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# DREER'S

## Garden Calendar 1898



"GRAND NEW ROSE"  
Souvenir du President Carnot  
For description and price see page 132.



# HENRY A. DREER

## 714 CHESTNUT ST. PHILADELPHIA.

# General Directions to Correspondents.

PHILADELPHIA, January, 1898.



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

**POSTAGE PAID.**—We deliver, postage paid, to any Post Office in the United States, **Vegetable and Flower Seeds, in Packets, Ounces and Pounds**, also Bulbs and plants, when ordered at Catalogue prices, **except where otherwise noted.** *No orders for plants by mail will be accepted for less than 50 cents in value.*

**CANADA POSTAGE.**—Remit for postage at the rate of 8 cents per pound or fraction thereof for all seeds. For Peas, Beans, Corn, and other goods that are excepted in body of Catalogue, remit double that amount for postage. Seed, Plant, and Bulb

postage from the United States to Canada is double that of the United States.

**EXPRESS.**—It will be very much cheaper to the purchaser if Seeds are ordered to be sent by Express or Rail at their expense when desired in quantities of pounds, quarts, and upwards. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and "extras" are added to help defray charges. *Plants are now taken by the leading Express Companies at a reduction of twenty per cent. from the regular rates for merchandise.*

**BAGGAGE-MASTER DELIVERIES** are very convenient to points within twenty-five miles of Philadelphia. Charges for packages not exceeding 10 lbs. 5 cents, 25 lbs. 10 cents, 50 lbs. 15 cents.

**RAIL OR STEAMER.**—Fertilizers, Implements and miscellaneous bulky or heavy articles can be sent only by Express, Rail or Steamer, at the purchaser's expense.

**PACKING.**—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Offices in Philadelphia.

**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 letters 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, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge, and in a few days receive the money, make the proper credit and send receipt, requires more work than we can readily perform.

**NEW CUSTOMERS.**—Orders from parties unknown to us must be accompanied by a remittance or by satisfactory reference to some responsible house, or to some person of our acquaintance. We decline sending goods "Collect on Delivery" to parties unknown to us unless remittance be made on account to guarantee acceptance.

**ORDER EARLY.**—It will greatly facilitate shipments if orders are sent in *early*. We aim to send off all orders the same or next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering *early*.

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

**SAFE ARRIVAL OF PACKAGES.**—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, by Mail or Express, we will replace it as soon as informed of the fact. 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. Complaints must be made on receipt of goods.

**NAME AND ADDRESS.**—Please remember to write 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.

**PLANT ORDERS** should be separated from the seed orders; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional Express charges.

**NON-WARRANTY.**—We wish it to be distinctly understood that although we continue to take all possible pains to supply only New, Genuine and Unadulterated Seeds, Plants and Bulbs, we still give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any of the Seeds, Plants or Bulbs we send out, and will not be in any way responsible for the crop. Every order received for articles named in this Catalogue will be executed on these conditions only.

**Deutsche Correspondenten.**—Alle Bestellungen und Correspondenzen in deutscher Sprache werden mit Sorgfalt ausgeführt.

**HENRY A. DREER,**  
714 Chestnut Street,

LOCK BOX 1618.

PHILADELPHIA, PA.

For the Beautiful New Rose, Souv. du Pres. Carnot, shown in colors on the front cover, see page 132. . . .

• Dreer's Superb Double Fringed Petunias, shown in colors on back cover, see offer of seed on page 83. . . .  
• Plants on page 129.

# NOVELTIES AND SPECIALTIES IN VEGETABLE SEEDS FOR 1898.

Novelties produced by specialists in this country and abroad are carefully tested in our trial grounds during the summer, and the descriptions given are mainly as received by the introducers.

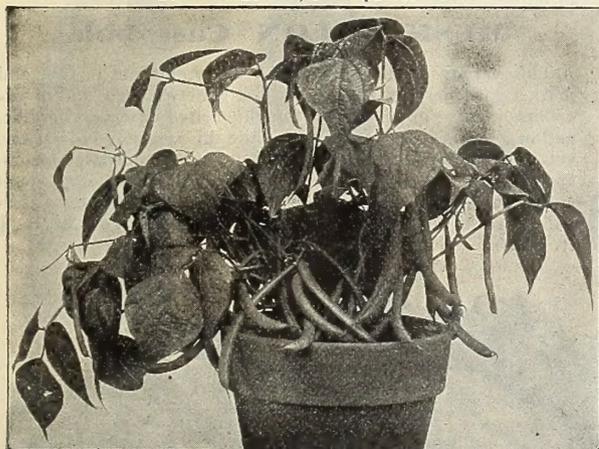
## New Wonder Bush Lima Bean.

