet, ounce, quarter pound and pound. Add postage as stated for Beans, Corn and Peas.

BEANS, DWARF OR BUSH

Green and Wax bush sorts can be planted throughout the season up to September 1 with only slight risk.

BEANS BY PARCEL POST

Prices for Beans of all kinds are for same by express or freight at purchaser's expense. If wanted sent by Parcel Post add as follows: To points east of Mississippi River, 7 cts. lb. West of Mississippi River, 12 cts. lb.

Improved Extra Early Red Valentine. Green pod. A standard variety. Bears pods which are round, long, slightly curved and of excellent quality. It is one of the most prolific sorts for private use or market. Pkt. 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., \$2.25.

Stringless Green Pod (Burpee's). 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. Pkt. 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., \$2.50.

Improved Rust-proof Golden Wax. An early variety and an improvement on the original Golden Wax. The pods grow long, nearly straight, broad, flat and are clear yellow. Pkt., 10 cts., postpaid. By express or freight at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., \$2.50.

Wardwell's Kidney Wax. A popular variety, bearing long, flat pods of a delicate waxy-yellow; stringless and brittle. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post add as noted above); 10 lbs., \$2.50.

FOR SHELL BEANS

Shell Beans for winter use may be planted up to the middle of July.

Boston Pea, or Navy Bean. A small white Bean which is used in soup, or for baking. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., \$2.25.

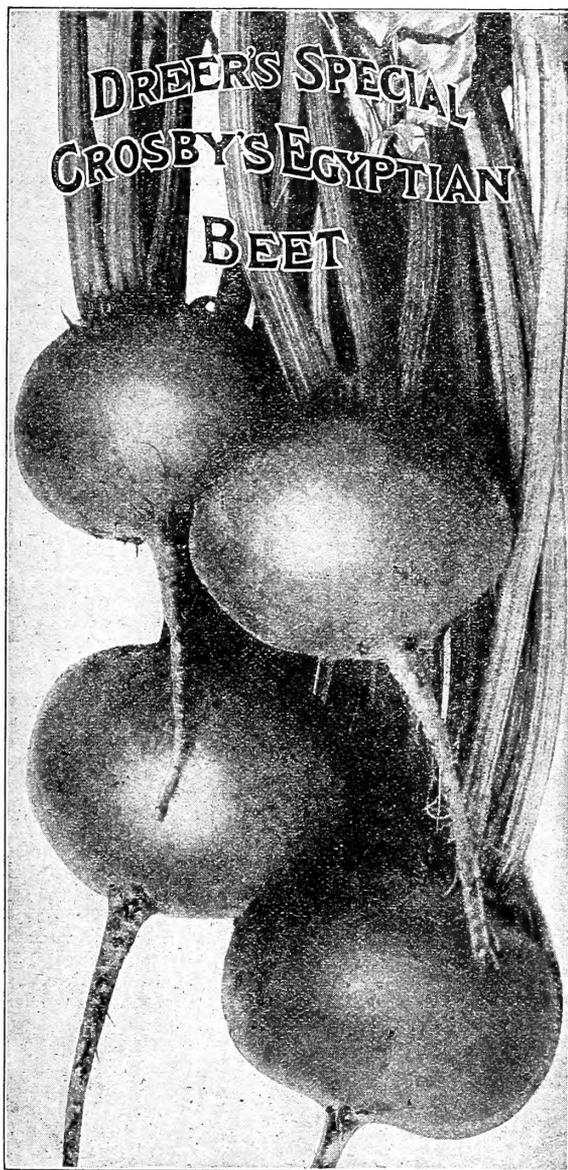
White Marrowfat. Extensively grown as a dry Bean for winter use. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (If by Parcel Post add as noted above); 10 lbs., \$2.25.

BEETS

For winter keeping use Edmand's Blood Turnip and Bastian's Half Long Blood. Sow from middle of June to middle of July.

Edmand's Blood Turnip. A good variety 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 a very good keeper. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Bastian's Half-Long Blood. A fine variety for either spring or winter use. The roots are smooth, flesh bright red and quality excellent. It is a good keeper, and for winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



Dreer's Special Crosby's Egyptian. (See Cut.) This special selection of extra early Beet is as great an improvement over the ordinary Crosby Egyptian as the latter variety is over the old-time Egyptian Blood Turnip Beet and is valuable both for the private gardener and those who grow Beets for market. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh-vermilion, very sweet and tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

CAULIFLOWER

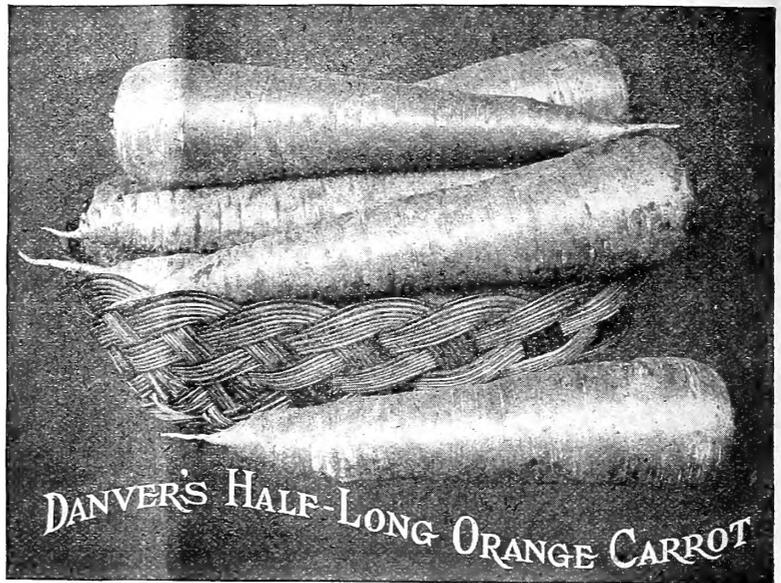
For the winter crop of Cauliflower sow seed during June or July, and set the plants out on a cloudy day.

Half Early Paris. A popular white sure-heading variety, good for early or late use. Pkt., 10 cts.; $\frac{1}{2}$ oz., 60 cts.; oz., \$1.00.

Lenormand's Short Stem. A large, late, short-stemmed variety. Very hardy and makes a handsome head. Pkt., 10 cts.; $\frac{1}{2}$ oz., 60 cts.; oz., \$1.00.

Algiers. An extra fine late variety, which is very dependable for the amateur. It is also suitable for market and sure to head. Pkt., 10 cts.; $\frac{1}{2}$ oz., 60 cts.; oz., \$1.00.

Veitch's Autumn Giant. One of the finest late varieties. The heads grow to a large size, very solid and compact, and continue fit to use over a long season. Pkt., 10 cts.; $\frac{1}{2}$ oz., 50 cts.; oz., 85 cts.



DANVER'S HALF-LONG ORANGE CARROT

CARROT

For fall and winter use, Carrots should be sown from the middle of June to the middle of July, using seed of Danver's Half-Long Orange, Rubicon and Nichol's Improved Long Orange.

Danver's Half-Long Orange. (See cut.) A rich orange-red variety, very smooth and handsome, producing very large crops. The roots taper to a blunt point; flesh sweet, crisp and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Improved Rubicon. Grows about the same length as Danver's but thicker, and a rich dark orange in color. Coreless, very tender and of excellent quality. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Nichol's Improved Long Orange. A fine selection of the Long Orange Carrot. Sometimes attains 12 inches in length and is quite thick. Good for table use and feeding stock. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

SWEET CORN

Plant up to July 20th. July 5th use Stowell's Evergreen, or Country Gentleman. July 15th use Stabler's Early and July 20th Dreer's Aristocrat or Golden Bantam.

SWEET CORN BY PARCEL POST

Prices for Sweet Corn of all kinds are for same by express or freight at purchaser's expense. If wanted sent by Parcel Post, add as follows: To points east of Mississippi River, 7 cts. lb.; west of Mississippi River, 12 cts. lb.

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. It remains in good condition, suitable for cooking, for a long time. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated above); 10 lbs., \$2.50.

Country Gentleman, Little Gem, or Shoe Peg. A popular variety which ripens about same time as Stowell's Evergreen. Ears medium size, deep grains in irregular rows, deliciously sweet, tender and milky. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated above); 10 lbs., \$3.00.

Stabler's Early. 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. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated above); 10 lbs., \$2.50.

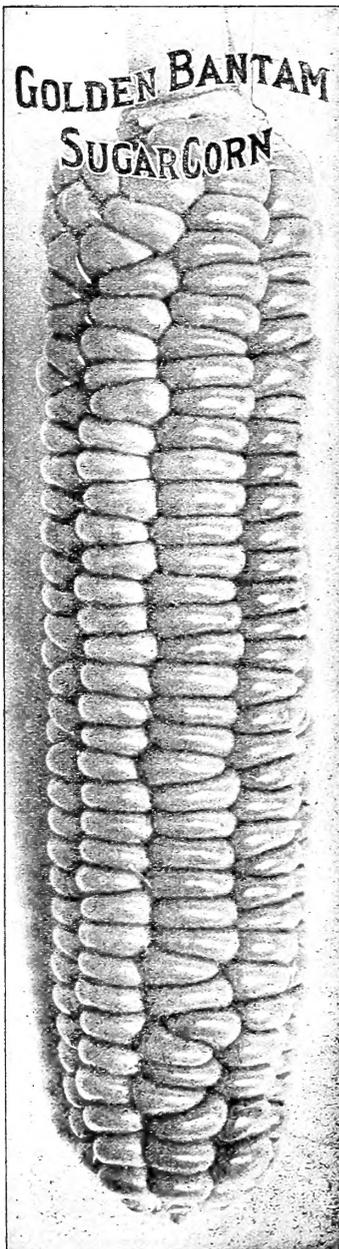
Dreer's Aristocrat. This delicious Sweet Corn was first introduced by us a few years ago. It is an extra early variety, ripening with the Cory. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post add as stated above); 10 lbs., \$3.00.

Golden Bantam. (See cut.) Grains are yellow and ears measure about five inches in length, and grains very sweet. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated above); 10 lbs., \$3.00.

CORN SALAD (Fetticus)

An excellent salad plant which is used as a substitute for spinach. The seed is sown during August and September and plants covered with litter upon the approach of frost.

Large Seeded. A strong growing variety which is of a large size and produces long, narrow leaves and is of good quality. It is the best variety for the home garden. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.





CUCUMBER

Seed may be sown until July 15, and for slicing we recommend Klondike, or if wanted for pickles use Early Russian, Green Prolific, Everbearing or Long Green.

Klondike. (See cut.) This valuable variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in good condition for use. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early Russian. One of the earliest varieties. The fruit is small and the quality is very good. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Green Prolific. This is a very good pickling variety; dark green skin and exceedingly productive, medium size. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Everbearing. Produces pickles and cucumbers until frost kills the vines. Very productive; fruits of all sizes on the vines at the same time. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Long Green (Jersey Pickle). Fruits long, firm and crisp. Use small size for pickles and large for sweet pickles. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

ENDIVE

This salad vegetable should be more largely grown, as its culture is very easy. For fall use the seed may be sown until August, and as it only requires about the same time to grow as lettuce, it makes an excellent fall vegetable.

Dreer's Giant Fringed. (See cut.) A strong-growing variety with large white heart and broad stems; good for fall and winter and fine for decorative purposes. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter crop; when tied up this variety blanches splendidly. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

KALE OR BORECOLE

Makes excellent greens for spring use. Sow in September and protect with litter during winter. The green leaves may sometimes be gathered from under the snow.

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, the leaves are large and furnish an abundance of greens during the fall, winter and spring. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Dwarf Green Curled. Leaves yellowish-green, very compact and beautifully curled. This variety is hardy, and the flavor is improved, rather than harmed by frost. Leaves are long, deeply cut, finely curled and quite ornamental. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

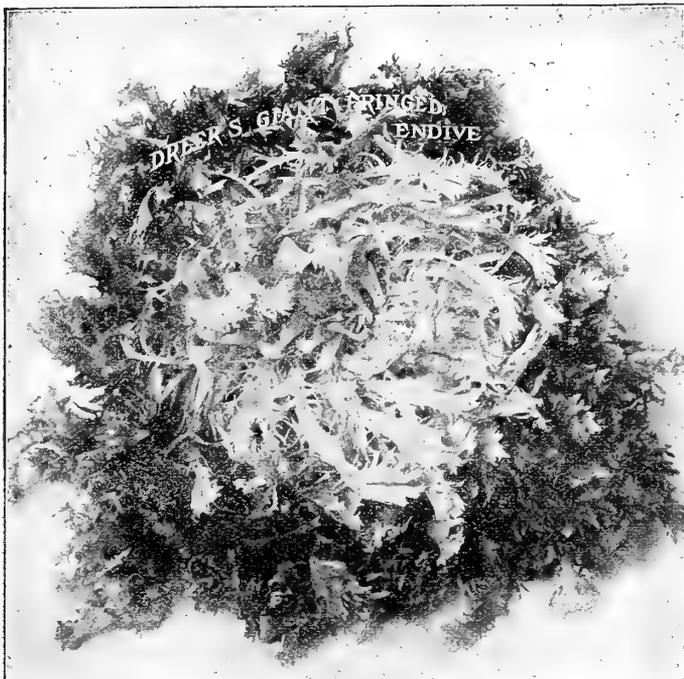
Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored. It is largely grown in the Southern States, also very hardy in the North, and the quality and flavor are excellent. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

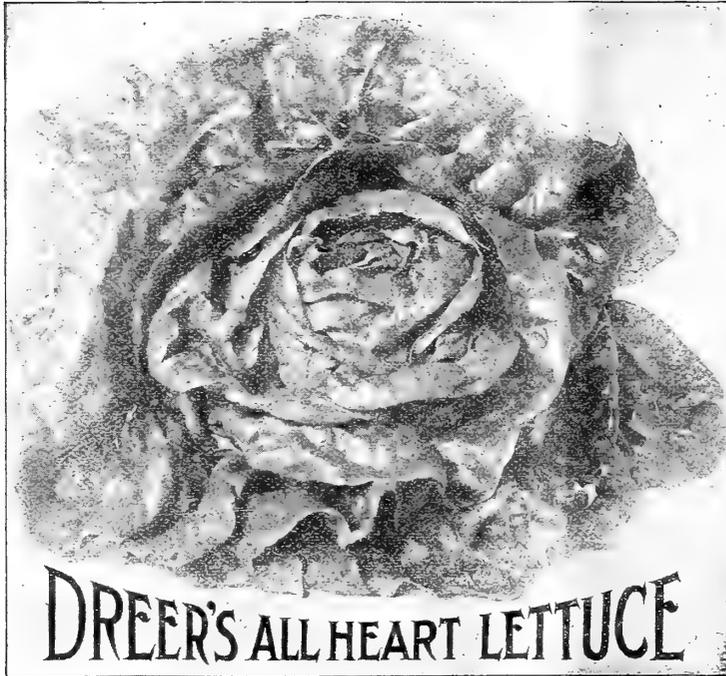
KOHL-RABI

Bulb grows above the ground and looks like a leafy turnip. Seed may be sown until middle of summer. It is usually boiled and served with a dressing, and has the combined flavor of the cabbage and turnip.

Earliest White Kohl-Rabi. A white, tender variety, with smooth root and very short top; the best variety for outdoor culture. A fine variety and of excellent flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Early White or Green 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.; $\frac{1}{4}$ lb., \$1.00.





LETTUCE

You should have Lettuce growing in your garden until frost. Frequent planting should be made until October, and for sowing during the hot summer months the following varieties are well adapted:

Drear's "All Heart." (See cut.) This Cabbage Lettuce was introduced by us several years ago, and has continually grown in favor. It is excellent for both spring and summer use, as it stands the hot weather very well. It is of a yellowish-green color, and forms a solid heart, even before it is half grown. It is of superior flavor. It is also sometimes used for forcing under glass. Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Drear's Wonderful. This is the Lettuce which is grown so largely in California and shipped throughout the whole country. It is a very popular variety for summer planting, and the large white heads resemble cabbage in their solidity, frequently weighing 2 and 3 lbs. each. The quality is superb, being crisp, rich and tender. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Drear's Improved Hanson. This Superior Lettuce, which we originally introduced, is excellent for summer. The heads grow to a reasonable size, and are solid, sweet, tender and crisp. For outdoor cul-

ture it is unequalled. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

French Unrivalled. A sure-heading variety, which is suitable for growing at any season. Forms large, compact, buttery 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. A good Lettuce to grow at any season of the year, outside in spring and summer and under glass in winter, and in either case it can be depended upon to produce a satisfactory crop of large and solid heads. It is a splendid Lettuce for the home garden. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Mammoth Salamander. A large buttery cabbage-heading variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Improved Deacon. An old and reliable variety. A good summer cabbage sort; light in color and very crisp. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

California Cream Butter. Produces a large white head and stands heat. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Early White Cabbage (White Butter Lettuce). Good for fall sowing, as it is nearly hardy and requires but little protection. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

LEEK

This vegetable belongs to the onion family, but is milder in flavor. The seed may be sown in August or September, and plants transplanted early in the following spring.

Drear's Prizetaker Leek. A fine large variety of Leek, which is very mild and tender. The Leeks grow very long and thick, are pure white in color and extremely attractive in appearance. On account of its size and general appearance, this variety is an ideal one for growing to show at exhibitions in the fall. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Giant Carentan. Largely grown in all sections. It produces a large, thick stem and is of mild flavor. An attractive variety for market and very hardy. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Musselburg. An improved variety of Leek which grows to a very large size, with broad leaves, spreading like a fan. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

London, or American Flag. A popular sort, which makes a good growth, is hardy and of good quality. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

PARSLEY

Excellent for garnishing meats and salads. The roots may be taken up in the fall, planted in boxes or pots and grown in a sunny window for winter use.

Drear's Dwarf Perfection. (See cut.) A compact variety, with fine curled leaves so closely set as to form an almost semi-globular plant. Color bright pea-green, and the flavor surpasses all other varieties of Parsley. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Drear'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., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Champion Moss Curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Half Curled. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Fern Leaved. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Plain. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



Dreer's Selected Garden Peas

Peas do not do well if planted during hot weather, but sowings of the early sorts, made in August, generally bring good results, and it is nice to have green peas fresh from the garden during the early fall months. Dreer's Electric Extra Early is especially desirable for this purpose.

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.

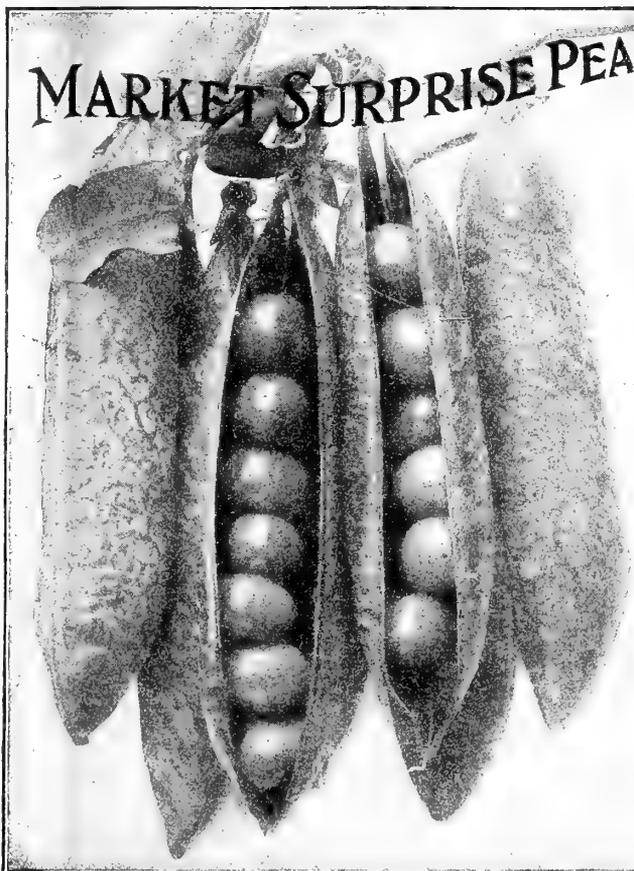
To points West of Mississippi River, 12 cts. per pound.

Dreer's Electric, Extra Early. This is a variety of the Alaska type, but a great improvement. The vines grow 2 feet high, and are loaded down with pods. It is the best variety of this type, and excellent for planting in August. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as noted on this page); 10 lbs., \$3.00.

Dreer's Eureka, Extra Early. Vines make a vigorous growth, and pods mature evenly and at a very early season; height 20 inches. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as noted on this page); 10 lbs., \$3.00.

Market Surprise. (See cut.) This new early Pea was first sent to us by a leading seed grower in England. The plant grows to a height of 30 inches, and is very thrifty, 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., postpaid. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post add as noted at top of page); 10 lbs., \$3.50.

Nott's Excelsior. An improvement on American Wonder, being as early and pods decidedly larger, and the plants bear many more pods. The peas, which have a very delicate flavor, are tender and sweet; height 14 inches. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as noted at top of page); 10 lbs., \$3.50.



Gradus, or Prosperity. This variety combines the finest quality with extreme earliness, and is very productive. Grows vigorous and healthy; vines about 3 feet in height, bearing pods as large as Telephone, 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. Pkt., 10 cts., postpaid. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as noted at top of page); 10 lbs., \$4.00.

SPINACH

The most extensively used early spring vegetable.

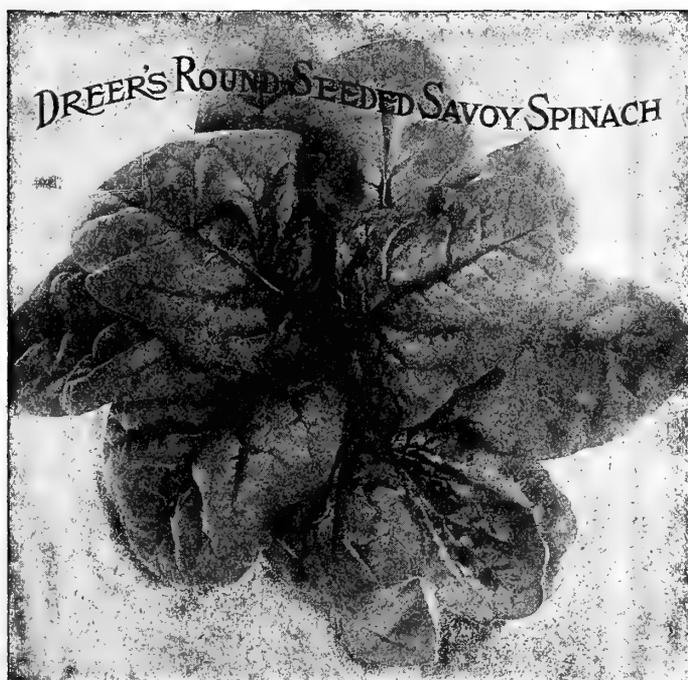
Dreer's Round-seeded Savoy. (See cut.) This is the hardiest large Savoy-leaved; curled and crimped, with thick, fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

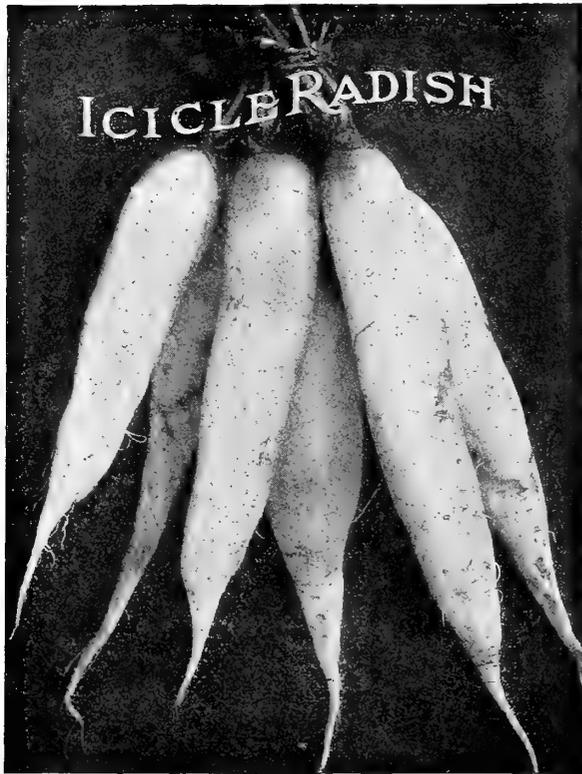
Victoria. This variety is of remarkably fine texture, of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem; it is now grown extensively by the truckers of our markets, who value it highly. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Long Season. Sowings can be made during the Summer. The leaves are a rich dark green color, very thick, crimped and of splendid quality. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

SUCCESSIVE PLANTINGS

Many amateurs overlook the value of planting vegetable seeds as long as there is a chance of the crop maturing before frost. Do not be in this class, but get all you can from your garden by replanting as soon as any space is made available by the maturing of crops.





TURNIP

This is an autumn cropping plant and seeds may be sown as late as the early part of August. For winter use store away in a cool cellar and cover with a few inches of dry earth.

Purple-Top White Globe. Globular shape, handsome and of superior quality, either for the table or stock. Is a heavy producer, early, and a good keeper; one of the best varieties for table use and feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; 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., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Snowball. A fine-looking, pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin, are nearly round, and may be used while small. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early White Egg. Egg-shaped and very smooth with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white flesh, and skin, fine grained and sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Yellow Globe (Amber Globe). One of the best for a general crop. It produces a globe-shaped 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., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

RUTABAGA TURNIP

These are larger than the ordinary turnip and used both for the table and feeding stock. The seed should be sown before the end of July and they may be stored in cellar same as turnips.

Dreer's Improved Purple-Top. (See cut.) This special strain is remarkable for uniform shape and fine quality. It grows to a large size; skin is smooth, flesh yellow and fine-grained. The flavor good, being very sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Budlong's Improved. White, very sweet, much milder flavor than any of the other sorts; globe-shaped. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

RADISH

Sow Radish seed about every two weeks, growing only about what quantity you can use between crops. Summer varieties should be used for planting during July and August, as they withstand hot weather better than the early sorts. For winter use, sow seed of the Winter Varieties in July, and they can be harvested before severe frosts and stored in sand in a cool cellar.

SUMMER VARIETIES

Ice Radish. (See cut.) A long Radish, transparent white, small top, allowing close planting, and is very crisp and brittle. The Radishes remain in good condition for a long time while growing, allowing continuous use from one planting. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Dreer's White Delicacy. An attractive long white variety, which is a great improvement on the White Strasburg, being earlier, more evenly shaped and smaller top. It grows from four to five inches in length, tapers to a point and the flesh is very tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Beckert's Chartier. Long crimson, shaded white at tip. A good variety for summer use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

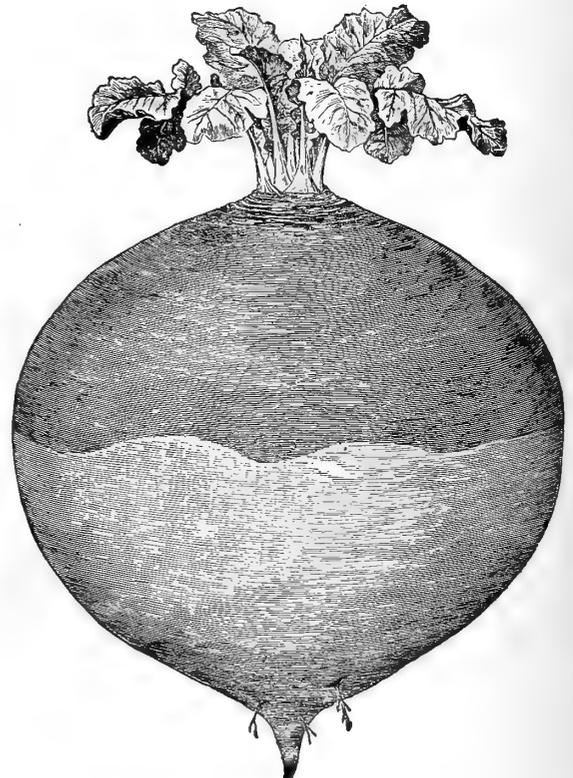
Long White, or Lady Finger. Skin and flesh are pure snow-white. Crisp and of rapid growth. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

WINTER VARIETIES. Sow in July

White Chinese or Celestial. One of the best winter Radishes. It is stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor. The skin is pure white, and Radishes may be used at all stages of growth. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Scarlet China. Roots are oblong in shape and bright rose color. Flesh white, crisp, and pungent. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Long Black, and Long White Spanish. Both hot in flavor and good keepers. Price, each, pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., 2.00.



DREER'S IMPROVED PURPLE-TOP RUTABAGA

FARM SEEDS FOR SUMMER SOWING

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Write for Samples and Prices on any Field Seed wanted and not offered on this page

MANGELS AND SUGAR BEETS

	Oz.	By Mail. ¼ lb.	Lb.	By Express. 10 lbs.
Mangel Wurzel—				
Golden Tankard.....	10	30	\$0 85	\$7 00
Mammoth Long Red.....	10	30	85	7 00
Yellow or Orange Globe.....	10	30	85	7 00
Red Globe.....	10	30	85	7 00
Sugar Beets—				
American White Sugar.....	10	35	1 00	8 50
Lane's Improved White Sugar	10	35	1 00	8 50

MILLETS

Golden Millet (*Southern-grown*). A valuable annual hay and fodder crop, medium early, 4 to 5 feet high. Sow 1 bushel to acre. Write for price, stating quantity wanted.

Hungarian Millet (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage. Sow 1 bushel to the acre. Write for price, stating quantity wanted.

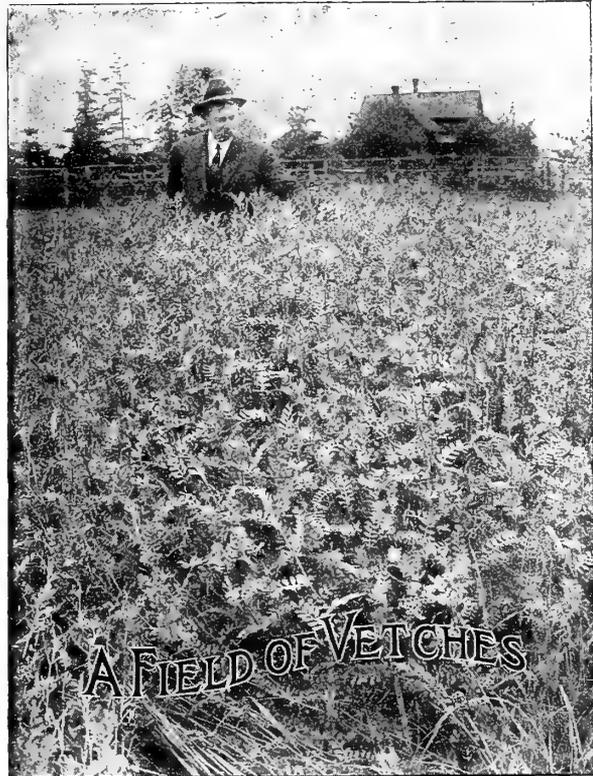
Japanese Barnyard Millet (*Panicum Crus-galli*). An excellent fodder plant; grows 6 to 8 feet high. Sow between middle of May and end of July. Lb., 50 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$3.20; 50 lbs., \$15.50; 100 lbs., \$30.00.

DWARF ESSEX RAPE

A foliage plant of highest value. For fall crop sow in July, August and September. It is sown broadcast 10 lbs. to the acre, but is better drilled, in which case 5 lbs. to the acre will suffice. In few weeks from time of sowing, sheep, hogs or cattle can be turned on it. Per lb., 35 cts., postpaid. Write for price, stating quantity desired.

BUCKWHEAT

Japanese. The best variety for all sections. Makes strong growth, and kernel is large in size. Write for price, stating quantity wanted.



VETCH

Winter Vetches, or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing with rye, which serves as a support. It is perfectly hardy in all parts of the country, and maturing fully four weeks earlier than Scarlet Clover, it can be harvested or plowed under and the ground used for the usual spring crops. Lb., 50 cts., postpaid. Bushel, 60 lbs. Write for Leaflet and price.

CRIMSON OR SCARLET CLOVER

Crimson Clover has become wonderfully popular both for pasture and hay crop, also as a green manure for plowing in. It can be seeded at any time from June to October at the rate of 15 to 20 lbs. per acre, and makes the earliest possible green pasture, blooming the latter part of April or May, and for feeding as hay should be cut just before coming in full bloom. One acre grown at the New Jersey Experimental Station yielded, May 31, 6997 pounds of organic matter, 312 pounds of nitrogen, 52 pounds of phosphoric acid and 186½ pounds of potash. The nitrogen alone could not be bought for \$30.00, and is fully equal to that found in 20 tons of stable manure, and at such a small cost. It not only builds up worn out soils, when turned under, but rich soils are kept up to their fertility with less cost than by any other means. Lb., 40 cts., postpaid. Write for special circular and price of seed per bushel.

ALFALFA (*Medicago Sativa*)

It is an established fact that Alfalfa sown during August will prove more satisfactory than when sown during the spring. After once established it will produce three to four heavy cuttings in a season, making a total of from three to six tons of nutritious hay per acre. We handle only High-grade American Grown Seed of Alfalfa, and will be pleased to send sample and price on application. We have published a Special Leaflet on Alfalfa, which tells how and when to prepare the land, sow seed, cure and harvest the crop. A copy mailed free on request.



CELERY PLANTS



Plants will be ready to send out July 1st. They can be planted in this latitude from then until the end of August.

Celery requires a moist, rich soil, and will not thrive in poor soil and dry situations. After the plants have attained a height of five or six inches they should be set out in rows three feet apart, and six inches in the row. When twelve to fifteen inches high the soil should be loosened by the use of the plow or hoe, and the plants "handled." This operation consists of drawing the stems upright with one hand and pressing the soil firmly against the plant with the other; by this process the plants grow upright, and can easily be cultivated and blanched by drawing the soil close up to the plant. Celery should receive thorough cultivation if good results are desired. To store for winter use, select well drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with waterproof celery paper to shed the water; in severe weather protect with straw or leaves.

We grow in quantity the following splendid varieties :

Columbia. An exceptionally fine early variety of medium height, but very stocky, foliage light green with yellow tinge, stalks thick, almost round, of a rich, yellow color, similar to the well-known Golden Self-blanching, which it resembles when trimmed and bunched. Its exceedingly fine flavor and crispness will please the most critical.

Easy-Blanching. A new variety of remarkably easy-blanching characteristics. The stalks are thick and brittle, of splendid quality and flavor. Useful alike for early use and keeping during the winter months.

Giant Pascal. Stalk very large, thick, solid, crisp and of rich, nutty flavor. It blanches very easily and quickly, and has superior keeping qualities.

Golden Self-Blanching. An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich, golden-yellow, with light yellowish-green outer leaves.

Perfected White Plume. A choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it.

Winter King. One of the best of the winter keeping Celeries. While the outer stalks are green, it naturally produces many golden hearts, which are very crisp, tender and of excellent flavor.

Winter Queen. This variety is a valuable sort, particularly on account of its excellent winter-keeping qualities. It grows a very thick, solid and heavy stalk, and has a large heart, and when blanched is a creamy white color.

All Celery Plants 75 cts. per 100; \$6.00 per 1000.

If wanted by Parcel Post, add 15 cts. per 100.

Miscellaneous Vegetable Plants

In stock until August. If wanted by Parcel Post, add 15 cts. per 100.

CABBAGE

Dreer's Selected Late Flat Dutch. Short stem, and large, solid and flat heads. Our stock has been carefully selected for several years, in order to get a Cabbage of this type, and we are confident no better strain is on the market.

Mammoth Rock Red. The largest and most solid of the red varieties; a sure heading sort, and tender.

Perfection Drumhead Savoy. Of superior quality; the largest solid heading Savoy, possessing the rich flavor of the Cauliflower.

Price. Any of the above, 50 cts. per 100; \$4.00 per 1000.

BRUSSELS SPROUTS

Dreer's Select Matchless. A small-leaved variety of this noted vegetable, which, through careful selection, has been brought to perfection; grows freely during the summer, and is fully developed by the early frost, at which time the stems are thickly set with sprouts the full length. 75 cts. per 100; \$6.00 per 1000.

NOTE—We supply 250 or more of a kind at the 1000 rate

Dreer's Reliable Flower Seeds

FOR SUMMER SOWING

On the following pages we give a list of Seeds of the **Best Hardy Perennials**, which are now so deservedly popular. With little trouble you can have an abundant supply of Columbines, Canterbury Bells, Foxgloves, Gaillardias, Hollyhocks, Larkspurs, Forget-me-nots, Daisies, Sweet Williams, etc., etc., for flowering in 1921. The list also includes a choice selection of other Flower Seeds for summer sowing, such as Cinerarias, Cyclamens, Pansies, Primulas, etc.

Hardy perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of perennials.

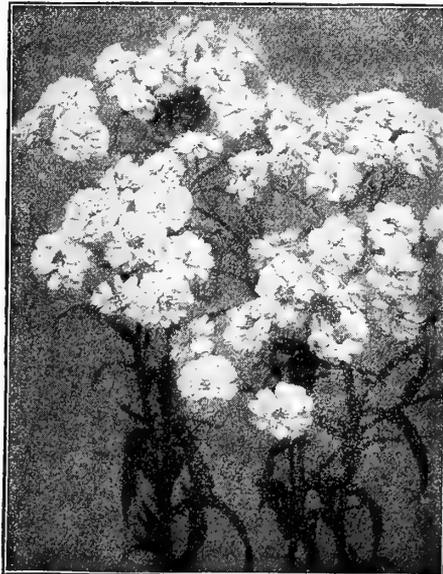
We will be pleased to send our customers on request a leaflet containing valuable cultural hints on

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

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

ACHILLEA (Milfoil, or Yarrow) PER PKT.

- 1021 **Ptarmica "The Pearl."** One of the best hardy white perennials. Grows about 2 feet high and from spring till frost is covered with heads of purest white double flowers. Easily grown from seed. . 25
- 1024 **Millefolium Roseum (Rosy Milfoil).** Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer. 15



ACHILLEA PTARMICA "THE PEARL"

ADLUMIA

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

- 1051 **Cirrhusa.** A graceful hardy biennial climber, but as it resows itself year 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. 15

AGROSTEMMA

(Rose of Heaven, Mullein Pink)

PER PKT.

- 1090 **Coronaria.** An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery-white foliage; fine for cutting; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5
- 1091 — **Alba.** A pure white variety. 10



AGROSTEMMA CORONARIA

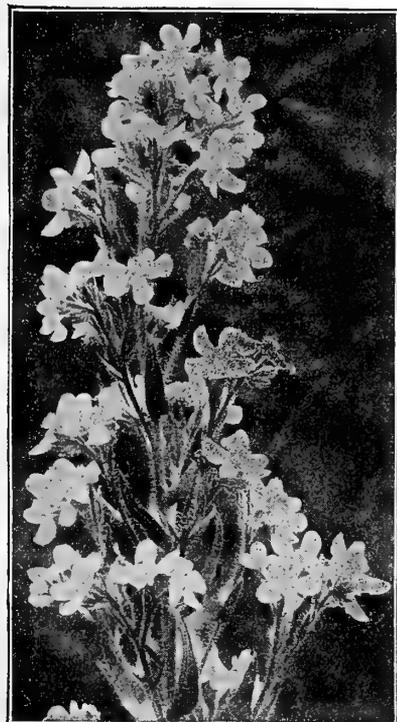
ALYSSUM (Mad Wort)

Pretty little plants for beds, vases, baskets, edging or rockwork; useful also for winter flowering. Very sweetly scented.

- 1101 **Little Gem, or Carpet of Snow.** Of dwarf, compact habit, but 4 inches high. Seed sown during the summer comes into bloom in a few weeks, continuing a solid mass of white to late in autumn, and undoubtedly the best white-flowering edging plant in the list. Per $\frac{1}{4}$ oz., 25 cts.; per oz., 75 cts. 10
- 1104 **Saxatile Compactum (Basket of Gold).** Showy, bright yellow flowers, hardy perennial; excellent for rockwork; 1 foot. Per $\frac{1}{4}$ oz., 40 cts. 10

ANCHUSA (Alkanet)

- 1138 **Italica 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. $\frac{1}{4}$ oz., 50 cts. 15

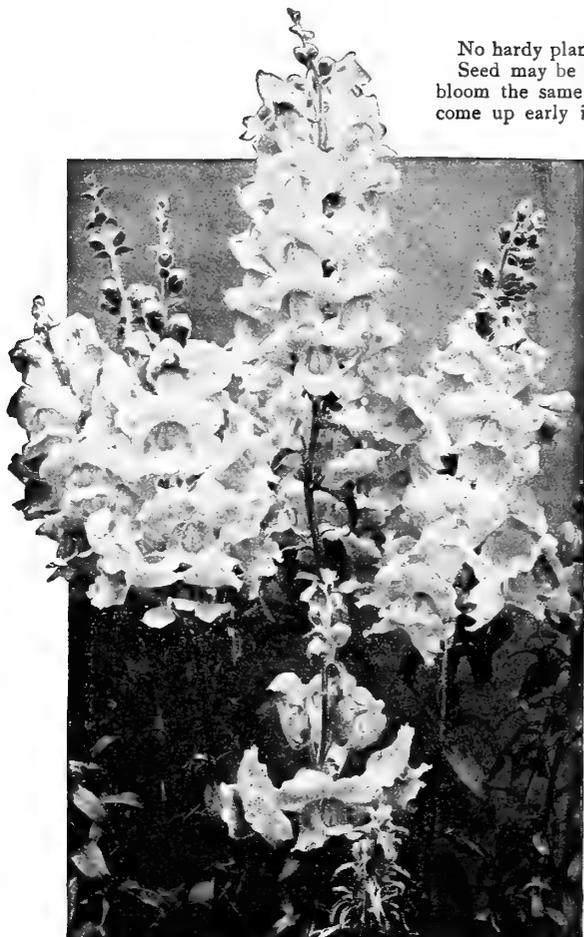


ANCHUSA ITALICA, DROPMORE VARIETY

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 dioms, or more effectively adapted for cut flowers.



DREER'S ANTIRRHINUMS

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 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.

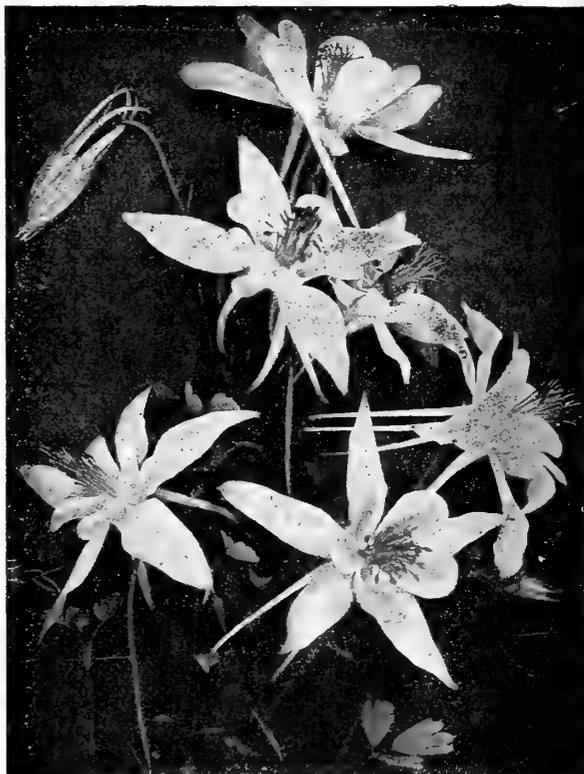
Giant Varieties. Of tall growth, very large individual flowers:

PER PKT.		PER PKT.	
1171 Scarlet	10	1174 Garnet	10
1172 White	10	1175 Pink . Silver pink..	10
1173 Yellow	10	1176 Rose . Rich rose...	10
1179 Collection of a packet each of the above 6 colors..	50		
1180 Giant Mixed . A splendid mixture, containing all the colors. $\frac{1}{4}$ oz., 30 cts...	10		

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. $\frac{1}{4}$ oz., 30 cts.	10
1160 Tall Mixed . The old-fashioned type; fine long spikes, grand for cutting. $\frac{1}{4}$ oz., 25 cts.....	5

	PER PKT.
1181 Californica 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. $\frac{1}{8}$ oz., 30 cts.....	10
1183 Chrysantha (Golden Spurred) . Golden-yellow. $\frac{1}{8}$ oz., 50 cts.....	10
1185 Cœrulea (Rocky Mountain Columbine) . Violet-blue and white; 2 feet.....	15
1186 Cœrulea hybrida . Beautiful hybrids, bearing large flowers in a great variety of colors.....	15
1187 Flabellata nana alba . A dwarf variety from Japan, with fine, glaucous foliage and large white flowers, $\frac{1}{8}$ oz., 30 cts.....	10
1195 Helenæ . Of strong robust growth, bearing numerous flowers of a lovely shade of blue and pure white.....	10
1197 Nivea Grandiflora . A beautiful large pure white. $\frac{1}{4}$ oz., 25 cts.....	5
1198 Vulgaris . The common European Columbine, flowers rich violet-blue; a strong grower. $\frac{1}{4}$ oz., 25 cts.....	5
1199 Collection containing a packet each of the 9 above named sorts.....	65
1206 Dreer's Long-spurred Hybrids . A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 2 pkts., 25 cts.....	15
1207 Double , all colors mixed. Per $\frac{1}{4}$ oz., 25 cts.....	5
1210 Single , all colors mixed. Per $\frac{1}{4}$ oz., 20 cts.....	5



AQUILEGIA OR COLUMBINE

For complete list and cultural notes see our Garden Book for 1920

ANEMONE (Windflower)

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

PER PKT.