### DREER'S.

We have paid close attention to this class of Beans since their first introduction, and have made critical tests of every variety on the market and noted all improvements as they developed with each new type, our aim being to secure one which possesses qualities most desirable in this class of Beans, viz.: earliness, dwarfness, flavor and heavy cropping qualities. These we can attribute to the New Wonder. We made a planting on June 29th, in our experimental grounds, during the season of 1897, and on August 17th, just seven weeks from date of planting, we took the first pod with matured beans from the plant. This is the best record in our experience with Bush Limas. The character of plant is dwarf and compact, the pods completely filling the plant from top to bottom (as shown in illustration). The extreme ends of branches are filled with buds, hence no runners. The beans are of the large flat type, in flavor equal to the famous Dreer's Bush Lima, so well known to the public. The "New Wonder" is a novelty of the highest character—it is the earliest, dwarfest and most prolific of the whole class of Bush Limas—a big crop from a small space. This variety is a decided improvement on the original type of Burpee's Bush Lima; is also 10 to 15 days earlier. Pkt. of 15 seeds 25 cts., 5 for \$1.00. *Stock limited.*



NEW WONDER BUSH LIMA BEAN (DREER'S).



TRIUMPH OF THE FRAMES BEANS.

## New Dwarf Forcing Bean. TRIUMPH OF THE FRAMES.

After a second year's trial of this variety we are convinced that it has gained a very high position among the green flageolet type. It is very prolific, very dwarf and produces a mass of beautiful pods of rich green and as tender as butter. The pod is flat and long, and when dry the shelled beans retain their pale green color, which is a very desirable feature. This variety is particularly adapted to forcing. It bears its crop in one solid mass beneath the foliage and can be picked quickly. Being very dwarf it can be sown in hot-beds for forcing, and can also be grown in a small space. In large European establishments for the cultivation of vegetables under glass, this sort is grown entirely in pots. By this means they take up little room, and in the conservatory where the temperature does not fall below 55° they can be produced during the winter and early spring months without much trouble. Pkt. 15 cts., pint 35 cts., qt. 60 cts.



NEW STRINGLESS GREEN POD BEAN.

## New Stringless Green Pod BUSH BEAN.

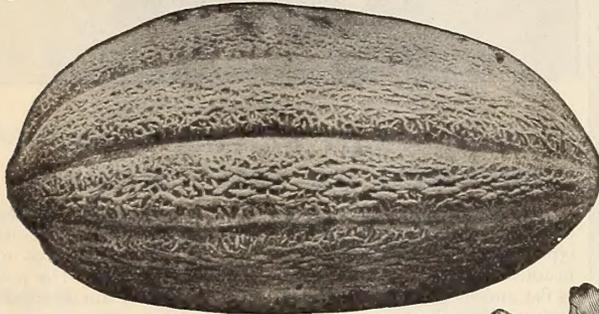
This variety deserves the good name it bears. It is positively stringless and remains tender and crisp longer after maturity than any other variety. Our repeated trials, since its introduction, enables us to speak in highest terms of its qualities. We have secured stock from our grower for the coming season of such excellent quality that we are pleased to place it among the list of novelties for 1898. The pods are of pale green, long and straight, perfectly round and meaty, maturing with the earliest of the green-pod varieties. Not only is it a valuable market gardener's sort, but certainly an acquisition for the amateur. Price: Per pkt. 10 cts., pint 20 cts., qt. 35 cts., ½ peck \$1.25, peck \$2.25.



CABBAGE, "GOLDEN SUGAR WINTER."