- 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. 15

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. ¼ oz., 25 cts..... 10

ARMERIA (Sea Pink or Thrift)

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

HARDY PERENNIAL ASTER

- 1400 **Mixed** (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil; 3 feet. ¼ oz., 50 cts... 10

AURICULA

(*Primula Auricula*)

- 1500 A well-known favorite of great beauty; seed saved from splendid choicemixed varieties; half-hardy perennial; 6 inches 25

Collection of Old-Fashioned Hardy Perennials

- 3549 A packet each of twelve splendid sorts, our selection, 50 cts.



BELLIS (Double Daisy)

BALSAM (*Lady's Slipper*)

This favorite annual can be sown any time during the early summer and will bloom profusely up until frost.

PER PKT.

- 1540 **Double Camellia flowered.** Finest mixed. ¼ oz., 25 cts..... 5

BAPTISIA (*False Indigo*)

- 1541 **Australis.** A beautiful hardy perennial herbaceous plant, producing pea shaped flowers on spikes 6 inches long. Bright blue; 2½ feet 10

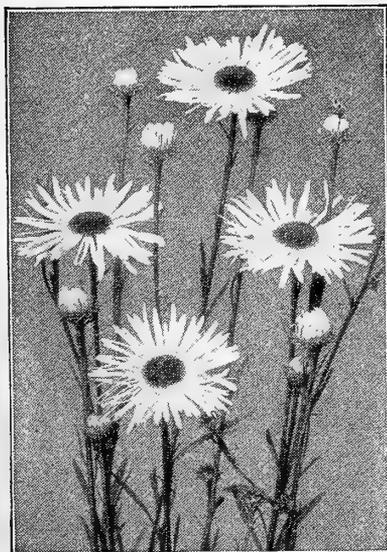


ARABIS ALPINA

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:

- 1594 **Longfellow.** Large, double-pink flowers..... 10
- 1596 **Ranunculiflora Alba.** A splendid type, with densely double pure white flowers, not very large, but very free-flowering..... 15
- 1597 **Ranunculiflora Rosea.** Identical to the preceding except in color, which is a bright rosy pink..... 15
- 1593 **Giant White.** Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster..... 25
- 1591 **Giant Rose.** Same as the above except in color..... 25
- 1598 **The Bride, or Improved Snowball.** A fine large double free-flowering pure white..... 10
- 1595 **Double Quilled.** Double-quilled flowers in mixture, containing red, pink and white..... 25
- 1600 **Double Mixed.** A fine mixture, containing all the colors. ¼ oz., 50 cts... 10



BOLTONIA (offered on page 12)



CALENDULA ORANGE KING

**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.

- 1721 *Carpatica* (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. ¼ oz., 40 cts. 10
- 1720 — *Alba*. The white-flowered form of the above. ¼ oz., 40 cts. 10
- Medium* (*Canterbury Bells*). We offer a complete line of these on the opposite page.
- 1724 *Persicifolia Grandiflora* (*Peach Bells*). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers. 15

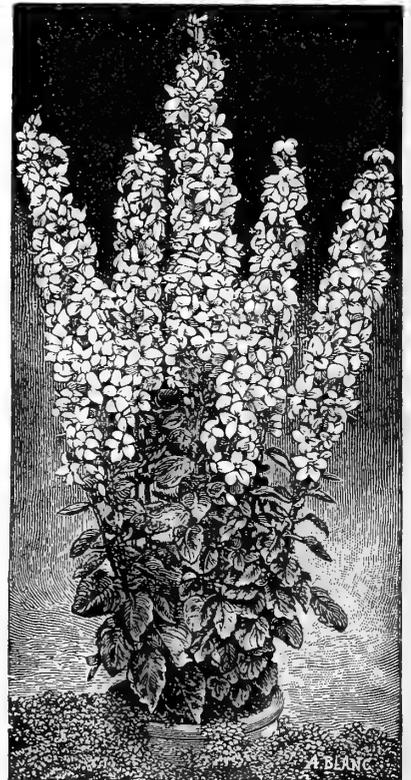


CAMPANULA CARPATICA

- 1725 — — *Alba*. The white flowered Peach Bells. 15

- 1728 *Pyramidalis* (*The Chimney Bell flower*). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. ¼ oz., 50 cts. 10

- 1729 — *Alba*. Same as above, but with white flowers. ¼ oz., 50 cts. 10



CAMPANULA PYRAMIDALIS

BOCCONIA (*Plume Poppy, or Tree Celandine*)

PER PKT.

- 1611 *Cordata*. Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. ¼ oz., 25 cts. 10

BOLTONIA (*False Chamomile*)

- 1615 *Asteroides*. One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with white daisy-like flowers in countless thousands from July to September. 10

CALCEOLARIA

- 1671 *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. 50

CALENDULA (*Pot Marigold*)

One of the best and showiest free-flowering hardy annuals, growing in any good garden soil, can be sown any time during the summer, producing a fine effect in beds or mixed borders, particularly bright in late fall; valuable also for pot culture; blooming freely in winter and early spring; 1 foot.

- 1682 *Orange King*. Very large and double bright orange-red, dark eye, an extra fine strain, with flowers averaging over 3 inches across. Oz., 30 cts. 5
- 1686 *Lemon King*. Very large and extremely double flowers of a pleasing rich lemon-yellow, dark eye. Oz., 30 cts. 5
- 1690 *Mixed*. All double sorts. Oz., 25 cts. 5

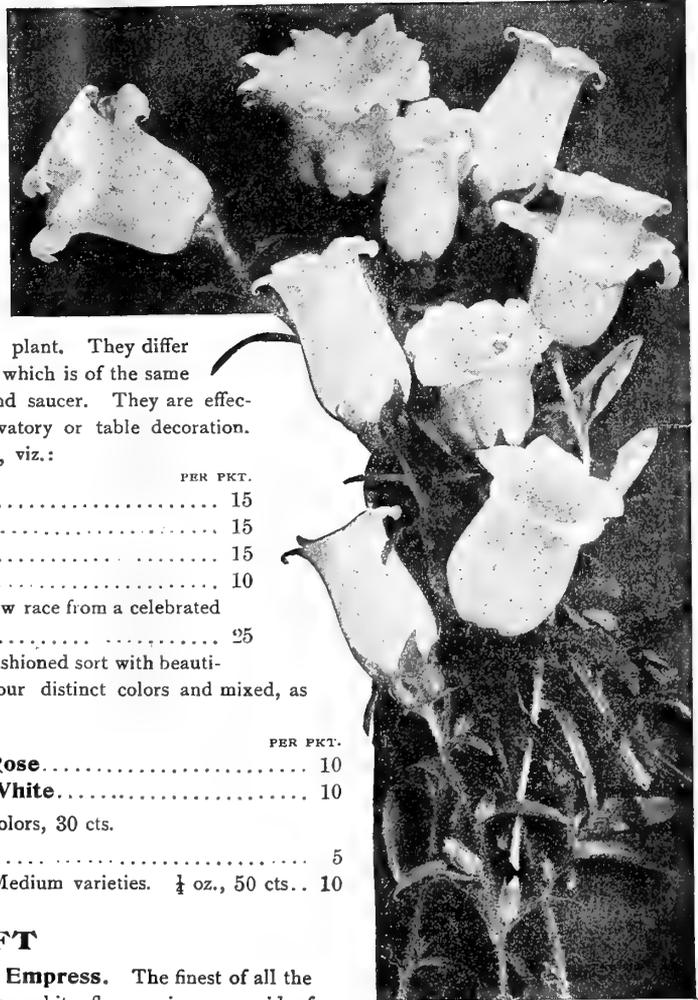
PER PKT.

CANTERBURY BELLS

(Campanula Medium)

The seeds should be sown in finely prepared, rich soil, and if the weather is dry they should be given a thorough watering late every afternoon. The little plants should be transplanted to the places where they are to bloom 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.

Calycanthemum (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors, as well as in mixture, viz.:



CUP AND SAUCER AND SINGLE
CANTERBURY BELLS

- | | |
|---|----|
| 1736 Rose Pink. Delicate rosy-pink..... | 15 |
| 1735 Blue. A fine clear shade..... | 15 |
| 1738 White. Pure white..... | 15 |
| 1740 Finest Mixed. ¼ oz., 75 cts..... | 10 |
| 1734 Double-flowering Cup and Saucer. A new race from a celebrated French hybridizer; contains all colors..... | 25 |
- Medium** (*Single Canterbury Bells*). The old-fashioned sort with beautiful, large bell-shaped blossoms. We offer four distinct colors and mixed, as follows:

- | | | | |
|------------------------------|-------------|-------------------------|-------------|
| 1744 Dark Blue | PER PKT. 10 | 1746 Rose | PER PKT. 10 |
| 1745 Light Blue | 10 | 1747 White | 10 |
- A packet of each of the four colors, 30 cts.
- | | |
|--|----|
| 1748 Single Mixed. All colors. ¼ oz., 25 cts..... | 5 |
| 1741 Double Mixed. All the double-flowering Medium varieties. ¼ oz., 50 cts.. | 10 |

CANDYTUFT

- 1753 **Giant Hyacinth-flowered or Improved Empress.** The finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. Seed sown during the summer gives a fine crop of flowers through the fall months. Per ½ oz., 35 cts.; oz., 60 cts..... 10



DOUBLE BLUE CORNFLOWER

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.

- | | |
|--|----|
| 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., 30 cts. | 10 |
| 1831 Chaubaud'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 |
| 1820 Marguerite Mixed. A quick-flowering strain; double flowers in great variety of colors. ¼ oz., 40 cts..... | 10 |
| 1830 Giant Marguerite Mixed. An improved large-flowering strain. ¼ oz., 50 cts..... | 15 |

CENTAUREA CYANUS (Cornflower)

- These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet, etc.
- | | |
|--|----|
| 1876 Single Blue. The favorite dark blue sort. Per oz., 40 cts..... | 5 |
| 1880 — Mixed. Blue, white, rose, etc. Per oz., 30 cts..... | 5 |
| 1881 Double Blue. Identical in color to the popular single blue variety, 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 |
| 1890 Double-flowered Mixed. All colors, including blue, rose, white, etc. Per oz., 50 cts..... | 10 |

CERASTIUM (Snow in Summer)

PER PKT.

1911 **Tomentosum.** A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. 15

CHRYSANTHEMUM (Shasta and Moonpenny Daisies)

1946 **Maximum King Edward VII** ((*Moonpenny Daisy*)). Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. $\frac{1}{2}$ oz., 30 cts. 10

1948 **Shasta Daisy 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 Mixed.** A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts. 15

COWSLIP

(*Primula Veris*)

2110 **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown edged yellow, etc. Very fragrant; 6 inches. 15

2112 **Invincible Giant.** Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson. 5 pkts., \$1.00 25



CERASTIUM TOMENTOSUM



COREOPSIS LANCEOLATA GRANDIFLORA

COREOPSIS

PER PKT.

2071 **Lanceolata Grandiflora.** This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) $\frac{1}{2}$ oz., 25 cts. 10

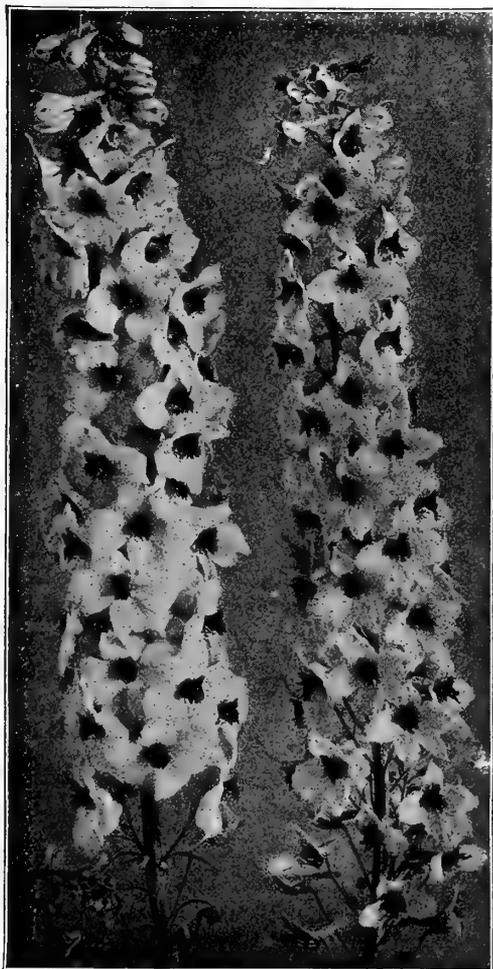


SHASTA DAISY ALASKA

CYCLAMEN

Charming house plants, with beautiful foliage and rich-colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the summer 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
- 2122 **Giant Salmon.** Very bright. 50
- 2125 — **Pure White.** 25
- 2126 — **White** with carmine eye 25
- 2127 — **Dark Blood-red** 25
- 2128 — **Delicate rose** with deep crimson eye. 25
- 2130 — **Finest Mixed.** Saved from a superb collection. Per 100 seeds, \$2.00 25
- 2123 **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



GOLD MEDAL HYBRID DELPHINIUMS.

DELPHINIUM (Hardy Perennial Larkspur.)

Mr. W. C. Egan, the well known amateur and writer on horticultural subjects, says of Delphiniums:

“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, and a week or ten days before planting out time remove the flats to open air, protecting them cold days or nights; this hardens them off and prevents any set-back when planted out.

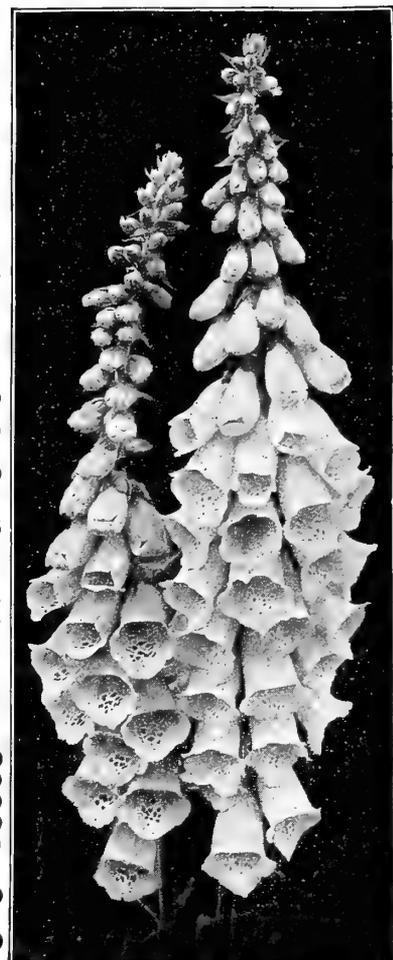
“Spring-sown plants bloom in July and August. They take up very little room, for they may be planted 6 or 8 inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in larger groups in the shrubby border, or to the rear of 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.

PER PKT.

2240 Gold Medal Hybrids. This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids 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. (*Ever-blooming 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 pkts., \$1.00. 25



DIGITALIS (Foxglove.)

- 2242 **Chinese.** (*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, ¼ oz., 30 cts. 10
- 2241 — **Album.** The white flowered form. ¼ oz., 30 cts. 10
- 2246 **Formosum.** Beautiful spikes of rich blue flowers, with a white centre, 2½ feet. ¼ oz., 50. 10
- 2238 **Double Hybrids.** Finest double flowering mixed in great variety of charming colors. ¼ oz., 50 cts. 15

PER PKT.

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 shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxinæflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxina-like flowers on long spikes.

PER PKT.

- 2356—**Purple.** ¼ oz., 40 cts. 10
- 2357—**Rose.** ¼ oz., 40 cts. 10
- 2358—**White.** ¼ oz., 40 cts. 10
- 2360—**Mixed.** All colors, ¼ oz., 30 cts. 10
- 2366 **Grandiflora.** Light yellow flowers in good spikes. ¼ oz., 30 cts. . . . 10
- 2367 **Maculata Superba.** An extra choice strain of beautifully spotted sorts ¼ oz., 30 cts. 10
- 2370 **Monstrosa.** (*Mammoth Foxglove.*) Long spikes surmounted by one enormous flower; very odd; all colors mixed. ¼ oz., 40 cts. 10
- 2371 **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

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.

PER PKT.

- 2340 **Plumarius** (*Grass Pink, Scotch Pink, or Pheasant-eye Pink*). A beautiful single hardy Pink, with fringed edged flowers of various colors. ¼ oz., 50 cts. 10
- 2337 **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. ¼ oz., 75 cts. 15
- 2336 **Plumarius Semperflorens** (*Everblooming Hardy Garden Pinks*). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. . . . 25
- 2342 **Latifolius Atrococcineus 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. 15
- 2343 **Latifolius Double Mixed.** In addition to the brilliant crimson scarlet sort offered above, this mixture contains purple, violet and rose. 10

ERYNGIUM (Sea Holly)

- 2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets. 15

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
- 2443 **Cœlestinum.** One of the best blue perennials, 18 to 24 inches high, and bears from August till frost an abundance of deep lavender-blue, flossy flowers, splendid for cutting. 15
- 2441 **Fraseri.** A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets. 1½ feet. 10



GAILLARDIA GRANDIFLORA

GAILLARDIA (Blanket Flower)

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. Fine for cutting; 2 feet.

PER PKT.

- 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., 50 cts. 15
- 2505 **Grandiflora Copper-red.** A striking new color in this popular perennial. 3 pkts., 50 cts. 20
- 2510 **Grandiflora Superb Mixed.** Our own saving; splendid combinations of crimson and gold in great variety. ¼ oz., 30 cts. 10

GEUM (*Avena*)

- 2541 **Astrosanguineum Fl. Pl.** Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets. ¼ oz., 40 cts. 10

GOLDEN ROD (*Solidago Canadensis*)

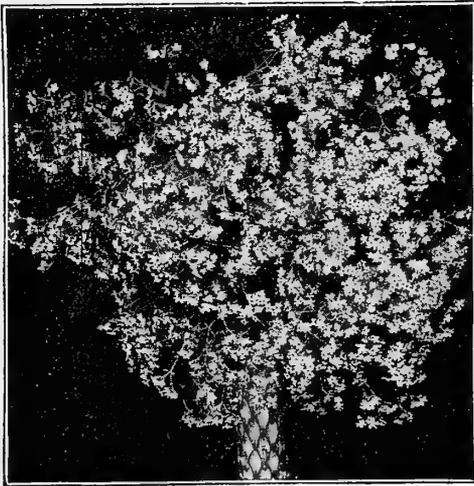
- 2601 The well-known golden-yellow favorite; hardy perennial; 2 to 5 feet. 10

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



DIANTHUS LATIFOLIUS ATROCOCINEUS FL. PL.



GYPSOPHILA PANICULATA

GYPSOPHILA

(Baby's Breath)

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty panicles of bloom are largely used for mixing with other cut flowers.

PER PKT.

2691 **Elegans alba grandiflora.** This is an improved, large-flowering pure white form of the annual Baby's Breath, of free, easy growth. Can be sown at any time through the summer and a crop of flowers picked in a few weeks' time. Per oz., 25 cts. 5

2690 **Elegans Delicate Pink.** A pretty blush pink form of the above and equally as valuable for cutting. Per oz., 30 cts. 5

2694 **Paniculata.** White misty flowers, fine for bouquets; one of the favorite hardy perennials. 1/4 oz., 25 cts. 5

2695 **Paniculata Fl. Pl.** The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts. 20

HELENIUM (Sneeze Wort)

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 feet. 10

2713 **Riverton Gem.** Flowers opening old gold, changing as they mature to wallflower red; 3 feet. 2 pkts., 25 cts. 15

HELIANTHUS (Hardy Perennial Sunflowers)

2710 **Mixed.** Contains the finest single-flowering hardy perennial sorts. As subjects for the hardy border as well as for cutting they are of great value. 15



HEUCHERA

HELIOPSIS (Orange Sunflower)

PER PKT.

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 **Scabra 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

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. 25

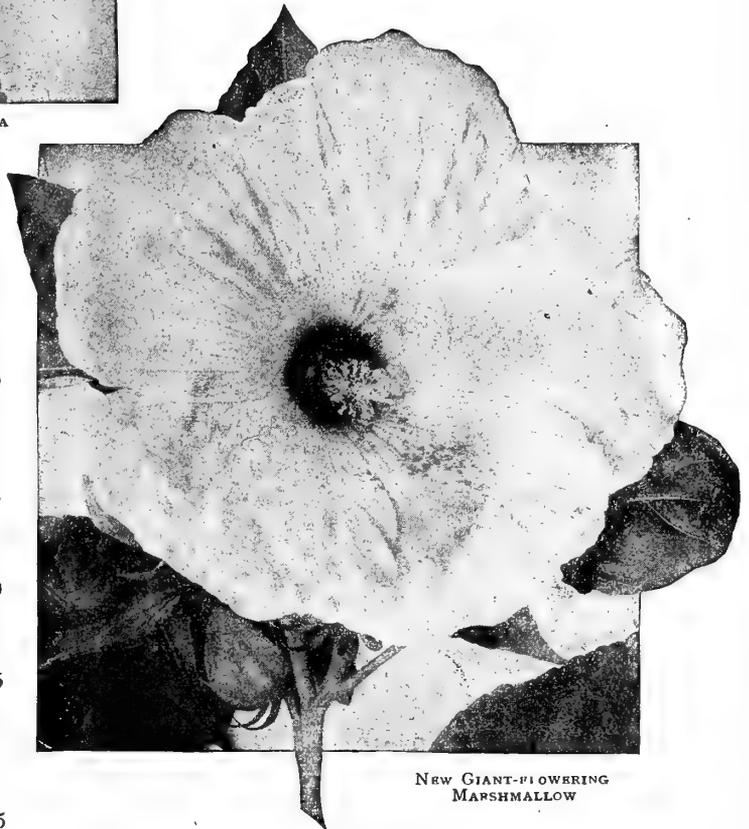
HIBISCUS (Marshmallow)

Showy ornamental perennial plants for mixed beds or shrubby borders, having large-sized beautifully colored flowers.

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 in diameter; of a rich deep cream, with a velvety-maroon centre. 10

2775 **New Giant.** 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. Per 1/4 oz., 30 cts. 10



NEW GIANT-FLOWERING MARSHMALLOW



DOUBLE HOLLYHOCK

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.

DOUBLE VARIETIES

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

- | PER ¼ OZ. PER PKT. | | PER ¼ OZ. PER PKT. | |
|--|-----------------------------------|--------------------|-------|
| 2782 Maroon..... | 40 10 | 2785 Salmon-rose.. | 40 10 |
| 2783 Bright Rose.... | 40 10 | 2786 White..... | 40 10 |
| 2784 Bright Red.... | 40 10 | 2787 Yellow..... | 40 10 |
| 2790 Extra Choice Double Mixed. | 30 cts. per ¼ oz.; \$1.00 per oz. | | |
| 2788 Collection of a packet each of the above 6 colors..... | 50 | | |
| 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. | 30 cts. per ¼ oz.; \$1.00 per oz. | | 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 ¼ oz., 50 cts. | | 15 |

SINGLE VARIETIES

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 offer the following distinct colors, also mixed, viz.:

- | PER PKT. | | PER PKT. | |
|---|----------------|------------------|----|
| 2793 Black Maroon..... | 15 | 2796 Red..... | 15 |
| 2794 Mauve..... | 15 | 2797 White..... | 15 |
| 2795 Pink..... | 15 | 2798 Yellow..... | 15 |
| 2800 Mixed. All colors. | ¼ oz., 30 cts. | | 10 |
| 2799 Collection of a packet each of the six colors..... | 75 | | |

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 Kämpferi (*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. ¼ oz., 25 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 variety..... 15
 - 2955 — Pink Beauty. Rosy pink..... 10
 - 2960 — Mixed. All colors. Per oz., 50 cts..... 10

LAVENDER (Lavandula Vera)

- 2971 Well-known, sweet scented, hardy perennials, should be extensively grown in the mixed border; 3 feet..... 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

LINUM (Flax)

- 3003 Perenne. Hardy perennial variety, with bright blue flowers; 18 inches. ¼ oz., 25 cts..... 10



IRIS KÄMPFERI (Japanese Iris)

LOBELIA

PER PKT.

3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plants; 3 feet. 15

LUPINUS (*Lupine*)

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

3052 **Rose** 10 | 3054 **Blue** 10
 3053 **White** 10 | 3055 **Moerheimi**. Rose and pink 15

A packet each of the above 4 colors, 35 cts.

3058 **Mixed**. All colors. Oz., 30 cts. 5

NEW HYBRID HARDY LUPINES

3060 These are the result of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue, white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England. 25 cts. per pkt.; 5 pkt. for \$1.00.

LYCHNIS (*Rose Campion, Jerusalem Cross*)

Handsome hardy perennial plants of easy culture, for massing in beds and borders.

3061 **Chalcedonica**. Fine scarlet flowers; 2 feet. ¼ oz., 25 cts. 5

3062 **Haageana**. Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot 15

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

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



LYCHNIS CHALCEDONICA



LUPINUS POLYPHYLLUS (Hardy Lupine)

MARIGOLD

These favorite free flowering annuals can be sown up to the end of July and will give a good crop of flowers within 8 weeks.

3088 **Collection Double African**. Containing a packet each of 6 fine varieties, 50 cts. PER PKT.

3090 **Double African Mixed**. Containing all of the colors; 2 to 3 feet. Per ¼ oz., 25 cts. 5

3098 **Collection Double French**. Containing a packet each of 6 beautiful varieties, 40 cts.

3100 **French Mixed**. A splendid mixture saved from fine double flowers; all colors. Per ¼ oz., 25. 5

MIGNONETTE (*Reseda*)

No garden is complete without a bed of Mignonette; sowings made in July will flower 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. ¼ oz., 25 cts. 10

3153 **Golden Machet**. Spikes of golden-yellow blossoms. ¼ oz., 25 cts. . 10

3154 **Goliath**. Giant trusses of flowers borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. ¼ oz., 50 cts. 15

3157 **Large-flowering Pyramidal**. Flowers large, of a reddish tint. A good variety for the open ground. ¼ oz., 20 cts. 5

3158 **Machet**. Of dwarf pyramidal growth, very fragrant; one of the best. ¼ oz., 25 cts. 10

3161 **Parson's White**. Pure white, fragrant. ¼ oz., 20 cts. 5

3162 **Salmon Queen**. Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant. ¼ oz., 25 cts. 10

3163 **Sweet-scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. 5



MYOSOTIS (Forget-Me-Not)

MYOSOTIS

(Forget-Me-Not)

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time during the 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.

PER PKT.

- 3231 **Alpestris Royal Blue.** Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. $\frac{1}{2}$ oz., 40 cts..... 10
- 3233 — **Robusta Grandiflora.** Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. $\frac{1}{2}$ oz., 40 cts..... 10
- 3235 — **Victoria.** A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed. $\frac{1}{2}$ oz., 50 cts..... 10
- 3239 — **Mixed.** A mixture of blue, rose and white-flowered varieties. Per $\frac{1}{2}$ oz., 30 cts..... 5
- 3236 **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..... 25

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

PENTSTEMON (Beard Tongue)

Highly useful and attractive perennials in the hardy border.

PER PKT.

- 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 pkts., 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

HARDY PERENNIAL PHLOX (P. Decussata)

- 3641 Our collection of these is most extensive. Seed should be sown as soon as ripe. Order now and we will send *as soon as harvested, which is usually about the end of October.* Supplied in mixed colors only. $\frac{1}{4}$ oz., 50 cts..... 10

PHYSALIS

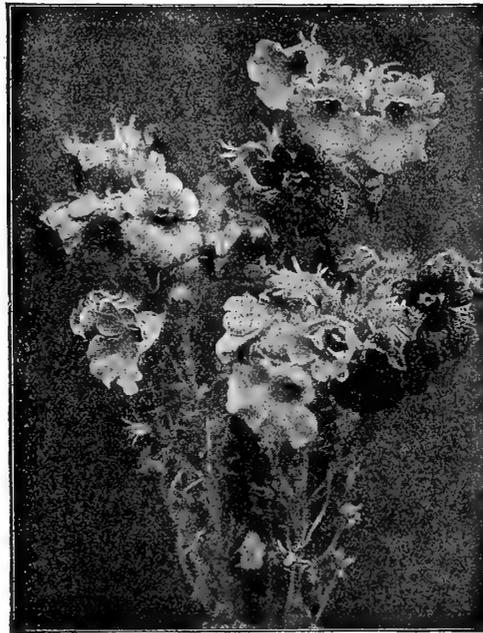
(Chinese Lantern Plant)

- 3646 **Francheti.** An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting..... 10

PHYSOSTEGIA

(False Dragon Head)

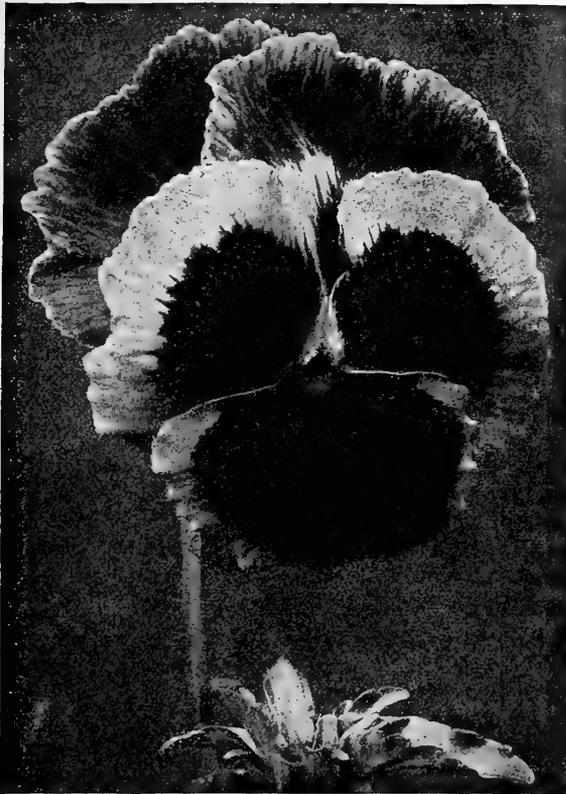
- 3651 **Virginica.** One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. Per $\frac{1}{4}$ oz., 30 cts..... 10
- 3652 — **Alba.** A pretty white flowered form of the above..... 10



NEMESIA, DWARF LARGE-FLOWERING



PENTSTEMON GLOXINOIDES "SENSATION"



TYPICAL FLOWER OF DREER'S ROYAL EXHIBITION PANSY

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, straggling branches which produce few and inferior flowers.

flowers. During dry weather the bed should be watered daily, and in extreme cases twice a day for the best results. "Seed sown in April or May will produce blooming plants by the last of June, which will give an abundance of flowers throughout the remainder of the season. About the middle of August is the best time for starting Pansy seeds for early spring blooming, as this allows the plants to go into winter in vigorous condition."

PANSIES IN MIXTURE

	PER PKT.		PER PKT.
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 packets of 2000 seeds, \$1.50; regular packet.....	50	3512 Cassier's Giant. A grand mixture of the finest blotched varieties; splendid in every way, being large in size and rich in coloring. $\frac{1}{8}$ oz., \$1.00	25
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. $\frac{1}{8}$ oz \$1.00	25	3517 Mme. Perret. A new and beautiful strain; originated with a French specialist; flowers of large size, borne very freely in great diversity of colors, especially rich in red and wine shades. The stock we offer comes direct from the introducer. $\frac{1}{8}$ oz., 75 cts.....	25
3516 Masterpiece (Fringed Pansy). A remarkable type each petal being conspicuously curled or waved. The range of color is very extensive; the rich, dark, velvety shades predominating. $\frac{1}{8}$ oz., \$1.00.....	25	3513 Giant Parisian. Of very large size and containing a great many fancy colors. $\frac{1}{8}$ oz., 75 cts.....	15
3500 Giant Trimardeau. All colors. Per $\frac{1}{8}$ oz. \$1.00	10	3515 English Finest Mixed. $\frac{1}{8}$ oz., \$1.00.....	10
		3520 Good Mixed. All colors. $\frac{1}{8}$ oz., 75 cts.....	5

GIANT TRIMARDEAU PANSIES

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.

	PER PKT.		PER PKT.
3488 Giant Golden Queen. Pure, rich yellow.....	15	3496 Giant Snow Queen. Pure white, small yellow eye, 15	
3493 Giant Royal Purple. Rich royal blue.....	15	3497 Giant White. Pure white, with purple eye.....	15
3491 Giant Lord Beaconsfield. Deep purple violet, shading to white,.....	15	3498 Giant Yellow. Rich yellow, with dark centre....	15
		3499 Collection, containing a packet each of above 6 sorts, 75 cts.	

TUFTED PANSIES, OR VIOLAS

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.

	PER PKT.		PER PKT.
4401 Papilio (Butterfly Violet). Lovely violet-lilac, with small, dark eye.....	15	4405 White Perfection. A fine pure white.....	15
4402 Lutea Splendens. Rich golden yellow.....	15	4410 Mixed. A splendid mixture of the best varieties, $\frac{1}{8}$ oz., 75 cts.....	10
4403 Blue Perfection, Deep purplish blue.....	15		

For complete list and cultural notes see our Garden Book for 1920



ORIENTAL POPPY

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.

PER PKT.

- 3663 **Grandiflorum.** Large steel blue flowers. ¼ oz., 40 cts. 10
- 3664 — **Album.** Pure white variety. ¼ oz., 40 cts. 10
- 3662 **Mariesi.** Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ 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



PLATYCODON GRANDIFLORUM

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 issue 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. ¼ oz., 30 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

Hardy Perennial Oriental Poppies

Oriental Poppies can be sown any time during the summer and early autumn. 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.

PER PKT.

- 3747 **Oriente** (*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. ¼ oz., 30 cts. 10
- 3742 **Gerald Perry.** One of the most beautiful Oriental Poppies yet raised, large flowers of a uniform shade of apricot-pink, conspicuously blotched crimson. 25
- 3750 **Oriental Mixed Hybrids.** Saved from a large number of named sorts. ¼ oz., 50 cts. 15

Polyanthus (*Primula Elatior*)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

- 3677 **Invincible Giant.** Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 5 pkts., \$1.00 25
- 3680 **English Mixed.** A fine grade; all colors. ¼ oz., 30 cts. 10



ICELAND POPPIES

For complete list and Cultural Notes see our Garden Book for 1920

PRIMULA (Primrose)

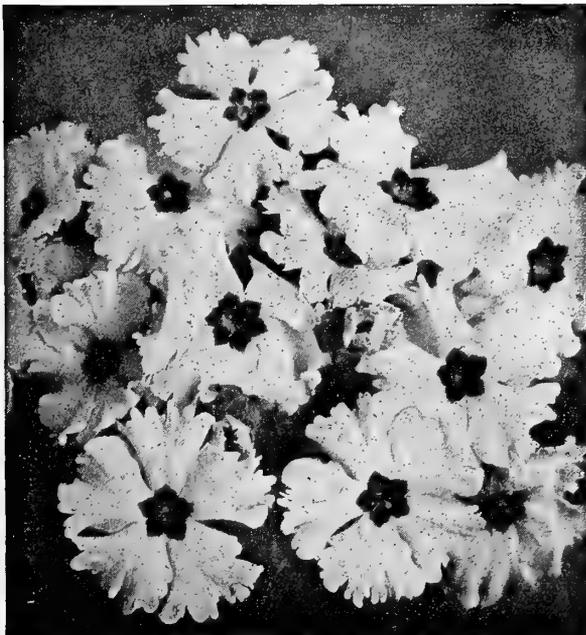
The charming and beautiful Chinese fringed Primroses and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter-blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains obtainable. Florists and others report that they have never seen finer flowers than those produced from our seed. Can be sown at any time through the summer. The hardy varieties offered are also deserving of wide cultivation.

FRINGED CHINESE PRIMROSES

- | | PER PKT. |
|---|----------|
| 3782 Alba Magnifica. A magnificent pure white..... | 25 |
| 3783 Covent Garden Red. A fine rosy-red..... | 25 |
| 3785 Covent Garden White. A very free-flowering pure white.. | 25 |
| 3786 Crimson King. Rich luminous crimson; very effective..... | 50 |
| 3787 Rosy Morn. Beautiful delicate pink..... | 50 |
| 3790 Stellata. A very pretty form with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes | 25 |
| 3791 Giant Flowering. This magnificent strain is quite distinct from the regular type, being of much more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory this is unequalled. 3 pkts. for \$1.00 | 35 |
| 3800 Dreer's Choicest Mixed. This mixture contains nothing but the finest-fringed large-flowering sorts, and cannot fail to give entire satisfaction..... | 25 |

VARIOUS PRIMROSES

- | | |
|--|----|
| 3824 Kewensis. 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 | 25 |
| 3826 Malacoides (Improved Baby Primrose). A fine house plant, flowers delicate lilac..... | 25 |
| 3827 — Alba. A new white-flowering form..... | 25 |



LARGE-FLOWERING CHINESE PRIMROSE



PRIMULA OBCONICA GRANDIFLORA

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 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 newer Gigantea type.

- | | PER PKT. |
|---|----------|
| 3811 Obconica Gigantea Kermesina. Rich crimson.. | 25 |
| 3812 — — Rosea. Pure rose color..... | 25 |
| 3815 — — Mixed. All colors..... | 20 |
| 3816 — Grandiflora alba. Pure white..... | 20 |
| 3817 — — Kermesina. Bright crimson..... | 20 |
| 3818 — — Rosea. Beautiful clear rose..... | 20 |
| 3819 — — Appleblossom. Soft pink..... | 20 |
| 3820 — — Mixed. All colors..... | 15 |

HARDY PRIMROSES

These are among the best of the early spring-blooming plants, With a slight protection they will stand the winter, but will do better if protected by a cold frame.

- | | |
|--|----|
| 1500 Auricula. A well-known favorite of great beauty; seed saved from splendid choice-mixed varieties; 6 inches.. | 25 |
| 3825 Japonica (Japanese Primrose). Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors..... | 15 |
| 3830 Vulgaris (English Primrose). Canary-yellow, fragrant..... | 15 |
- (See also Cowslip and Polyanthus)

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 rosy-purple, pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc..... | 10 |
|---|----|

PYRETHRUM

Too much cannot be said in favor of this grand hardy perennial, which will thrive in any good garden soil where there is good drainage and full exposure to the sun.

PER PKT.

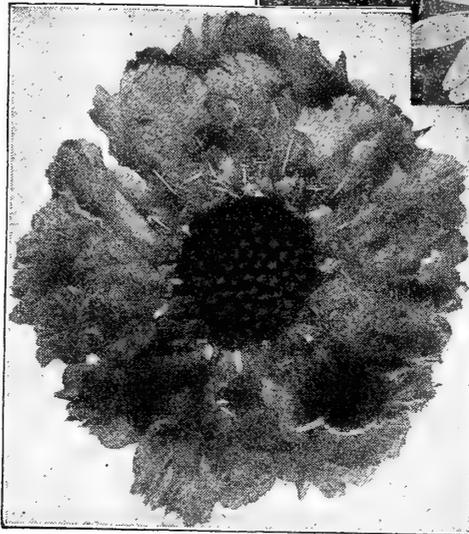
- 3846 **Hybridum.** Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers. Per $\frac{1}{4}$ oz., 75 cts. 10
- 3847 **Hybridum Grandiflorum.** A large flowering form of the above; mixed colors. 15
- 3845 **Hybridum Fl. Pl.** Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; $1\frac{1}{2}$ feet. 25
- 3851 **Uliginosum (Giant Daisy).** 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. 15



PYRETHRUM HYBRIDUM

RUDBECKIA (Cone Flower)

- 3903 **Purpurea (Giant Purple Cone-flower).** A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across. 10



SCABIOSA CAUCASICA

SAPONARIA

(Bouncing Bet)

PER PKT.

- 3939 **Caucasica flore pleno (Double-flowering Bouncing Bet).** A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches. 10

SCABIOSA

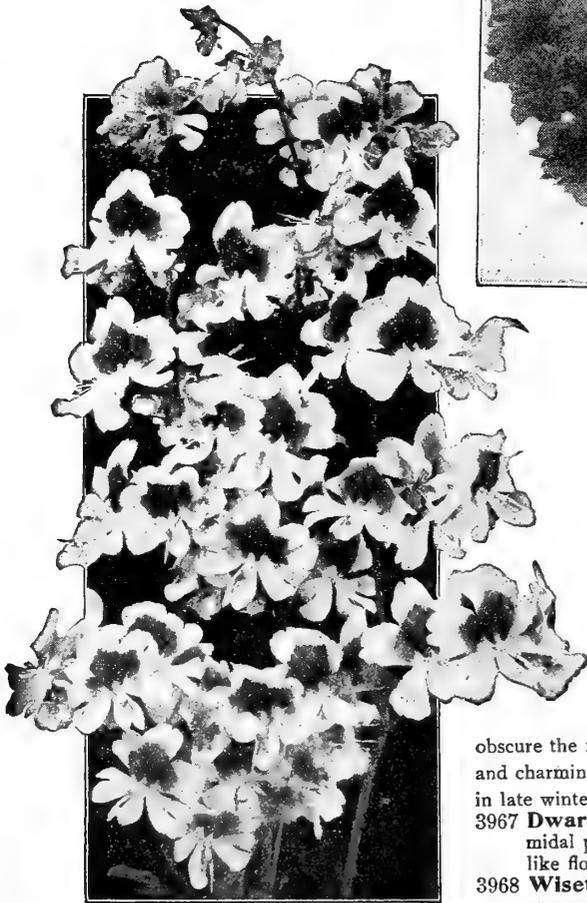
- 3941 **Caucasica (Blue Bonnet).** One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet. $\frac{1}{4}$ oz., 40 cts. 15
- 3942 **Japonica.** A variety from Japan, forming bushy plants, $2\frac{1}{2}$ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower. $\frac{1}{4}$ oz., 25 cts. 10

SCHIZANTHUS (Butterfly or Fringe Flower)

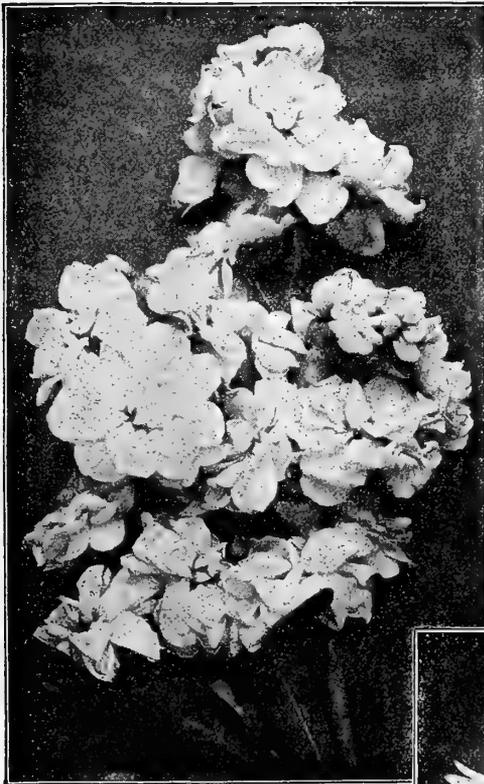
This is one of the airiest and daintiest flowers imaginable. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely

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 splendid type, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. $\frac{1}{4}$ oz., 50 cts. 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



SCHIZANTHUS (Butterfly or Fringe Flower)



STOCKS MAMMOTH BEAUTY

SIDALCEA

Hardy perennials of considerable beauty for the border, growing from 3 to 5 feet high and producing their showy, satiny flowers during June and July; blooms well either in sun or partial shade, of easy culture, succeeding in any ordinary garden soil.

PER PKT.

3974 **Candida.** A very pretty white flowering variety; 2 to 3 feet. . . . 10

3975 **Rose Queen.** A new variety and one of the finest hardy perennials, develops spikes 5 feet high covered with large brilliant rose-colored flowers. 2 pkts., 25 cts. 15

3976 **Rosy Gem.** Of dwarf habit, not over 3 feet high, and pretty bright rose flowers 10

SMILAX (*Myrsiphyllum Asparagoides*)

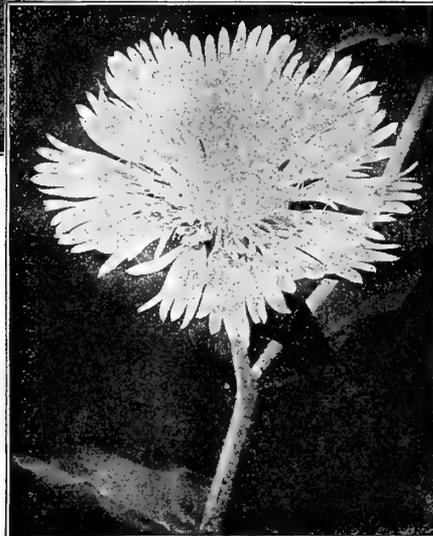
3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. $\frac{1}{4}$ oz., 30 cts. 10

STOKESIA (Cornflower Aster)

4051 **Cyanea.** A beautiful hardy perennial. Grows about 24 inches high, 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. $\frac{1}{4}$ oz., 30 cts., 10

4052 **Cyanea alba.** A pure white-flowering form, identical to the popular blue variety in every way except color. $\frac{1}{4}$ oz., 40 cts., . . . 10

4060 **Cyanea Mixed.** Containing many new colors. 2 pkts., 25 cts., 15



STOKESIA (CORNFLOWER ASTER)

MAMMOTH 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.

PER PKT.