**CABBAGE—Golden Sugar Winter.**

This excellent variety was introduced in Europe for the first time in the fall of 1896. It is entirely distinct in character and color, has a very hard head and a short trunk; its special feature is the golden color after being put up, which makes it very attractive compared to the ash-gray color usual among winter Cabbage. This variety is medium late, and is perfectly solid at maturity without breaking. Color of foliage dark green, looking very much like an early sort. The compact growth of this variety admits its being planted much closer than the old varieties of late sorts, and comparatively no loss, as every plant grows into a solid head. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.



MUSK MELON, "CASSABAH."

**LETTUCE—Wonderful.**

This sterling novelty was offered by us for the first time in our last year's catalogue; we can say without fear of contradiction it is the best Lettuce ever introduced. We received from many of the best-known gardeners in the country testimonials of this variety. John Paget, gardener at Pennsylvania Hospital, Harrisburg, Pa., sent us specimens from open ground on June 19, 1897, each weighing  $2\frac{3}{4}$  lbs. Robt. Rossborough, gardener to C. F. Fox, Esq., Ogontz, Pa., sent us, on May 28th, specimens from hot-beds weighing 2 lbs. each. The above specimens were all with hard, white heads, crisp, of fine flavor, very tender. During the summer many of our customers reported on their phenomenal success with the Wonderful, having produced specimens weighing 6 lbs. James Campbell, gardener to J. D. Winsor, Esq., Haverford, Pa., exhibited specimens at the Pennsylvania Horticultural Society during the summer which weighed 4 lbs. each; they were images of winter Cabbage with outer leaves removed. We are pleased to place this variety among the novelties of this season, feeling assured that it will meet with louder praise than before. Pkt. 10 cts., 3 pkts. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**CELERY.****New Golden Rose Self-blanching.**

In character this variety is identical with the Golden Self-blanching, except the color, which is a beautiful rosy tinge, shading to very pale pink at top of stalk; the ribs are prominent and the stem thick, solid and brittle; being of hardy nature, it possesses good keeping qualities. While it is very ornamental, very early, and positively self-blanching, it bleaches to a beautiful golden-yellow at the heart after storing for winter. It



CELERY, "GOLDEN ROSE SELF-BLANCHING."

is also the best-flavored celery beyond any question. The Rose and Red varieties of Celery are not used extensively; this is because they are not better known. We claim for the Golden Rose a brilliant future. The private and market gardeners around Philadelphia exhibited magnificent specimens at the fall exhibitions. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**MUSK MELON—Cassabah.**

This variety should be tried by every amateur, private and market gardeners, as it is the largest variety grown, and of excellent quality; green fleshed, roughly netted rind, very prolific, and of good keeping qualities. While this is a very old variety, yet it has the qualities not contained in any other large melon, and the inference generally is that only the small sorts are of good flavor. Too much cannot be said in favor of the "Cassabah;" we still esteem it a novelty. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.



NEW LETTUCE, "WONDERFUL."

# The New Family of Extra Early Wrinkled Peas.

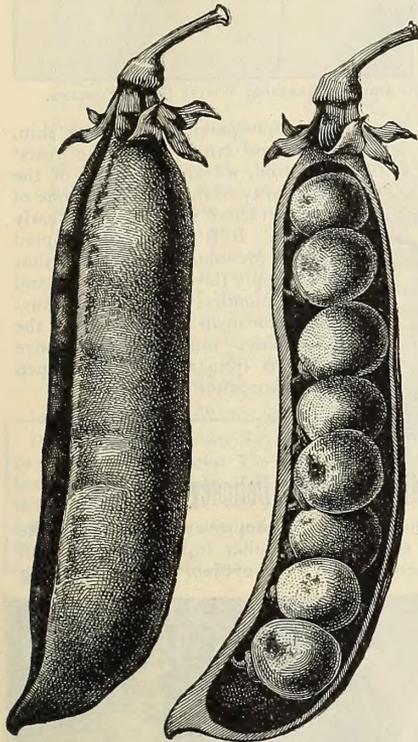
Owing to the impossibility of having a continued crop of Peas throughout the summer (from July to October), it is our aim to introduce a class of Peas of the wrinkled type, which possess quality, quantity and earliness, thereby enabling at least three plantings of Peas which have no equals. Our trials of 1897, which embraced 114 tests, embodying every class, variety and novelty of Europe and America, were to us a bit of experience never before accomplished. We, therefore, feel confident that we have a class of Peas embraced in those offered here that will surely meet all requirements, as they are not novelties because distinct from types already catalogued, but are the *best* yet offered, and are far ahead of any class of Peas ever tried.