- 4043 **Beauty of Nice.** Delicate flesh-pink 15
 4044 **Crimson King.** Rich blood-crimson 15
 4045 **Mont Blanc.** Purest white 15
 4046 **Monte Carlo.** Canary-yellow 15
 4047 **Queen Alexandra.** Soft rosy-lilac 15
 4048 **Summer Night.** Rich deep blue 15
 4049 **Collection of 6 colors.** 60
 4050 **Choicest Mixed.** All colors. $\frac{1}{4}$ oz., 75 cts. 10

CUT-AND-COME-AGAIN STOCKS

Splendid perpetual-blooming class; they throw out numerous side branches, all bearing very double, fragrant flowers,

- 4031 **Princess Alice.** White 15
 4032 **La France.** Rose 15
 4033 **Brilliant.** Blood-red 15
 4034 **Sapphire.** Dark blue 15
 4035 **Creole.** Creamy-yellow 15

4036 **May Queen.** Delicate lilac 15

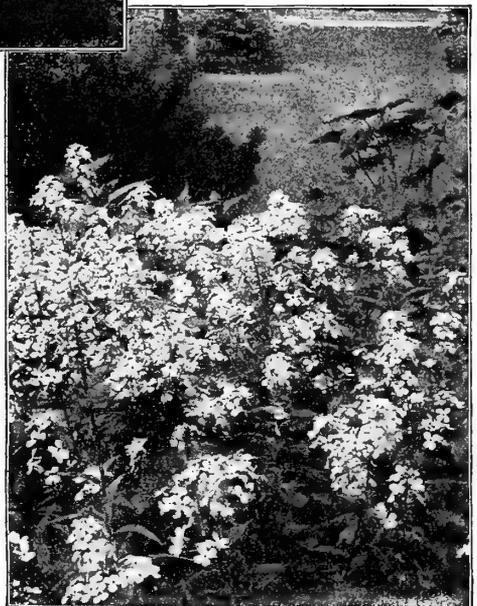
4040 **Finest Mixed.** All colors. $\frac{1}{4}$ oz., 75 cts. 10

4039 **Collection of a packet** each of the 6 colors 60

SWEET ROCKET

(Hesperis)

4278 Old fashioned garden plant; 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., 40 cts. 5



SWEET ROCKET

SWEET WILLIAM (*Dianthus Barbatus*)

(London Tufts)

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.

- | | | | |
|--|----------|------------------------------------|----------|
| 4286 Single Velvety Maroon ... 5 | PER PKT. | 4283 Single Crimson 5 | PER PKT. |
| 4288 — White 5 | 5 | 4285 — Scarlet 5 | 5 |
| 4290 Single Mixed . All colors. Per ¼ oz., 20 cts..... 5 | | | |
| 4282 Newport Pink . A distinct new 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 pkts., 25 cts..... 15 | | | |
| 4281 Scarlet Beauty . A very effective, rich deep scarlet variety. 2 pkts., 25 cts..... 15 | | | |
| 4291 Holborn Glory . This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. ¼ oz., 25 cts..... 10 | | | |
| 4297 Double Mixed . All colors. ¼ oz., 30 cts.... 10 | | | |
| 4296 Giant Double . A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. ¼ oz., 50 cts..... 15 | | | |
| 2342 Latifolius Atrococcineus, Fl. Pl. (<i>Everblooming Hybrid Sweet William</i>). A brilliant crimson scarlet variety that is very effective in any position, and one of the best perennials in the list..... 15 | | | |

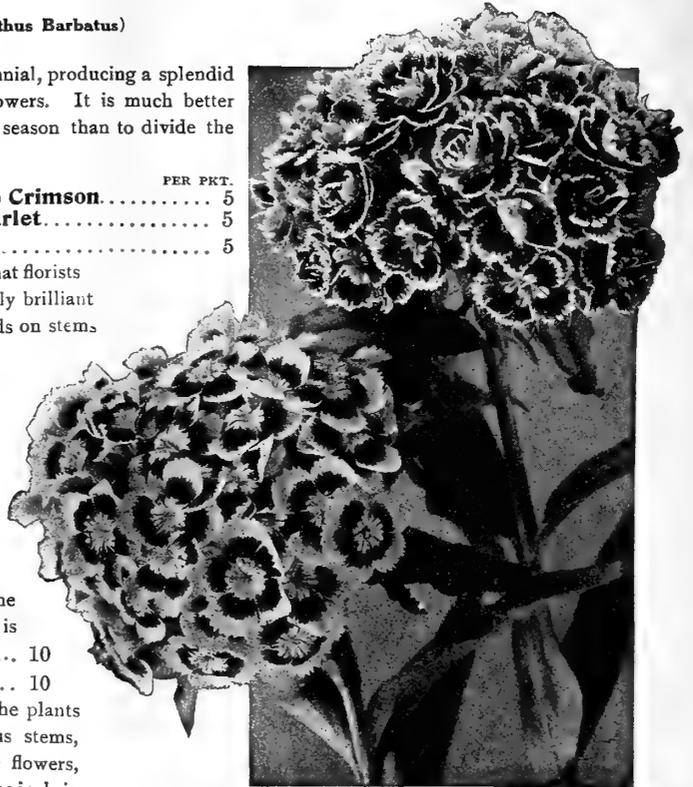
STATICE (*Sea Lavender*)

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 **Latifolia**. Purplish-blue flowers..... 10
 4000 **Mixed**. Containing many sorts..... 10



STATICE LATIFOLIA



DOUBLE AND SINGLE SWEET WILLIAM

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

- 4330 **Hybrida**. The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. The seed we offer has been saved from a fine collection. 2 pkts., 25 cts... 15

TUNICA

- 4335 **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..... 10

VALERIANA (*Valerian*)

- 4340 **Rubra, Mixed**. Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed, 2 feet. ¼ oz., 25 cts..... 10

VERONICA (*Speedwell*)

- 4376 **Spicata**. An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July... 10

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.

- 4415 **Paris Extra Early**. A beautiful single variety, which may be treated as an annual. ¼ oz., 25 cts..... 10
 4414 **Goliath**. A splendid single variety; flowers of a rich, shining red, with a black velvety sheen..... 10
 4420 **Single Mixed**. All colors. ¼ oz., 20 cts..... 5
 4430 **Double Finest Mixed**..... 10
 4419 **Collection** of Single Wallflower; 6 colors..... 40

For complete list and cultural notes see our Garden Book for 1920

DREER'S RELIABLE BULBS

FOR WINTER AND EARLY SPRING FLOWERING

We offer on this and the following eight pages a list of the more important bulbs for blooming during the late winter and early spring months. Most of these bulbs are grown in Europe, and as conditions there are becoming more normal, we expect to receive our supplies almost as usual, probably early September.

 **Send in your order now and they will be forwarded as soon as the bulbs reach us.**

Our complete Catalogue of Spring-flowering Bulbs will be sent out as usual during the first days of September.

DREER'S MIXED DUTCH HYACINTHS

We offer two grades of mixtures—our "Rainbow" and "Popular." Both are good, and we feel confident that nothing better can be had at the prices quoted. We recommend the single-flowering sorts as giving the best and most uniform results.

"RAINBOW" MIXTURE

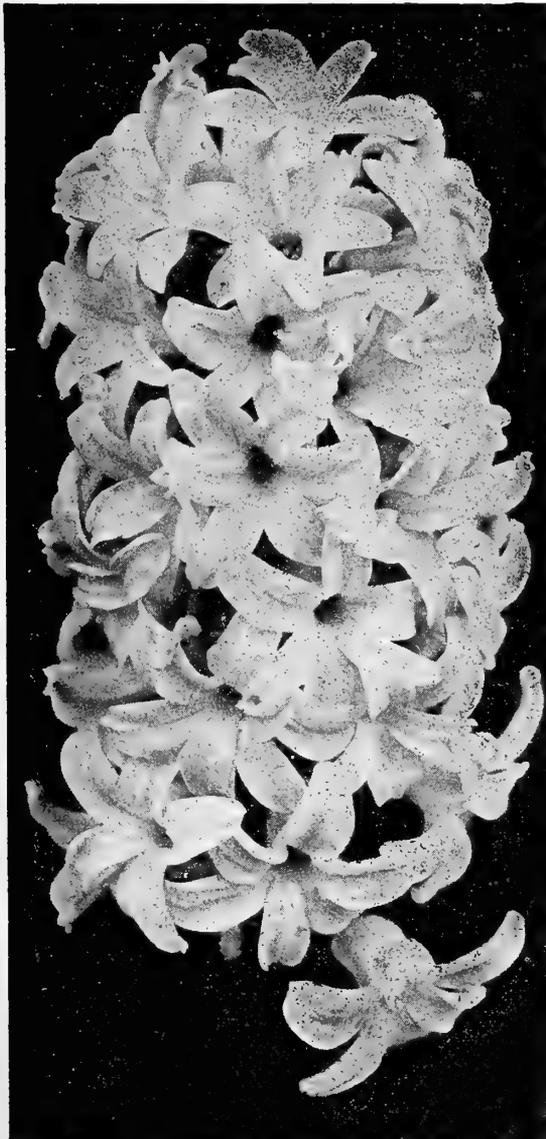
The finest grade of mixtures imported. We can supply them in Single or Double in the following colors: Dark Red, Rose, Pure White, Blush White, Light Blue, Dark Blue, Yellow. 12 cts. each; \$1.25 per doz.; \$8.00 per 100; \$75.00 per 1000.

"POPULAR" MIXTURE

A very good grade and quite satisfactory for outdoor planting. Can be supplied in Single or Double: Dark Red, Rose, Pure White, Blush White, Light Blue, Dark Blue or Yellow. 8 cts. each; 80 cts. per doz.; \$6.00 per 100; \$50.00 per 1000.

DUTCH ROMAN OR MINIATURE HYACINTHS

These are small bulbs of the single-flowering Dutch Hyacinths, and excellent for growing in pans, pots or boxes, blooming early and freely. They may be planted close together in the pans, pots or boxes, or in beds in the open ground, with charming effect.



SINGLE DUTCH HYACINTHS

Gertrude. Deep rose.

Gigantea. Soft blush or shell pink.

La Victoire. Brilliant rosy-crimson.

Grandeur a'Merveille. Blush white.

La Grandesse. Snow white.

L'Innocence. Purest white.

Grand Maitre. Deep porcelain-blue.

King of the Blues. Rich, deep blue.

Queen of the Blues. Silvery azure-blue.

Price. Any of the above named varieties, 7 cts. each; 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

If wanted by Parcel Post, add postage in accordance with note at foot of page.

Dreer's Prize Winning Collection of Exhibition Hyacinths

While all the named Hyacinths offered on the following page are strictly first class in every particular, the twelve single flowering sorts offered below are supplied in largest size bulbs or "top roots," and always produce massive, well-filled spikes, and are invariably included in the winning sets at the various exhibitions.

Arentine Arendsen. A grand snow-white, perfect in every way.

Enchantress. Beautiful sky-blue, shading lighter towards the centre, one of the finest light blue varieties.

Gertrude. An old variety; but still one of the very best; color bright rosy pink.

Grande Blanche. Fine spikes and very large bells; color, blush white.

Grande Maitre. Rich deep lavender-blue, shaded darker; a very popular sort.

King of the Blues. This is considered the finest of the rich deep blue varieties.

L'Innocence. Pure white, bells and truss of largest size; the best all round white; always does well.

Lady Derby. Lovely rose pink; splendid in every way.

La Victoire or Victory. Magnificent spikes of brilliant rosy crimson.

Queen of the Blues. Charming silvery azure blue; extra fine.

Queen of the Pinks. Extra large bells and massive spikes; a lively tone of rosy pink; extra fine.

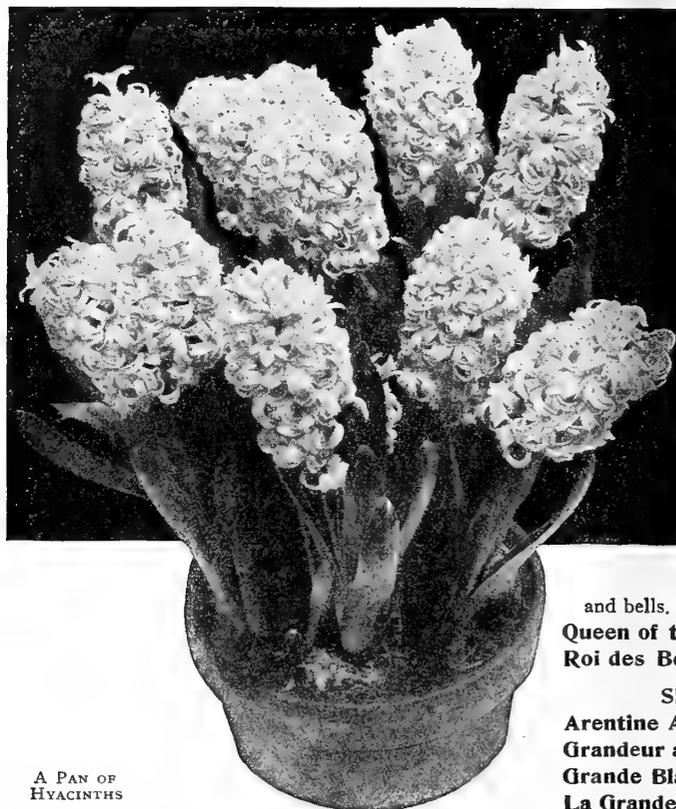
Yellow Hammer. Rich yellow color, very pronounced; fine spike and bells.

Price: Any of the above, 30 cts. each; \$3.00 per doz.

One each of the 12 Prize Winning sorts for \$3.00.

If wanted by Parcel Post add postage in accordance with note at foot of page.

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.



A PAN OF
HYACINTHS

SELECT SECOND SIZE NAMED HYACINTHS

These are a little smaller than our Extra Selected first-size bulbs, and are fine-flowering stock, and admirably adapted for pot culture and high-grade bedding where distinct shades of color are desired.

SINGLE RED, ROSE AND PINK

Gertrude. Deep rose pink; extra fine erect truss.

Gigantea. Soft blush-pink; very large spike of closely-set bells.

Lady Derby. A beautiful soft rose-pink.

La Victoire. Brilliant rosy crimson.

Moreno. A beautiful lively pink; very large spike and bells.

Roi des Belges. Brilliant crimson-scarlet.

SINGLE PURE AND TINTED WHITE

Arentine Arendsen. Snow white; a fine sort.

Grandeur a' Merveille. One of the finest blush-white varieties.

L'Innocence. Deservedly the most popular pure white.

La Grandesse. Considered the finest of all whites.

Mme. van der Hoop. Pure waxy white; very large bells.

SINGLE BLUE, LAVENDER AND PURPLE

Enchantress. Sky-blue, with lighter centre; one of the finest.

Grand Maitre. Deep lavender, shaded darker.

King of the Blues. The finest of the rich deep blue varieties.

Marie. A very good rich purplish-blue bedding sort.

Queen of the Blues. Clear silvery azure-blue; in splendid trusses.

Price. Any of the above Select Second-size Hyacinths, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

EXTRA SELECTED FIRST-SIZE HYACINTHS

The varieties enumerated below have been selected for their distinct coloring and free-flowering qualities, and are all **Extra Selected First-size Bulbs**, specially suited for growing in pots or glasses, or for high-grade bedding.

We particularly recommend the Single-flowering sorts as being the most likely to produce the finest and largest spikes of bloom.

Complete cultural directions are given in our book "Hints on the Growing of Bulbs." Price, 25 cts. per copy or free to customers if asked for at time of ordering.

SINGLE RED, ROSE AND PINK

General de Wet. A beautiful shade of light rose.

Gertrude. Bright, rosy pink.

Gigantea. One of the best blush pink varieties.

Lady Derby. A charming tone of rose-pink.

La Victoire, or Victory. Brilliant rosy-red.

Moreno. A beautiful lively pink; very large truss,

and bells.

Queen of the Pinks. A lovely tone of rosy-pink large bells.

Roi des Belges. Brilliant crimson scarlet.

SINGLE, PURE AND TINTED WHITE

Arentine Arendsen. Pure snow white.

Grandeur a' Merveille. Fine blush-white.

Grande Blanche. A splendid blush-white.

La Grandesse. An extra fine pure white.

L'Innocence. The most popular of the pure whites for bedding and forcing.

Mme. van der Hoop. Pure waxy white; very large bells.

Queen Emma. Forms a big truss; color waxy-white.

SINGLE BLUE, LAVENDER, PURPLE, Etc.

Enchantress. Sky-blue shading lighter to the centre.

Grand Maitre. Rich, deep lavender-blue shaded darker.

King of the Blues. A grand rich dark lustrous blue.

Marie. Rich purple-blue; enormous spike; erect habit.

Perle Brillante. Very large bells and spikes of light sky-blue; inside of petals lighter.

Queen of the Blues. A beautiful silvery azure-blue.

SINGLE YELLOW SHADES

Primrose Perfection. A splendid bright primrose-yellow; very large bells.

Yellow Hammer. Pure yellow and one of the best.

DOUBLE RED, ROSE, Etc.

Chestnut Blossom. Bright rose-pink.

President Roosevelt. Bright lively pink; very large truss.

DOUBLE PURE AND TINTED WHITE

Isabella. The finest double blush-white; large bells and spike.

Double La Grandesse. The double flowering form of the well-known single pure white; extra fine.

DOUBLE BLUE, LAVENDER, Etc.

Bloksberg. Finest light porcelain blue.

Garrick. Deep azure-blue; very large spike.

DOUBLE YELLOW

Sunflower. Considered the finest double pure yellow.

Price. Any of the first size named Hyacinths offered above, 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

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Select Single Early Tulips

The Tulip is always attractive from its beauty and brilliancy of color; and is one of the popular early spring flowers. A few bulbs scattered here and there produce but little effect, but when planted in masses or in groups, they become at once grand and brilliant, and eclipse in variety of coloring and picturesque effect almost any other flower.

Artus. Bright deep scarlet, 60 cts. per doz.; \$4.50 per 100.

Belle Alliance. One of the most popular scarlets for bedding; always does well. 70 cts. per doz.; \$5.00 per 100.

Chrysolora. Rich, pure yellow, 70 cts. per doz.; \$5.00 per 100.

Cottage Maid. White, bordered and suffused rosy-pink; makes a beautiful bed. 70 cts. per doz.; \$5.00 per 100.

Couleur Cardinal. Rich, glittering cardinal red; a grand variety. 80 cts. per doz.; \$6.00 per 100.

Crimson King. Crimson scarlet. 60 cts. per doz.; \$4.50 per 100.

Fred. Moore. Dark orange scarlet. 60 cts. per doz.; \$4.50 per 100.

Golden Queen. The finest golden yellow; flowers very large. 70 cts. per doz.; \$5.00 per 100.

Joost van Vondel White or Lady Boreel. Conceded to be the largest and finest pure white; perfect in every way. 70 cts. per doz.; \$5.00 per 100.

Kaiser Kroon. Bright-red, margined golden yellow; extra large and very showy. 60 cts. per doz.; \$4.50 per 100.

McKinley. Rosy-red, inside of petals orange red; very bright. 70 cts. per doz.; \$5.00 per 100.

Pink Beauty. Rich, glowing cerise-pink, flushed with snowy-white at the base of petals; a magnificent sort of heavy texture. 80 cts. per doz.; \$6.00 per 100.

Princess Helene. One of the best pure white bedders; strong, sturdy growth. 60 cts. per doz.; \$4.50 per 100.

President Lincoln, or Queen of the Violets. A pretty shade of pale violet. 60 cts. per doz.; \$4.50 per 100.

Queen of the Netherlands. Exquisite shade of soft blush-pink shaded with white; enormous globular flowers. 60 cts. per doz.; \$4.50 per 100.

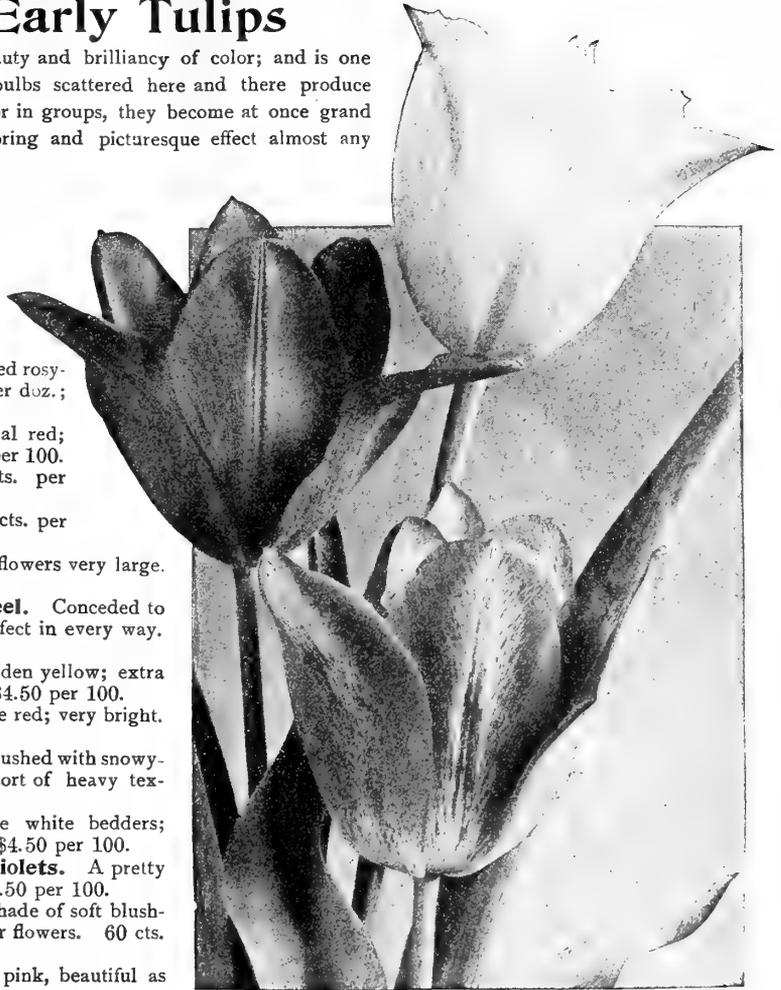
Rose Grisdelin. The finest dwarf bright pink, beautiful as a border. 60 cts. per doz.; \$4.50 per 100.

Rose Luisante. Dark, silky-rose pink of high quality. 80 cts. per doz.; \$6.00 per 100.

Sir Thomas Lipton. Rich, glossy, deep scarlet, the finest of its color. 75 cts. per doz.; \$5.50 per 100.

White Hawk. A beautiful pure white, of heavy texture, lasting well. 75 cts. per doz.; \$5.50 per 100.

Yellow Prince. The leading golden-yellow for forcing. 60 cts. per doz.; \$4.50 per 100.



GROUP OF COTTAGE GARDEN TULIPS

Dreer's Superb Mixed. This grand mixture of Single Early sorts is blended specially for us by one of the leading growers in Holland. 40 cts. per doz.; \$2.75 per 100; \$25.00 per 1000.

MAY-FLOWERING OR COTTAGE GARDEN TULIPS

This beautiful class is now very popular. They are quite distinct from the early flowering sorts, coming into bloom in the vicinity of Philadelphia about May 10th, or two or three weeks later than the early flowering types, and extending the Tulip season over a period of four weeks or more.

Gesneriana Lutea. A fine golden yellow variety. 60 cts. per doz.; \$4.00 per 100.

Gesneriana Spathulata Major. Very large flowers of an intense brilliant crimson-scarlet. 60 cts. per doz.; \$4.00 per 100.

Golden Crown. Rich yellow, petals faintly-edged with red. 50 cts. per doz.; \$3.50 per 100.

Inglescombe Pink. A rare blending of buff and salmon. 60 cts. per doz.; \$4.00 per 100.

Inglescombe Yellow. Immense globular, rich yellow flowers; has been aptly called the "Yellow Darwin." 60 cts. per doz.; \$4.00 per 100.

La Nerveille. Salmony-rose, overlaid with orange-red. 60 cts. per doz.; \$4.00 per 100.

Mrs. Moon. The largest and finest golden-yellow late Tulip. 70 cts. per doz.; \$5.00 per 100.

Orange King. Brilliant orange-red shaded scarlet, the finest of this color. 60 cts. per doz.; \$4.00 per 100.

Picotee or Maiden Blush. Pure white, daintily edged with pink. 60 cts. per doz.; \$4.00 per 100.

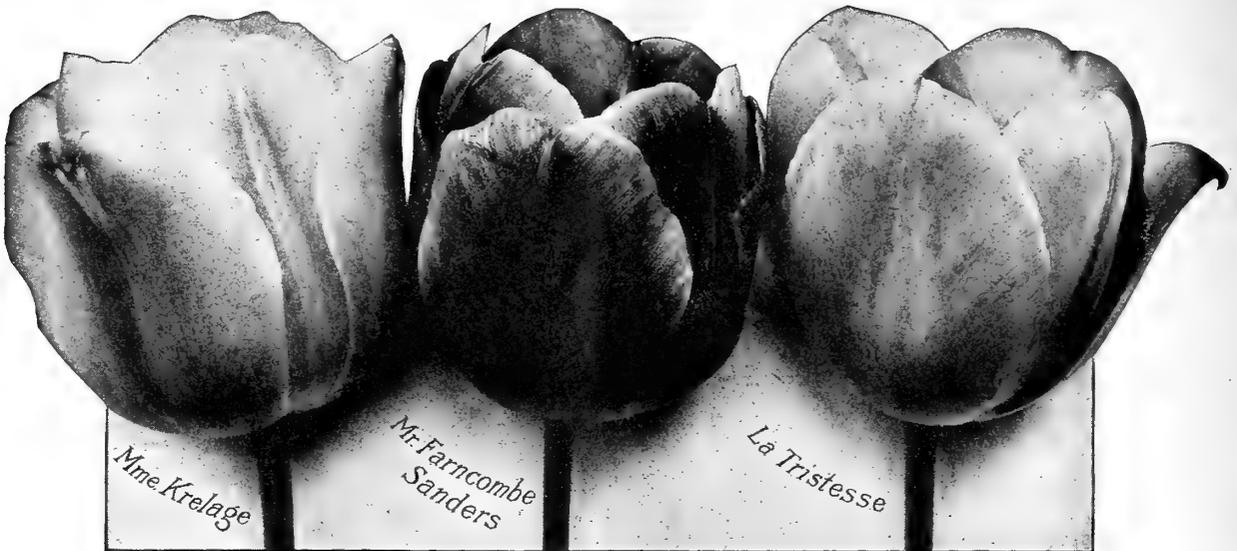
Royal White. Pure white, slightly tinted creamy-yellow. 70 cts. per doz.; \$5.00 per 100.

Shandon Bells, Isabella, or Blushing Bride. Creamy-yellow, tinted with blush, turning as the flower ages to a carmine pink. 60 cts. per doz.; \$4.00 per 100.

The Fawn. A charming shade of fawn, suffused with rose. 60 cts. per doz.; \$4.50 per 100.

May Flowering, or Cottage Garden, Mixed. This is a splendid mixture made up of over 50 sorts of all colors. 45 cts. per doz.; \$3.25 per 100; \$30.00 per 1000.

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Dreer's Superb Darwin Tulips

This magnificent May-flowering class has within the past few years by sheer force of their many merits forged their way to popularity by leaps and bounds, and are now grown by almost everybody who loves spring flowers; they are quite distinct in style of growth from the other late-flowering sorts; stately in appearance, attaining a height of 24 to 30 inches, and bearing on long strong straight stems beautiful globular flowers of remarkably heavy texture, in a large range of colors, embracing almost every conceivable tint.

Ariadne. Enormous bold, cup-shaped flowers of brilliant cochineal-red. 75 cts. per doz.; \$5.50 per 100.

Baron de la Tonnaye. A strong upright grower, with very large flowers of vivid rose-pink, toning to silvery-rose at the margin of the petals. 60 cts. per doz.; \$4.50 per 100.

Clara Butt. One of the most popular varieties, both for bedding and for forcing. The exquisite salmony-pink color of its large flowers is always greatly admired. 60 cts. per doz.; \$4.50 per 100; \$42.00 per 1000.

Dream. Large cup-shaped flowers of soft rosy mauve on a heliotrope ground, shading lighter on upper part of petals. 75 cts. per doz.; \$5.50 per 100.

Glow. Not a very large flower, but of such a dazzling scarlet color that it makes one of the most effective bedders. 70 cts. per doz.; \$5.00 per 100.

Gretchen or Margaret. The large globular flowers are of a delicate blush-pink on the outside, inside soft rose; a very popular variety for cutting. 70 cts. per doz.; \$5.00 per 100.

Harry Veitch. Brilliant, blood-red, shaded with brownish maroon large flowers of splendid form; a fine bedder. 70 cts. per doz.; \$5.00 per 100.

Inglescombe Yellow. While this belongs to the May flowering Cottage Garden type, it is frequently called the "Yellow Darwin," described and offered on page 29.

King Harold. Rich deep mahogany-red; a splendid dark variety. 70 cts. per doz.; \$5.00 per 100.

La Tristesse, or Dolores. A very large flower of slaty-blue, with silvery-flush at margin; a lovely variety to associate with yellow Cottage Garden Tulips. 70 cts. per doz.; \$5.00 per 100

La Tulipe Noire, or The Black Tulip. The nearest approach to black in Tulips; very large flowers of glossy black with maroon tone. 80 cts. per doz.; \$6.00 per 100.

Mme. Krelage. Rosy-violet, toning to soft blush at edge of petals; a good strong grower and a satisfactory bedder. 75 cts. per doz.; \$5.50 per 100.

Mr. Farncombe Sanders. One of the choicest varieties; flowers of very large size, of an effective rich geranium-scarlet tinged with rose. 80 cts. per doz.; \$6.00 per 100.

Mrs. Potter Palmer or Mr. D. T. Fish. Rich, glowing amaranth purple, a very distinct and striking color. 75 cts. per doz.; \$5.50 per 100.

Nauticus. A large and handsome variety of rich cerise rose. 70 cts. per doz.; \$5.00 per 100.

Ouida. One of the finest and richest crimson-scarlets, particularly effective for bedding. 70 cts. per doz.; \$5.00 per 100.

Philippe de Commines. Rich, deep, lustrous plum-purple; one of the best of the very dark sorts. 80 cts. per doz.; \$6.00 per 100.

Pride of Haarlem. A favorite for bedding and forcing. Flowers very large, of an attractive old rose color, suffused and brightened by scarlet. 75 cts. per doz.; \$5.50 per 100.

Princess Juliana or Sweetheart. A striking new sort of dazzling orange-scarlet suffused with salmon—quite distinct. 75 cts. per doz.; \$5.50 per 100.

Psyche. Very large bold flowers of rich rosy-pink outside; inside silvery-rose. 70 cts. per doz.; \$5.00 per 100.

Rev. H. Ewbank. A charming soft heliotrope shaded lavender, the best of this color. 70 cts. per doz.; \$5.00 per 100.

Salmon King. Dazzling rosy-scarlet suffused with salmon; a very effective color. 70 cts. per doz.; \$5.00 per 100.

Suzon. Large, bold flowers of soft rosy flesh color margined with blush white; a very dainty coloring. 75 cts. per doz.; \$5.50 per 100.

Whistler. Enormous flowers of a vivid crimson-scarlet. 75 cts. per doz.; \$5.50 per 100.

White Queen or La Candeur. Large globular flowers of pure white, slightly tinted blush when opening. 70 cts. per doz.; \$5.00 per 100.

DREER'S SUPERB DARWIN TULIPS MIXED

A grand mixture containing upwards of fifty sorts and covering all of the many beautiful colors for which this type is remarkable. Price, 50 cts. per doz.; \$3.50 per 100; \$32.00 per 1000.

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Dreer's Choice Narcissus or Daffodils

There are no hardy bulbous plants which have more points of merit than the Narcissus or Daffodils. Perfectly hardy, growing and doing well in almost any and every position, sun or shade, moist or dry. All conditions seem to suit them, although they have a preference for a good, deep soil and a semi-shaded position, and every vacant corner in the garden, amongst the grass, under the trees etc., etc., could not be used to better advantage than by filling with Narcissus.

Giant Trumpet Varieties

The Giant Trumpet sorts are the showiest of the genus, and also the most useful, growing easily either indoors or in the open ground. Every one of the varieties of this type offered on this page are deserving of extensive planting, and you can set out any of them with full assurance that you will get a bountiful harvest of blossoms in the spring.

Bicolor Victoria. A fine variety, perianth creamy-white, trumpet rich yellow, delicately perfumed; unsurpassed for pot culture and always satisfactory out of doors. 12 cts. each; \$1.25 per doz.; \$8.00 per 100.

Emperor. This grand variety, which is nicely illustrated, is one of the largest and finest Daffodils in cultivation, pure yellow trumpet of immense size, and wide overlapping, rich primrose perianth; for bedding, naturalizing or for growing in pots in the house it is unequalled. Much in demand for cutting. Extra large bulbs, 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

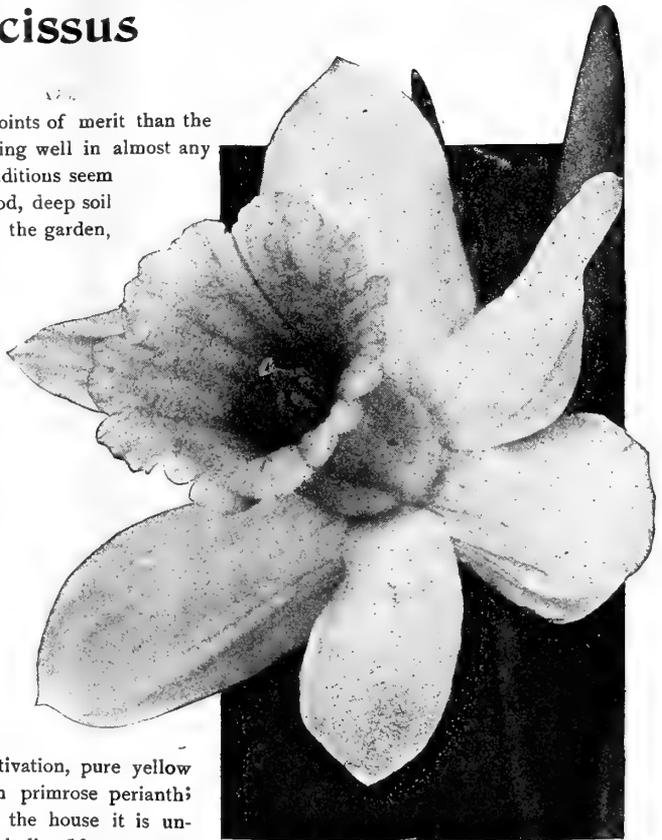
Empress. This fitting companion to Emperor is also of strong, robust growth, with fine large flowers; the perianth snow white, trumpet rich yellow, serrated and flanged at the edges; one of the best bicolors and of rare beauty for cutting. Extra large bulbs, 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Giant Princeps. One of the most popular; perianth sulphur white; trumpet rich yellow. As a forcing variety it is superior in every way, and a fine sort for naturalizing. 7 cts. each; 70 cts. per doz.; \$5.00 per 100.

Glory of Leiden. This grand variety has been well and deservedly named the "King of Daffodils," being one of the most massive of the Giant Trumpet varieties. The large trumpet is full, rich, yellow, perianth pale yellow with occasional deeper yellow markings. Unlike many floral aristocrats it is of strong, vigorous habit and of the easiest culture, being just as much at home when grown in pots indoors as it is in the open ground. You cannot be considered to have a good collection of Narcissus without Glory of Leiden. 12 cts. each; \$1.25 per doz.; \$8.00 per 100.

Golden Spur. The most popular of the golden-yellow trumpets with cut flower growers, as it produces freely and early its handsome rich, deep yellow flowers. It is just as valuable out of doors as for forcing. A strong, vigorous grower, always doing well. Extra large bulbs, 7 cts. each; 75 cts. per doz.; \$5.50 per 100.

King Alfred. This is considered the largest and finest golden yellow Trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden-yellow. 25 cts. each; \$2.25 per doz.; \$16.00 per 100.



EMPEROR NARCISSUS

Mme. de Graaff. A magnificent flower of almost pure white, the perianth is snow white, the large trumpet is slightly tinted with primrose, which changes to white, has been well named "The Queen of Daffodils." 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

Olympia. This remarkably fine Daffodil might briefly be described as a greatly improved Emperor, being much larger in size and of a richer, deeper color. It is a wonderfully strong grower, with fine broad blue-green foliage, and its bold majestic yet artistic flowers are produced very freely. This is surely one of the coming Daffodils both for growing in pots indoors and for outdoor cultivation. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

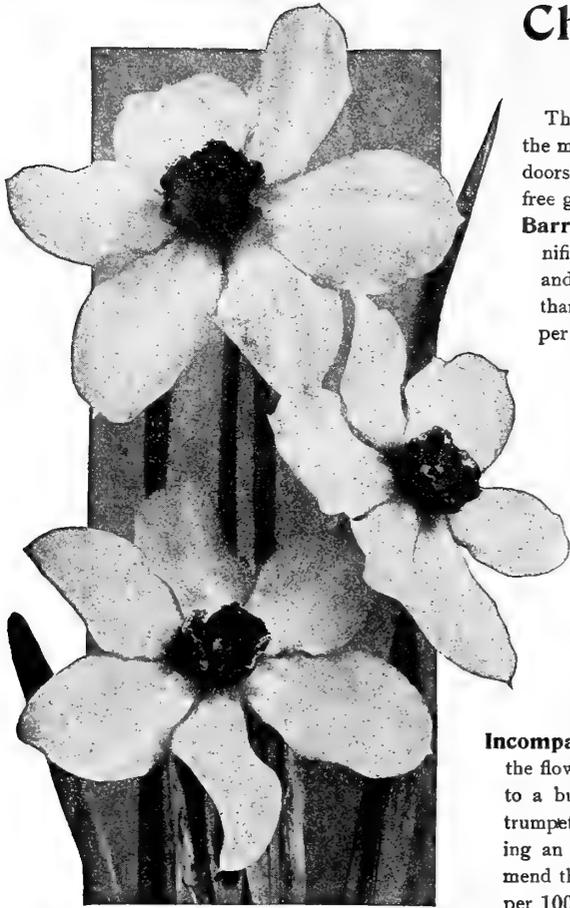
Trumpet Major (Single Van Sion). A large and shapely flower of a rich yellow color throughout. Comes into bloom early, and is excellent for forcing, bedding or naturalizing. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Van Waveren's Giant. This is claimed to be the largest of all Narcissus, which claim we fully indorse, having tried it several times in conjunction with other Giant Trumpet varieties, and it has always produced the largest flowers of any. The huge blossoms are held erect on strong, stiff flower stalks, perianth soft primrose-yellow with an immense bright yellow trumpet. Strong, vigorous grower, and just as satisfactory for growing in pots as it is for the garden. 25 cts. each; \$2.25 per doz., \$16.00 per 100.

TIME OF DELIVERY

Most of the bulbs offered in this catalogue come from Holland, and are usually received by us about the middle of September. Send in your orders now, and they will be forwarded as soon as the bulbs reach us.

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NARCISSUS BARRII CONSPICUUS

Chalice-cup Daffodils or Star Narcissus

This class is also known as the medium trumpets and comprises some of the most beautiful and graceful forms. All are suitable for growing indoors in pots or pans, and are especially adapted for naturalizing, being of free growth and multiplying rapidly.

Barrii Conspicuous. Perianth soft yellow; broad spreading cup, magnificently illuminated with scarlet; a most distinct and beautiful sort, and should be grown in quantity for cutting, as it lasts longer when cut than most sorts. (See cut.) 6 cts. each; 60 cts. per doz.; \$4.50 per 100.

Barrii Lady Godiva. This beautiful variety is known as the White Barrii Conspicuous, it being identical to that grand sort, excepting that instead of being yellow the perianth is white; cup rich yellow, edged bright orange-scarlet, a very effective combination; a strong grower and exceptionally free-flowering. 7 cts. each; 70 cts. per doz.; \$5.00 per 100.

Incomparabilis Autocrat. A showy and free-growing variety, with large star-shaped flowers, perianth rich yellow with deeper yellow wide expanded crown or cup; a splendid sort for pots or for outside planting. 6 cts. each; 60 cts. per doz.; \$4.50 per 100.

Incomparabilis Leonie. One of the newer sorts with very large primrose-yellow perianth, cup slightly deeper, an abundant bloomer and excellent for cutting. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Incomparabilis Lucifer. One of the showiest and most striking varieties; the flowers, which are produced with remarkable freedom, averaging three to a bulb, are of large size, the perianth pure white, while the crown or trumpet is a brilliant orange-scarlet, the contrast being decided and producing an effect that attracts the attention of everyone. We strongly recommend this unusually brilliant Daffodil. 7 cts. each; 70 cts. per doz.; \$5.00 per 100.

Incomparabilis Sir Watkin. "Giant Chalice Flower," or "Big Welshman." A gigantic flower, the largest in this section; perianth sulphur-yellow, cup slightly deeper in color and tinged with orange; fine for pot culture; in fact, does well everywhere. Extra large bulbs, 8 cts. each; 80 cts. per doz.; \$6.00 per 100.

Leedsii Mrs. Langtry. A dainty free-flowering sort, with pure white perianth and delicate primrose cup, passing off to white; charming for pots and largely used for naturalizing. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Leedsii White Lady. An exquisite flower with broad pure white overlapping petals and dainty cup, prettily crinkled, of a beautiful pale canary yellow shade; very free bloomer and of great value for cutting. 6 cts. each; 65 cts. per doz.; \$4.50 per 100.

The Poet's Narcissus

(*Narcissus Poeticus*)

This is the old-fashioned favorite type; all have snowy white flowers, with yellow or lemon cups margined more or less deeply with red and with rich, spicy odor. All do well in the open border, or naturalized in grass, are perfectly hardy, and once planted take care of themselves.

Poeticus (*Pheasant's Eye* or *Poet's Narcissus*). Flowers snow-white, with beautiful lemon-yellow cup edged with bright orange-red; blooms in May; very fragrant. 50 cts. per doz.; \$3.50 per 100.

Poeticus Ornatus. Until the introduction of King Edward VII, the most perfect form of Poet's Narcissus. It is more symmetrical than the old Poeticus, and blooms almost a month earlier; flowers large, pure white, cup margined with scarlet and as fragrant as the type. Extra large bulbs, 60 cts. per doz.; \$4.50 per 100.

Poeticus King Edward VII (*Almira*). An improvement on Ornatus, being a stronger grower, producing larger flowers of purest white, with yellow cup margined with scarlet; very early. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.



NARCISSUS POETICUS ORNATUS

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Polyanthus Narcissus or Nosegay Daffodils

Beautiful free-flowering deliciously sweet-scented flowers, of the easiest culture; suitable for forcing in soil or prepared fibre or for growing in water in the same way as the Chinese Sacred Narcissus. They bear tall spikes of bloom with from 6 to 20 flowers each.

Paper White Grandiflora. An improved large flowering form of the old Paper White, and without doubt the easiest of all bulbs to grow in the house, either in soil, prepared fibre or water, we offer two sizes as under:
Selected Bulbs. 5 cts. each; 50 cts. per doz.; \$3.50 per 100; \$30.00 per 1000.

Mammoth Bulbs. Of special value for growing in water. 6 cts. each; 60 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

Double Roman. White with double yellow centre; very fragrant. 5 cts. each; 50 cts. per doz.; \$3.50 per 100.

Gloriosa. A very pretty variety, with pure white flowers, with rich orange cup. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Grande Monarque. Fine large trusses of white flowers, with primrose cups. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Grand Soleil d'Or. A charming rich yellow flower, with deep reddish cup. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Mixed Polyanthus Narcissus. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Chinese Sacred Narcissus. We are importing from China direct a supply of the finest bulbs procurable. 15 cts. each; \$1.50 per doz.; \$3.60 per basket of 30 bulbs.

Double-flowering Narcissus or Daffodils

No collection of Narcissus is complete without the double-flowering sorts. While not as attractive as many of the single varieties, and lacking variety of coloring, they possess a charm peculiarly their own. All are perfectly hardy and are much in demand for cutting.

Alba Plena Odorata (*Double Poet's Narcissus or Gardenia Daffodil*). Double pure white; very sweet-scented. This beautiful variety cannot be forced. It succeeds best planted in rather heavy soil, in partial shade, and where it will not suffer for lack of moisture. 50 cts. per doz.; \$3.75 per 100.

Orange Phoenix (Eggs and Bacon). Light citron with orange centre; a beautiful artistic blossom and easily forced. 7 cts. each. 75 cts. per doz.; \$5.50 per 100.

Sulphur or Silver Phoenix (Codlins and Cream). Creamy white with pale sulphur centre. Considered the finest of the double sorts. 7 cts. each; 75 cts. per doz.; \$5.50 per 100.

Van Sion (*Telemontius Plenus*). The famous old Dutch Daffodil; flowers golden yellow. This variety is used in enormous quantities for forcing; also excellent for bedding in conjunction with Hyacinths, flowering at the same time and presenting a beautiful contrast when used with a blue variety.

Extra Selected Double-nosed Bulbs. Each bulb will produce at least two flowers, and frequently three or more. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Selected Single-nosed Bulbs. Each bulb will produce at least one fine flower, and often two. 7 cts. each; 75 cts. per doz.; \$5.50 per 100.



NARCISSUS PAPER WHITE GRANDIFLORA
Grown in a bowl in water and pebbles

JONQUILS

(*Narcissus Jonquilla* and *Olorus*)

Jonquils are a small flowering type of Narcissus and are prized for their graceful, golden, fragrant blossoms, and the ease with which they may be grown. Half a dozen bulbs can be put in a 5-inch pot, and with the same treatment as given Hyacinths, a fine display can be had from January to April. Liberal planting should be made outdoors. A clump of 50 or more bulbs put here and there among the shrubbery, or interspersed in the hardy border, or naturalized in the grass, give an indescribably rich effect in the early spring, while a vase of the cut blooms will fill a room with the rich, spicy odor.

Single Sweet-scented (*Narcissus Jonquilla*). Rich, buttery-yellow; not as large a flower as the others, but most fragrant and very free-flowering. 40 cts. per doz.; \$2.50 per 100.

Campernelle (*Narcissus Olorus*). A grand variety, producing freely large yellow flowers, very sweetly scented; a strong grower, doing well in almost any position. 40 cts. per doz.; \$2.50 per 100.

Campernelle Rugulosus. The largest and finest of all Jonquils; a handsome flower; color pure yellow; very fragrant. 50 cts. per doz.; \$3.50 per 100.