## DREER'S EXTRA EARLY PEA "ELECTRIC."

This new and distinct variety is a close selection of the Alaska type, being not only earlier but with much larger pods, producing a heavy crop of beautiful green Peas shouldered

in the pod. The vine grows 3 feet high, and when ready for picking they are covered with evenly filled pods in profusion. The accompanying illustration, taken from a photograph, shows the pod and grain just at maturity. This variety will become a favorite among gardeners.

It remains tender at full maturity, and becomes a very dark-green color after cooking. The seed is a rich green; they can be sown as early as the ground can be worked. Pkt. 10c., pt. 20c., qt. 35c.,  $\frac{1}{2}$  peck \$1.25.



NEW PEA "AMEER."

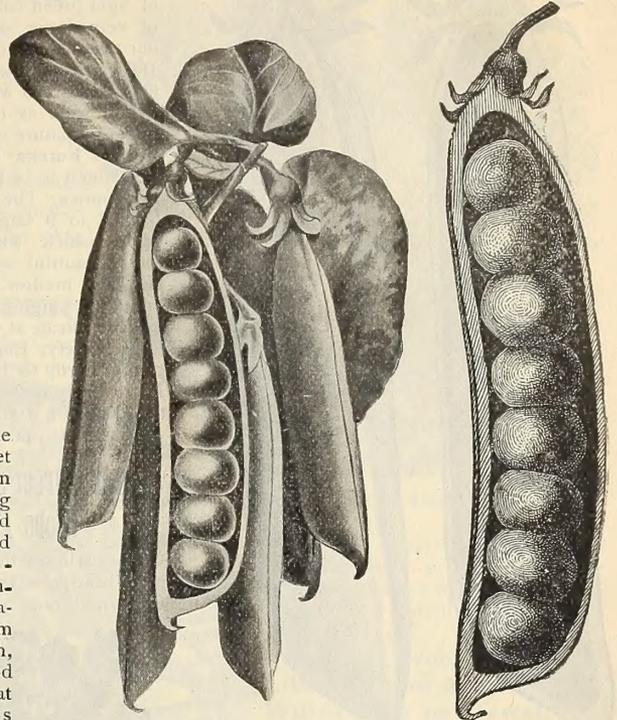
colored pods of such large size will always sell at advanced prices over other sorts. The illustration is from a pod taken from the vine in our experimental grounds on the 16th of June, and shows plainly how this variety bears its crop. Pkt. 10 cts., pt. 30 cts., qt. 50 cts.

## EARLY WRINKLED PEA

### "DUKE OF YORK."

A variety with immense pods, and of the best of the extra early wrinkled sorts. It has been closely selected from the Duke of Albany, and much dwarfier; grows only 2 $\frac{1}{2}$  feet high; is of a very dark color in pod and foliage; the pods are long and well filled with large, dark green peas; extremely tender and of excellent flavor; is a superior market gardener's variety. No private gardener should fail to give the Duke of York a trial. Pkt. 10 cts., pt. 20 cts., qt. 35 cts.

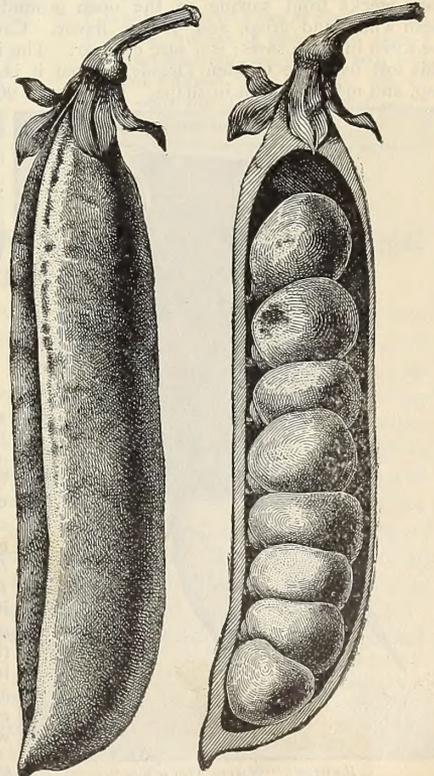
One packet of each of the above varieties, including the "Gradus" on page 4, for 35 cts.