Olorus Plenus (*Double Campernelle Jonquil*). A charming variety bearing on tall graceful stems, double yellow fragrant flowers of elegant form. 50 cts. per doz.; \$3.50 per 100.

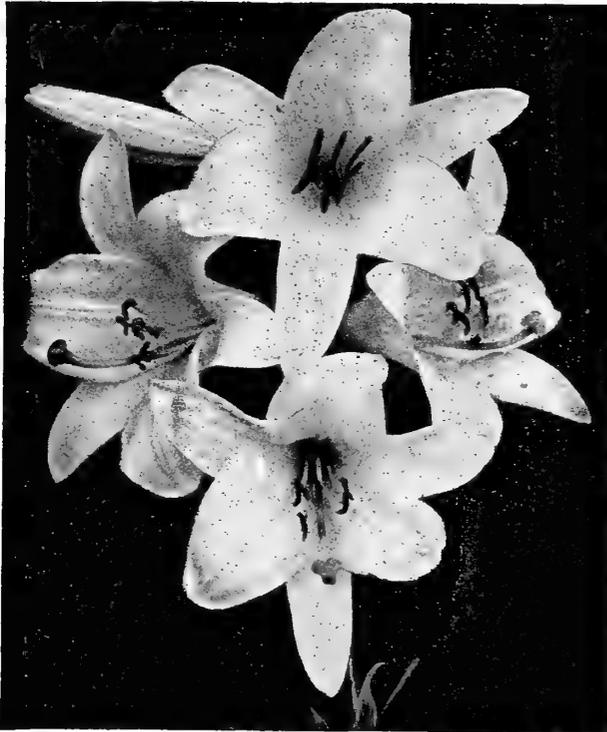
NARCISSUS IN MIXTURE

For planting among shrubbery, in unused corners or for naturalizing in grass, where they may remain undisturbed for years, these are, without doubt, one of the best hardy bulbs, coming into bloom early and supplying an unfailing source of cut flowers.

Single Varieties. A splendid mixture, containing a great many fine varieties, and sure to produce satisfactory returns. 50 cts. per doz.; \$3.50 per 100; \$30.00 per 1000.

Double Varieties. A very good mixture containing some each of the various varieties. Excellent for planting for cutting. 55 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

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LILIAM CANDIDUM (Madonna Lily)

CALLA LILIES

White Calla (*Richardia Aethiopica*). The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming keep them dormant from the middle of June until the last of August; replot in good, rich soil, using 6 to 8-inch pot; give water, light and heat in abundance, and the result will be most satisfactory.

	Each.	Per Doz.	Per 100.
Good Flowering Bulbs	\$0 25	\$2 50	\$18 00
Extra Large Bulbs	35	3 50	25 00

FREESIA

This is one of the most beautiful of all Cape bulbs, possessing a peculiar grace of form; and its fragrance is most delightful, one pot of a dozen bulbs being sufficient to perfume a whole house. As cut flowers they are extremely valuable; the unexpanded blooms opening in water, fill the air with the most delicate perfume, and their endurance is really remarkable. They force very easily, and can be had in flower in January, and continue in succession until June. For full cultural directions, see our new book, "*Hints on the Growing of Bulbs.*" Price, 25 cts., or free to customers who ask for it when ordering.

Dreer's Improved Purity. The finest and purest white variety yet introduced; of strong growth and with very large flowers.

	PER DOZ.	PER 100.	PER 1000
Mammoth Bulbs.....	\$0 50	\$3 00	\$25 00
Selected Bulbs.....	30	2 00	16 00

Rainbow, Fardel's Strain. A wonderfully improved stock of the colored Freesia, comprising a large number of beautiful shades of yellow, blue, violet, mauve, pink, lavender, etc. The flowers are as large as the best white type, and equally as fragrant. We offer them in mixed colors only. \$1.00 per doz.; \$7.50 per 100.

Dreer's Select Lilium Candidum

(Annunciation or Madonna Lily)

This is one of the most popular of garden Lilies. The flowers are pure snow white and very fragrant, borne on long stems. To succeed with it, it should be planted early in the autumn; give the bulbs a light dusting with powdered sulphur, and do not cover with more than 2 inches of soil; 3 to 4 feet; May and June.

We have arranged for a large supply, and hope to have them ready for delivery not later than September.

	Each.	Per Doz.	Per 100.
Large Bulbs	\$0 20	\$2 00	\$15 00
Extra Large Bulbs	25	2 50	18 00
Mammoth Bulbs.....	30	3 00	22 00

LILIAM HARRISH

(Bermuda Easter Lily)

This is undoubtedly the best Lily for winter forcing, as it comes quickly into bloom. The flowers are trumpet-shaped, pure white, and delightfully fragrant. The freedom with which the flowers are produced is truly remarkable.

Fine bulbs, 5 to 7 inches, 25 cts. each; \$2.50 per doz.
Extra bulbs, 7 to 9 inches, 50 cts. each; \$5.00 per doz.

OXALIS

These are profuse bloomers, and very attractive in the house or conservatory during the winter. Plant 3 or 4 bulbs in a pot or hanging basket, which should be kept close to the light to prevent the foliage from growing too long.

Bermuda Buttercup. Flowers of the purest bright buttercup yellow.

Bowiei. Brilliant carmine rose.

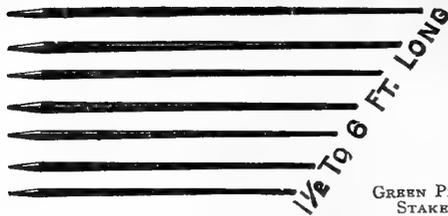
Grand Duchess. Extremely free-flowering, never being out of bloom from November till June. We offer them in three distinct colors, viz., **Pink, White and Lavender.**

Price of any of the above, 35 cts. per doz.; \$2.50 per 100.
Mixed Oxalis, containing all the colors. 30 cts. per doz.; \$2.00 per 100.



DREER'S IMPROVED PURITY FREESIAS

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.



Stakes. Light tapering, round, painted green:

	Each	Per doz.	Per 100		Each	Per doz.	Per 100
1 1/2 feet.....	\$0.03	\$0.28	\$1.65	3 3/4 feet....	\$0.10	\$1.00	\$7.35
2 ".....	.05	.45	3.10	4 ".....	.12	1.20	8.80
2 1/2 ".....	.07	.68	5.40	5 ".....	.16	1.68	11.65
3 ".....	.08	.85	7.50				

GREEN PLANT STAKES

Heavy Rose, or Dahlia—Round, painted green.

	Each	Per doz.	Per 100		Each	Per doz.	Per 100
3 feet.....	\$0.12	\$1.27	\$ 8.75	5 feet.....	\$0.20	\$2.12	\$15.25
4 ".....	.15	1.53	10.25	6 ".....	.22	2.50	18.50

Square.—Tapering, painted green, the 3 to 6 feet are suitable for Dahlias and large plants.

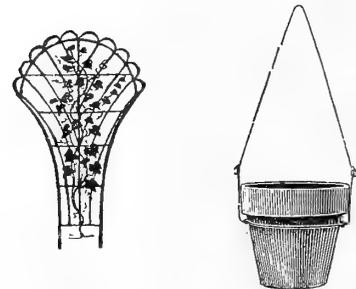
	Each	Per doz.	Per 100		Each	Per doz.	Per 100
1 1/2 feet.....	\$0.03	\$0.25	\$1.85	3 1/2 feet.....	\$0.08	\$0.85	\$6.50
2 ".....	.04	.40	2.85	4 ".....	.12	1.20	8.50
2 1/2 ".....	.05	.56	4.00	5 ".....	.14	1.58	11.00
3 ".....	.07	.86	6.00	6 ".....	.18	2.00	14.00

Plain, Unpainted Dowel Stakes:

Length	Diameter	Per doz.	Per 100	Per 1000	Length	Diameter	Per doz.	Per 100	Per 1000
42 inches.	1/4 inch.	\$0.30	\$1.50	\$12.50	42 inches.	5/8 inch.	\$0.40	\$2.50	\$20.00
42 inches.	3/8 inch.	.30	1.75	13.50	36 inches.	1/2 inch.	.35	2.00	14.00

We can also supply above dyed green at an additional cost of 25 cts. per 100; \$2.00 per 1000.

Hyacinth Stakes, dyed green, 12 inches, 30 cts. per 100; \$2.50 per 1000; 18 inches, 40 cts. per 100; \$3.50 per 1000.



WIRE FAN TRELLIS WIRE POT HANGERS



COPPER LABEL



THE MODEL TOMATO SUPPORT.

Length	Diameter	Per doz.	Per 100	Per 1000	Length	Diameter	Per doz.	Per 100	Per 1000
4 inch.....		\$0.25	per 100;	\$1.60 per 1000	8 inch.....		\$0.90	per 100;	\$7.50 per 1000
4 1/2 ".....		.30	"	1.70 "	10 ".....		1.20	"	9.50 "
5 ".....		.35	"	2.10 "	12 ".....		1.40	"	12.50 "
6 ".....		.40	"	2.50 "					

Painted Wooden Pot and Tree Labels

Simplex Waterproof Plant Label

No. 1, 3, x 1/2 in	25 cts. per doz.;	\$2.00 per 100
No. 2, 4, x 3/4 in	50 cts. "	4.00 "
No. 3, 5, x 1 in	75 cts. "	6.00 "

Labels. For trees and shrubs, 3 1/2 inch, copper-wired, per 100, 40 cts.; per 1000.

Copper, indestructible, No. 2, heavy, doz. 35 cts.; gross..... 3.50
 Copper, indestructible, No. 2, light, doz. 30 cts.; gross..... 3.00
 Zinc, tree, heavy small, per 100, \$1.50; medium, \$2.00; large..... 3.00

Label Ink. Idelible, for zinc labels (use with ordinary pen), per bottle.. .35
 Label Pencils. Indelible, for wood labels, each, 10 cts.; per doz..... 1.00

Wire Pot Hangers

This is a most convenient arrangement for suspending pots, made in four sizes, For 5, 6, 7 and 8-inch pots, each 5 cts.; per doz..... 50

Peony and Tomato Supports

Wire, heavy galvanized, each, 35 cts.; doz..... \$4.00
 Wood, each 35 cts.; doz..... 4.00

Wire Fan Trellis for Training Vines

12 in. high, 35 cts.; 15 in. 45 cts.; 18 in. 60 cts.; 24 in. 75 cts.

Wooden Trellis, 24 in..... 25

Wheelbarrows

Dreer's Special Wheelbarrow	\$9.50
" " " 3-inch tire	10.00
No. 4, Garden 1 1/2 in. tire.....	\$8.50
" 5, " 1 1/2 " " ".....	9.00
Special Narrow for Greenhouse.....	\$12.00
Boy's.....	\$6.00
Canal.....	\$5.00

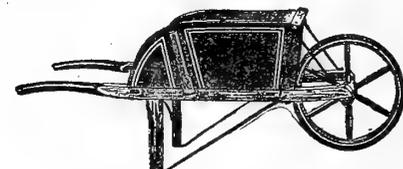
Keystone Leaf Rack Attachment

This can be attached to any size wheelbarrow with removable sides. It is most convenient for gathering leaves, cut grass and rubbish. Capacity of 10 bushels; can readily be taken apart, occupying but little space when not in use.. Price, \$7.50

Truck and Water Barrel

Truck with 1 1/2 in. tires (steel Wheels).....	\$21.50
" " 2 1/2 " " ".....	22.50
" " 3 1/2 " " ".....	23.50

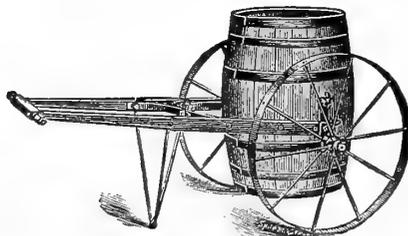
Extra barrels with trunnions, \$6.50



GARDEN AND GREENHOUSE WHEELBARROW



KEYSTONE LEAF-RACK ATTACHMENT



TRUCK AND BARREL

Prices on Tools and Sundries subject to change without notice

RUBBER HOSE—Best Quality

“Riverton,” Moulded, $\frac{3}{4}$ inch..... 23 cts. per foot
 “ “ “ “ $\frac{1}{2}$ “ “ “ “ 20 “ “ “

The Riverton moulded hose can be supplied in any length. We recommend this brand for strength and service. Couplings supplied with 25 foot lengths and over.

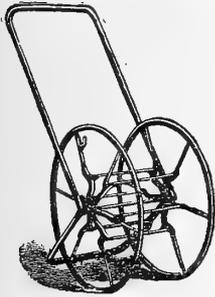
Chicago Electric, $\frac{3}{4}$ inch..... 22 cts. per foot
 Extra quality, $\frac{3}{4}$ “ “ “ “ 17 “ “ “
 Fine quality, $\frac{3}{4}$ “ “ “ “ 19 “ “ “
 Wire wrapped, 3-ply, $\frac{3}{4}$ “ “ “ “ 20 “ “ “
 Hose Washers, $\frac{3}{8}$ “ “ per doz., 8 cts.; $\frac{1}{2}$ lb. 30 cts.



“Riverton Hose”

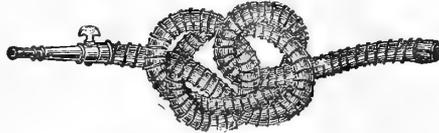


Garden and Greenhouse Hose

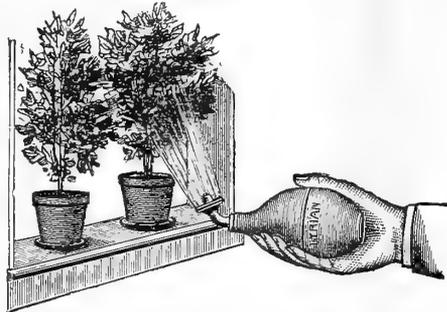


Wirt's Iron Hose Reel

No. 1, holds 50 ft., \$3.00
 “ 10, “ 100 “ 4.50
 “ 20, “ 150 “ 5.00
 “ 30, “ 500 “ 8.00



Wire Wrapped Garden and Greenhouse Hose



Rubber Sprinker, Straight or Bent

Small size, \$1.00. Large size, \$1.25. If by mail, 10 cts. extra for postage.



The Kinney Pump

For applying liquid manure to growing plants. The best pump for distributing liquid manure evenly. Price, \$3.50.



Sherman Hose Clamp

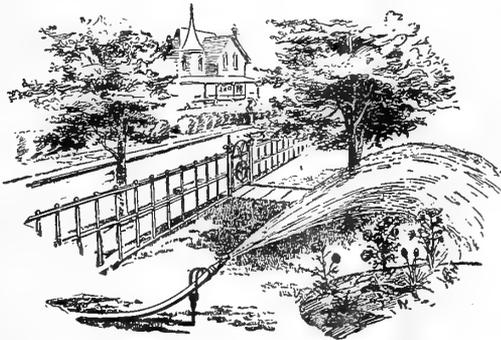
Each 8 cts.; 75 cts. per doz.



Royal Smooth Faucet Hose Connection

Used for attaching hose to smooth faucets.

Each..... 30 cts.
 Extra Washers, each 10 cts.
 Boyd's..... 40 cts.



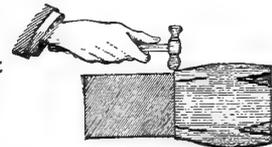
Hose Nozzle Holder

A very simple devise for holding hose and nozzle. 25 cts.

The Perfect Cinching Hose Mender

$\frac{3}{4}$ -inch Hose

Each, 12 cts.; doz., \$1.25.



Hose Coupler, Brass

Per doz..... \$3.00
 Per set. 30 cts.



Cooper Hose Mender

Each, 10 cts.; doz., \$1.00



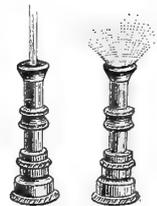
Iron Hose Mender

Each, 8 cts.; doz. 75 cts.



Boss Nozzle

Each, \$1.00



Gem Nozzle

Each, 85 cts.



Boston Hose Nozzle

Invaluable for greenhouse watering and sprinkling flower beds. Made of copper, with coarse or fine spray. Each, \$1.00. Heavy cast brass, \$1.25.

Spray Nozzles

For use on spray pumps in applying insecticides and fungicides.

Bordeaux, \$1.40; Vermorel, \$1.00;
 Double Vermorel, \$2.25; Triple Vermorel, \$3.00; Mistry, \$1.75;
 Mistry, Jr..... \$1.00
 Demorel, 85 cts.; Winkle Mist, \$1.00; Simplex..... 65



Brass Hose Nozzle

With stop cock, spray rose and stream. Heavy cast brass. Complete each, \$1.50.



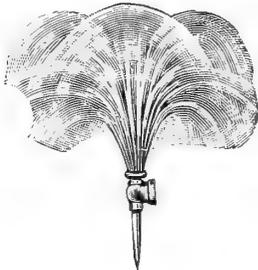
Fountain Ring Sprinkler

Makes a mist-like spray
Brass Fountain Ring\$1 00



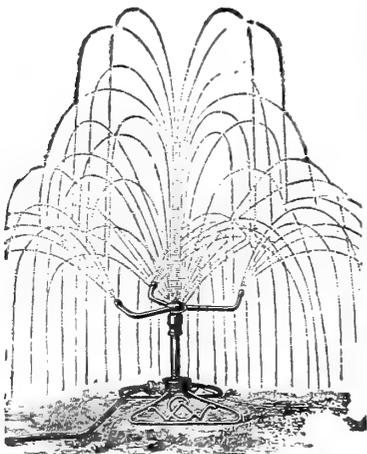
Enterprise Lawn Sprinkler

The working parts of this sprinkler are practically indestructible; has four arms and covers a large area.
No. 1, large size, sled base.....\$7 50



Water Witch Sprinkler

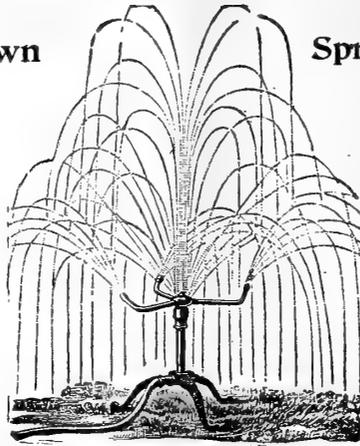
We consider this one of the most satisfactory sprinklers made. Will cover an area 20 to 30 feet in diameter.
With spur to stick in ground.....60 cents
On sled base.....75 cents



California Lawn Sprinkler

This sprinkler is supplied with sled base, and is convenient to move about the lawn. On sled base, nickel top, 12 in. high, \$2.25.

Lawn Sprinklers



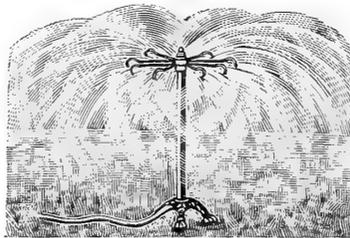
California Lawn Sprinkler

This is one of the most popular and ornamental lawn sprinklers and distributes the water over a large area.
On stand 12 inches high.....\$1 75
On stand nickel top; 12 in. high.... 2 00
On stand nickel top; 24 in. high.... 2 50



Pennsylvania Rainmaker Lawn Sprinkler

Will cover an area of 300 to 500 square yards; adapted for large lawns, putting greens, cricket grounds and tennis courts.
\$25.00.



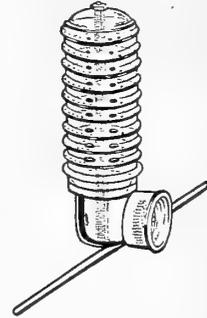
Peck's Lawn Sprinkler

The Peck's Lawn Sprinkler is 36 inches high, and supplied both in 4 and 8 arms.
Peck's 4-arm Sprinkler.....\$4 50
Peck's 8-arm Sprinkler 5 00



Lawn Twin Sprinkler

The best to lay on ground. Strong, simple, and will not clog. It has no revolving parts to get out of order, yet throws a double spray in a perfect circle. A good irrigating sprinkler, 50 cts.



B Lawn Sprinkler

Will cover an oblong or square area, and does not waste the water, but distributes it exactly where you want it. Made entirely of brass. \$1.75.

Dreer's Riverton Moulded Rubber Hose

Of splendid quality. Can be supplied in any length. See offer on page 37.



Universal Lawn Sprinkler

Has a combination spray with three revolving arms, and is one of the most satisfactory sprinklers on the market for the average size lawn.
On sled base, nickel top... ..\$2.50



The Campbell Oscillating Irrigating Lawn Sprinkler

The Oscillating Irrigator is strongly constructed; does not get out of order; an ideal sprinkler for the vegetable garden or lawn; will cover a rectangular area sixty feet in width; can furnish three lengths. Complete with hose connection. 5-ft. Sprinklers, \$15 00; 10-ft., \$25.00; 15-ft., \$35 00.

The Campbell-Turbo Irrigator is recommended for sprinkling large lawns; will distribute the water over a circular area of eighty to one hundred feet. Price, complete, \$18.00.



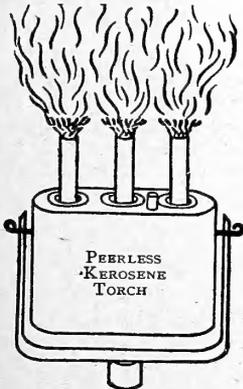
Auto Spray

No other compressed air sprayer will do such a variety of work as the auto spray. We consider this sprayer one of the most convenient for use in the vegetable, flower and fruit garden. One charge of 3 gallons of liquid and a few strokes of the plunger will compress enough air to discharge half of the contents and make a continuous spray. Capacity, about 4 gallons.

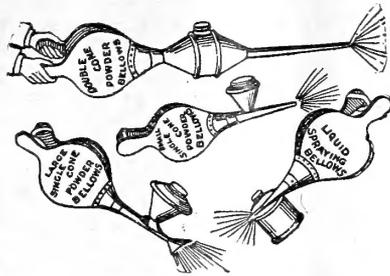
- Galvanized\$7.00
- “ with Auto Pop Nozzle, 7.50
- Brass10.50
- “ with Auto Pop Nozzle, 11.00
- Extension Rods (gal.) 24 in. .45
- Extension Rods (Brass), 24 in.60
- Auto Pop Nozzle 2.00
- Galvanized Strainer 1.25
- Brass Strainer 1.50



Tin Powder Duster ...75 cts.



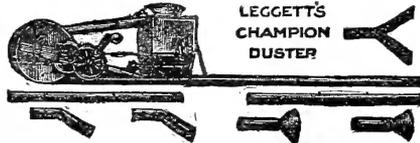
Peerless Torch
For burning out caterpillar nests,
\$1.25



Woodason's Powder and Spraying Bellows

The best bellows for applying all kinds of insecticides and fungicides, in liquid or powder form.

- Double Cone Powder, .\$.60
- Large Single Cone P'd'r 3.75
- Small Single Cone P'd'r 3.00
- Large Spray\$3.75
- Small Spray 3.00
- Sulphur Powder 3.50
- Acme Powder Gun (Bellows), \$2.00.



Leggett's "Champion" Dry Powder Gun

A powerful machine for orchard and field use, for applying any kind of dry powder, such as Paris Green, London purple insect powder, etc. Will cover one acre with one pound of Paris green in less time, and will distribute the powder more evenly than any other known machine. Price complete\$14.00



Automatic Compressed Air Atomizer

For spraying plants in the conservatory and garden.
Brass\$1.75 and \$2.50

Spray Syringe Atomizer

For spraying plants in the conservatory and garden:
Enamelled white (small), 50 cts.
Tin, small, 40 cts.; Tin, large, 75 cts.
Brass, small, \$1.00; Brass, large, \$1.25.



Hand Powder Gun
Jumbo, 40 cts.
Postpaid, 50 cts.



Perfect Success Bucket Pump

This spray pump has many advantages over the old style bucket pump; has an adjustable foot rest with bucket clamp.

Complete with hose and nozzle \$7.65.



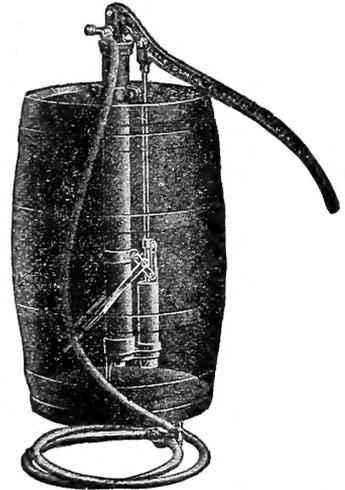
Bordeaux Nozzle, \$1.40

Mistry Jr. Nozzle, \$1.00



Gardener's Choice Spray Outfit

A very complete and convenient sprayer for general use for spraying orchards, small fruits and garden crops. Easily transported from place to place, fitted with a strong, durable pump and agitator attachment. Holds 25 gallons. Complete with hose nozzle, \$37.50.



Century Barrel Spray Pump

A powerful pump. Complete with hose and nozzle, \$25.00.

"Captain" Barrel Spray Pump

A durable pump. Complete with hose and nozzle, \$16.50



Demorel Nozzle, 85 cts.



Vermorel Nozzle, \$1.00.



Asbestos Torch

For burning out Caterpillar nests, 65 cts.

- Success Bucket Pump 7.15
- Myers' Bucket Pump 6.00
- Defiance Bucket Pump 6.00
- Double Vermorel, \$2.25
- Triple Vermorel, \$3.00

PLANET Jr. FARM AND GARDEN IMPLEMENTS



Have a great variety of attachments which adapt the implements to all kinds of work, and there is scarcely any garden that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better when well cultured.

- No. 3 Hill Dropping and Drill Seeder only. Capacity 3 qts. \$21 25
- No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe..... 22 75
- No. 4 D Hill and Drill Seeder only..... 18 00
- No. 5 Hill and Drill Seeder. Capacity, 5 qts. Has 16½ inch drive wheel..... 24 25



- No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete.....\$25 75
- No. 31 Combined Drill Seeder and Single Wheel Hoe..... 14 75
- No. 31 D. As a Drill Seeder only..... 11 75
- No. 33 Single Wheel Hoe equipment of No. 31 7 50

No. 16 Single Wheel Hoe, has 1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter..... 12 00

No. 17 Single Wheel Hoe, has 1 Plow, 2 Hoes and 3 Cultivator Teeth..... 10 00

No. 17½ Single Wheel Hoe, has 2 Hoes and 3 Cultivator Teeth. 8 65

No. 19 Single Wheel Hoe, as illustrated 7 00

No. 11 Double Wheel Hoe, has 2 Plows, 4 Hoes, 4 Cultivator Teeth, 2 Leaf Lifters and 4 Rakes..... 18 25

No. 12 Double Wheel Hoe, has 2 Plows, 2 Hoes, 4 Cultivator Teeth and Leaf Lifters 14 75

No. 13 Double Wheel Hoe, has two 6-inch Hoes only..... 10 25

No. 90-12 Tooth Harrow, as illustrated (cast wheel)..... 22 50

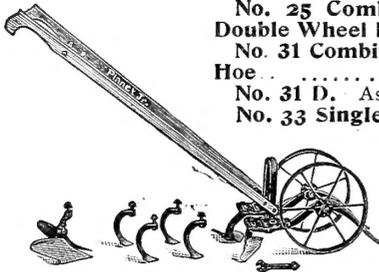
No. 90 B 12 Tooth Harrow, without Pulverizer (cast wheel).... 18 75

No. 8 Horse Hoe and Cultivator, with depth regulator and expander (cast wheel)..... 22 50

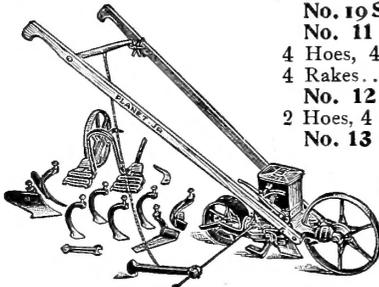
No. 9 Horse Hoe and Cultivator, plain, with wheel only (cast wheel)..... 19 50

Fire-Fly Hand Plow. A useful tool, will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid tool for the kitchen garden..... 4 75

Star Pulverizer..... 6 85



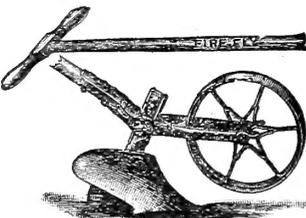
No. 12 PLANET JR. DOUBLE WHEEL HOE



No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE



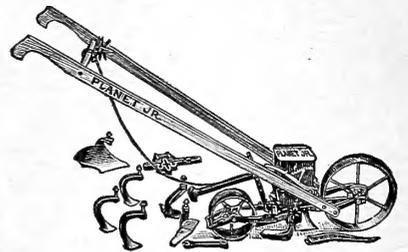
No. 31 PLANET JR. COMBINED DRILL SEEDER AND SINGLE WHEEL HOE



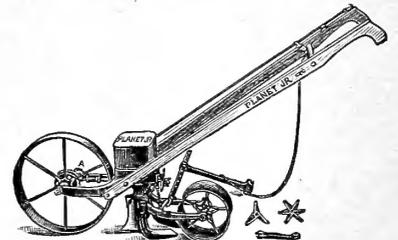
FIRE-FLY HAND PLOW



No. 19 PLANET JR. SINGLE WHEEL HOE



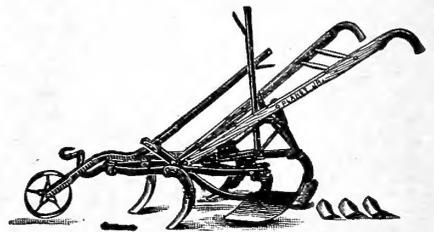
No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER AND SINGLE WHEEL HOE



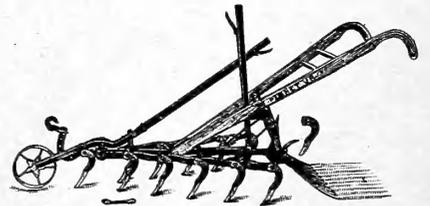
No. 3 PLANET JR. HILL AND DRILL SEEDER



No. 16 PLANET JR. SINGLE WHEEL HOE



No. 8 COMBINED HORSE HOE AND CULTIVATOR



No. 90 12-TOOTH HARROW, CULTIVATOR AND PULVERIZER

The New Planet Jr. Catalogue Mailed Free on Application

Prices on Tools and Sundries subject to change without notice

FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE

All Fertilizers delivered free-on-board Philadelphia. Prices subject to change without notice.

Pure Bone Meal. A fertilizer for all purposes. 3 lbs., 25 cts.; 5 lbs., 35 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75; 200 lbs. sack, \$7.25; ton, \$67.50.

General Crop Grower (Trucker's Favorite). A high grade fertilizer for all vegetables. 100 lbs., \$3.00; 200 lbs., \$5.00; ton, \$45.00.

Cattle or Cow Manure, Shredded. For garden and greenhouse, especially good to mix with compost. 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

Land Plaster. For compositing, fertilizing or mixing with manure; also used for mixing with Paris Green. 100 lbs., \$1.75; 200 lbs., \$3.00; ton, \$25.00.

Nitrate of Soda. A fertilizer for all crops. It is very quick in action and hastens maturity of crops. 5 lbs., 75 cts.; 25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., \$6.50.

Poudrette. Contains all the elements necessary for plant life; used extensively by market gardeners. Per 100 lbs., \$2.50; 200 lbs., \$4.00; 1000 lbs., \$17.50; ton, \$32.50.

Phosphate. (High grade acid phosphate.) Sack of 200 lbs., \$3.50; ton, \$30.00.

Sheep Manure, Pulverized. (Wizard Brand.) A pure natural manure, unequalled for mixing with potting soil, for lawns, a general garden fertilizer. 2 lb. package, 20 cts.; 5 lb., 35 cts.; 10 lbs., 60 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

INSECTICIDES AND FUNGICIDES

Owing to the Scarcity of Chemicals, Prices on Insecticides and Fungicides Subject to Change Without Notice. Marked* can be sent by Parcel Post at purchaser's expense. Consult your local Post Office for rate from Philadelphia.

***Ant Exterminator.** A powder for destroying ants. $\frac{1}{4}$ lb., 25 cts.; $\frac{1}{2}$ lb., 50 cts.; 1 lb., \$1.00.

Antipest. (Carman's.) A liquid preparation for all insects. 1 qt., 60 cts.; $\frac{1}{2}$ gal., \$1.00; 1 gal., \$1.75.

Aphine. The insecticide that kills plant lice of every description; a strong nicotine extract; dilutes one part to 40 parts of water. 1 qt., \$1.00; 1 gal., \$3.00.

Arsenate of Calcium. (Dry Powder.) A powerful arsenical poison for killing chewing insects. 1 lb., 60 cts.; 5 lbs., \$2.50; 10 lbs., \$4.50; 25 lbs., \$10.00; 50 lbs., \$18.00; 100 lbs., \$33.00.

Arsenate of Lead. (Paste.) For Elm-leaf beetle and caterpillars. Dilute 1 oz. to 1 gal. of water and apply as a spray. 1 lb., 45 cts.; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$6.50; 50 lbs., \$11.50; 100 lbs., \$21.00.

Arsenate of Lead. (Powder.) Superior to paste; has more covering capacity. 1 lb., 65 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.50; 50 lbs., \$22.00; 100 lbs., \$39.50.

Arsenate of Zinc. (Dry Powder.) A quick-acting adhesive insecticide for Rose Bugs and Beetles on potatoes, tomatoes and other truck crops. 1 lb., 65 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.50; 50 lbs., \$22.00; 100 lbs., \$39.50.

Black Leaf 40. A concentrated nicotine solution for spraying. 1 oz., 25 cts.; $\frac{1}{2}$ lb., \$1.00; 2 lbs., \$3.25; 10 lbs., \$13.75.

Bordeaux-Arsenate of Lead. (Dry Powder.) For general use on Apples, Grapes and Garden Truck. 1 lb., 60 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.00; 50 lbs., \$21.00; 100 lbs., \$40.00.

Bordeaux-Arsenate of Lead Mixture. (Paste.) A combined fungicide and insecticide. Three ozs. to 1 gal. of water. 1 lb., 50 cts.; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00; 50 lbs., \$17.00; 100 lbs., \$33.00.

Bordeaux Mixture. (Liquid.) For all fungous diseases; 1 qt., 60 cts.; 1 gal., \$1.50; 5 gals., \$6.50. One gallon will make 1 barrel of liquid.

Bordeaux Mixture. (Paste.) A remedy against Fungous, Rust and rot. Five ounces to one gal. of water is standard strength. 1 lb., 40 cts.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$23.00.

Bordeaux Mixture. (Dry.) For mildew and fungous diseases best to use dry. 1 lb. box, 55 cts.; 5 lbs., \$2.50; 10 lbs., \$4.50; 25 lbs., \$10.50; 50 lbs., \$20.00; 100 lbs., \$38.00.

Bordeaux Zinc. (Dry Powder.) A combination insecticide and fungicide for Potatoes and Tomatoes. 1 lb., 60 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.00; 50 lbs., \$21.00; 100 lbs., \$40.00.

***Bug Death.** Used instead of Paris Green for eating insects on Potatoes, Cucumbers, Squash and Currants. 1 lb., 25 cts.; 3 lbs., 50 cts.; 5 lbs., 75 cts.; 12 $\frac{1}{2}$ lbs., \$1.50.

Cattle Comfort. For insects on domestic animals. Qt. can, 75 cts.; gal. can, \$2.00; 5-gal. can, \$9.00.

Copper Solution. (Liquid.) For Fungus, Mildew, Leaf Blight, Rust and Black Rot. 1 qt., \$1.25; 1 gal., \$3.00.

***Fir Tree Oil Soap.** $\frac{1}{2}$ -lb. can, 50 cts.; 2-lb. can, \$1.50.

Fungine. A remedy for fungous diseases of all kinds. 1 qt., \$1.00; 1 gal., \$3.00.

***Good's Caustic Potash Fish Oil Soap.** Recommended as a summer and winter wash for scale and all insects. 1 lb., 30 cts.; 5 lbs., \$1.25; 25 lbs., \$5.50.

***Grape Dust.** For mold, mildew or rust mites, either in greenhouses or the open air. 5-lb. pkg., 90 cts.; 10 lbs., \$1.75; 25 lbs., \$4.00; 100 lbs., \$14.50.

Hellebore. For currant worms and sucking insects. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., \$3.00.

***Insect Powder.** (Pure Dalmatian.) For roaches, fleas, etc. $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; 1 lb., 90 cts.

***Kerosene Emulsion.** (Paste.) Used as a summer wash against scale, plant lice and aphids. 1-lb. can, 30 cts.; 5-lb. can, \$1.25; 25-lb. can, \$5.00. One pound makes 10 gallons of spray.

Kerosene Emulsion. (Concentrated liquid.) For plant lice and aphids. 1 qt., 75 cts.; 1 gal., \$1.75; 5 gals., \$8.00.

Lemon Oil Co.'s Insecticide. For all insects and soft scale. Recommended for house plants. $\frac{1}{2}$ pint, 30 cts.; pt., 50 cts.; qt., 90 cts.; $\frac{1}{2}$ gal., \$1.50; gal., \$2.50; 5-gal. keg, \$10.50.

***Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method of fumigation ever devised. Tin box of 24 sheets, \$1.25; box of 144 sheets, \$5.00; 288 sheets, \$9.50.

Nico Fume Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb., 65 cts.; 1 lb., \$2.00; 4 lbs., \$7.50; 8 lbs., \$14.50.

Paris Green. $\frac{1}{2}$ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., \$3.00.

Pyrox. A combined insecticide and fungicide for all leaf eating insects. 1 lb., 45 cts.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$20.00.

***Rat Corn.** Sure death to rats and mice. 25 cts., 50 cts. and \$1.00 size cans.

Readeana Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. Bottle, 30 cts., 50 cts., \$1.00; $\frac{1}{2}$ gal., \$2.25; per gal., \$4.00.

***Slug Shot.** One of the cheapest and best powders for destroying insects, especially on cabbage. 1 lb., 20 cts.; 5 lbs., 55 cts.; 25 lbs., \$2.35; 50 lbs., \$4.50; 100 lbs., \$8.75.

Sulphide of Potassium. Recommended for mildew on Roses. Use $\frac{1}{2}$ ounce to 1 gal. of water; 4 oz. bottles, \$1.00.

***Sulphur, Powdered.** For mildew. Lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00.

***Tobacco Dust.** For fumigating and dusting plants. 1 lb., 10 cts.; 5 lbs., 35 cts.; 25 lbs., \$1.50; 100 lbs., \$5.00.

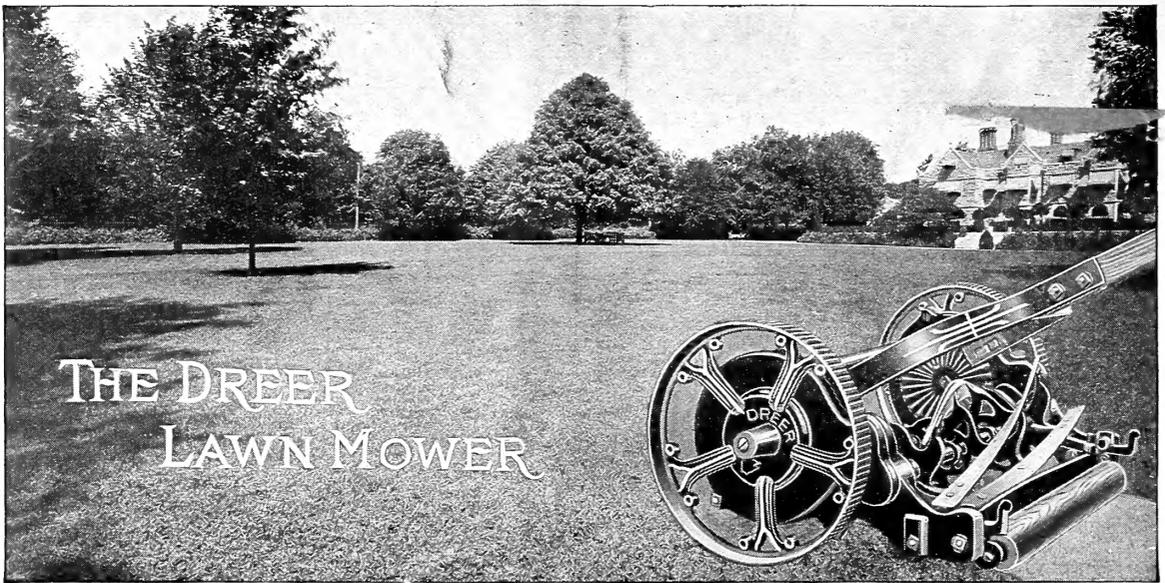
***Tobacco Soap.** One of the best insecticides for general use. Pkg., 25 cts.; 10 lb. can, \$2.50.

***Tree Tanglefoot.** (Caterpillar Paste.) A remedy against caterpillars and all tree climbing insects. Apply around the trunk of the tree a circle, 3 to 5 inches wide. 1 lb., 50 cts.; 3 lbs., \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75; 25 lbs., \$10.50.

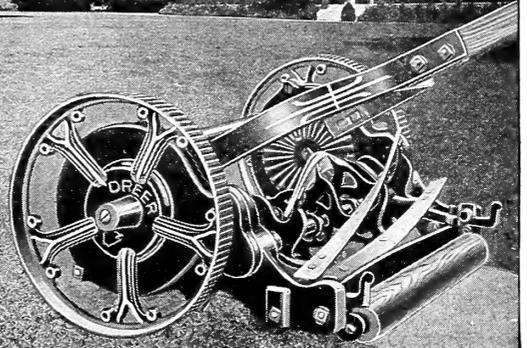
Weed Killer. For cleaning gravel paths, drives and gutters of weeds, moss, etc. A great labor saver. 1 gal. makes 1 bbl. of liquid. 1 qt., 60 cts.; $\frac{1}{2}$ gal., 90 cts.; gal., \$1.75; 5 gals., \$6.75; 10 gals., \$12.50; 30 gals., $\frac{1}{2}$ bbl., \$33.00; bbl., \$47.50.

***Whale or Fish Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 25 cts.

Worm Eradicator. For removing worms of any kind in greenhouses and potted plants, etc., without injury to the most delicate plants. Bottle, 50 cts. and \$1.00.

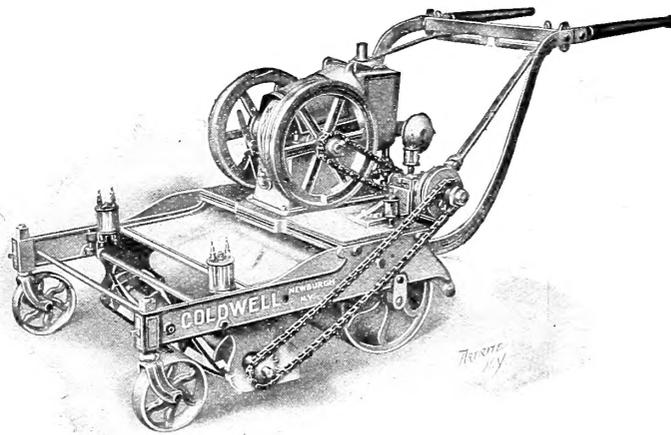


THE DREER LAWN MOWER



The Drear High Wheel Lawn Mower is now extensively used on private and public grounds, is guaranteed, has no superior, is self-sharpening, is the easiest running, has 10-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 the four-blade does excellent work. We can furnish all repairs at short notice.

	With 4 Blades	With 5 Blades	Grass Catcher, Extra
15-inch cut.....	\$22.00	\$23.00	\$3.00
17 " "	24.25	25.50	3.00
19 " "	27.50	28.75	3.25
21 " "	30.00	31.25	3.50



The Coldwell Motor Lawn Mower

The Coldwell Combination Roller and Motor Lawn Mower

Large estates, City Parks and Public Grounds, and all up-to-date Golf Links now recognize the fact that with the use of the Motor Power Lawn Mowers their lawns and courses are improving.

Style H, 30-inch cut, complete (f. o. b. factory).....	\$400.00
Style G, 35-inch cut, complete (f. o. b. factory).....	450.00

The "Ideal" Power Lawn Mower

Ideal Mowers insure velvety lawns, the work is done quickly and easily by one man and at a minimum expense. The mechanical construction is very simple, an ordinary workman can do perfect work with it.

Five cutting blades. 30 inches. Weight, 610 lbs. Price (f. o. b. Philadelphia) . \$370.00

Pennsylvania "Grand" Horse Lawn Mower

30-inch cut, 4 blades	\$125.00	38-inch cut, 4 blades	\$155.00
30 " " 6 "	145.00	38 " " 6 "	175.00

With Shafts, Seat and Foot-board, as illustrated, \$20.00 extra.

Pennsylvania Horse Lawn Mower

30-inch cut, 4 blades	\$110.00	38-inch cut, 4 blades	\$140.00
30 " " 6 "	130.00	38 " " 6 "	160.00

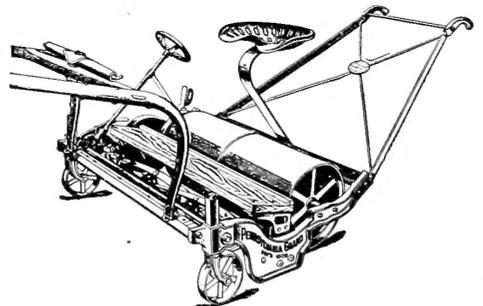
With Shafts, Seat and Foot-board, \$20.00 extra.

25-inch Pony Mower, 4 blades, \$60.00; 6 blades..... \$70.00

Coldwell Horse Lawn Mower

Complete with Seat, Shafts and side Draft Attachments.

30-inch cut, 4 blades	\$98.00	40-inch cut, 4 blades.....	\$138.00
35 " " 4 "	118.00	25-inch cut, 4 blades, with- out seat or shafts.....	60.00



THE PENNSYLVANIA "GRAND" HORSE LAWN MOWER