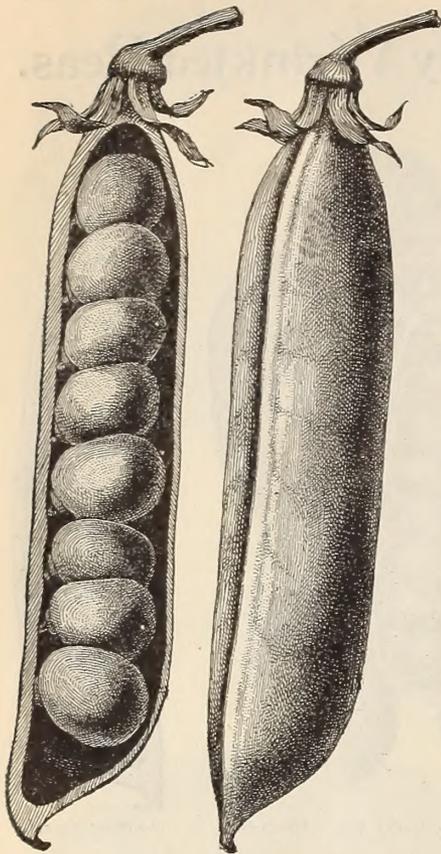
DREER'S EXTRA EARLY PEA "ELECTRIC." NATURAL SIZE.

## NEW PEA "AMEER."

A distinct early round-grain variety, growing from 3 to 4 feet high, of a rich deep green color, following close upon the extra early sorts; bears its pods in pairs, of large size, curved and very broad, filled with large grains of fine quality. The seed is blue, round and can be sown very early and not be injured by cold, wet weather of early spring. This is one of the sorts of which repeated plantings can be made through the spring, as they are not affected by the early summer heat. It is, therefore, highly valuable for market gardeners, as the deep



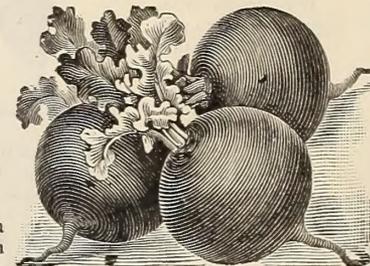
"DUKE OF YORK."



NEW PEA "GRADUS."

**Radish "Improved Golden Dresden."**

A perfectly round Radish, with golden-brown skin and very small top, ready for the table in four weeks from sowing in the open ground; flesh white and crisp, and of fine flavor. Can be sown in close rows; is a sure cropper. The improvement of this sort over the Golden Dresden is that it is earlier, smaller top, and more uniform in shape. Pkt. 5c., oz 20c., ¼ lb. 60c.



RADISH "IMPROVED GOLDEN DRESDEN."

**New Pea "Gradus."**

An early wrinkled variety of the highest type of perfection; grows 2½ feet in height, is a vigorous grower; of light green color; pods and grain of very large size. The result of our experiments during the season of 1897 was an utter surprise to us, in finding a green wrinkled variety with a pod such as the "Gradus" produces to mature only three days after Dreer's Eureka Extra Early, hence we claim it to be the earliest wrinkled Pea known. The large pods produce from 7 to 9 large shouldered Peas each, which when cooked retain their beautiful soft green, and are rich and mellow. The Gradus has taken the highest award and first-class certificate at the Royal Horticultural Society, England. It is sufficiently hardy to be planted with the Extra Early types. Don't fail to give the Gradus a trial.

Pkt. 15 cts., pt. 40 cts., qt. 75 cts.

**Radish "Dreer's Earliest White Globe Forcing."**

The earliest white Radish in existence, bearing a beautiful oval-shaped very small root, also small top; flesh



DREER'S EARLIEST WHITE GLOBE FORCING.

Radish, with transparent ivory-white skin, white, tender and crisp. After two years' thorough trial, we are convinced of the superior quality of this sort, being one of the most attractive varieties of an early forcing type. It is particularly adapted to forcing in greenhouse or hot-bed, thus giving a supply through the winter and early spring months; is the quickest maturing sort for open ground during the spring, summer and fall. The above illustration is from a bunch from open ground 18 days after sowing.

Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts.

**Radish "White Delicacy."**

An excellent summer variety; an improvement on the White Strasburg, being earlier, more evenly shaped, and smaller top; grows into full size and perfect shape during the hottest weather; for outdoor early fall sowing the Delicacy is sure to make a crop of uniform white Radishes, which are in quality first-class—a profitable market gardener's sort.

Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25.

**Tomato "Honor Bright."**

We believe this to be a grand acquisition to the list of Tomatoes; having given it a thorough trial, we are ready to endorse all that the introducer says in its favor. Its chief peculiarities are its solidity; changes of color the fruit undergoes during development: first it is light green, then an attractive waxy-white, then lemon changing to red; it is, nevertheless its peculiarities, one of the longest keeping varieties and of excellent quality; it can be shipped in barrels like apples, and if picked in the early stage they can be stored in a cool place and will keep from one to four weeks.



TOMATO "HONOR BRIGHT."



RADISH, "WHITE DELICACY."

Pkt. 10 cts., oz. 50 cts., ¼ lb. \$1.75.

# FLOWER SEED NOVELTIES....

## AND SPECIALTIES.

The General List of Flower Seeds will be found on pages 55 to 92.

### WHITE TRIUMPH ASTER.

5243 New white flowering variety of this splendid dwarf Pæony-flowered Aster; very large incurved flowers; especially adapted for pot culture or for bedding. Height, 1 foot. (See cut.) 25 cts. per pkt., 5 pkts. \$1.00.



WHITE TRIUMPH ASTER.

### WHITE OSTRICH-FEATHER ASTER.

5244 This magnificent new Aster bears some resemblance to the Giant White Comet, differing in its candelabrum form of growth and much greater freedom of bloom, but its greatest merit is found in its flowers, which are of immense size, averaging 6 inches in diameter, of a beautiful snow-white, made up of much longer, more loosely formed petals, equaling the best Japanese Chrysanthemums. As a cut flower for vases, baskets or other floral arrangements, these grand long-stemmed flowers are invaluable—a "Gem" among Asters. Awarded a silver medal at the International Horticultural Exhibition, Hamburg, 1897. (See cut.) 25 cts. per pkt., 5 pkts. \$1.00.



DREER'S LATE BRANCHING ASTER.

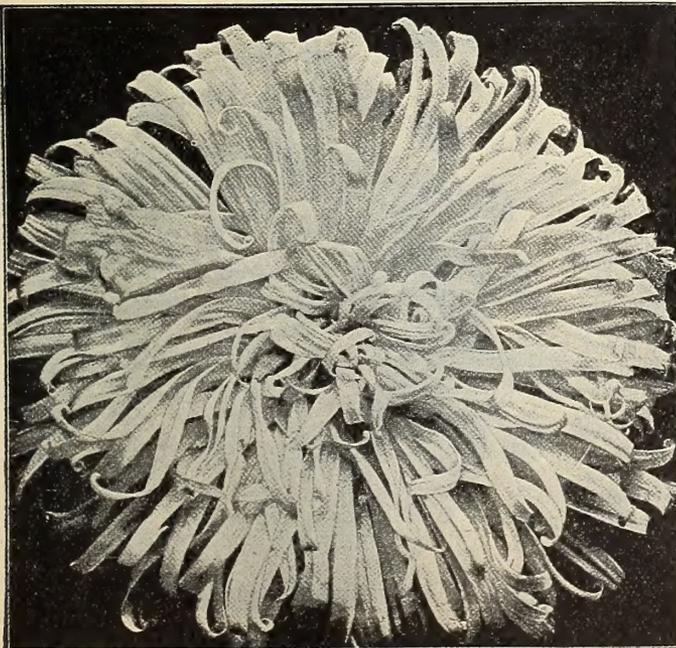
We call special attention to the following Asters of recent introduction which will be found offered with the standard varieties on pages 58 and 59:

- Climax or Tree Aster.
- Lilac Mignon Aster.
- White Ball or Jewel Aster.
- Japanese Aster.
- Ray Aster.

Imported collections of Asters are offered on page 59.

Do not fail to try our Superb Double-Fringed Petunias, shown in colors on the back cover of this Catalogue. Seeds are offered on page 83.

A select list of Flower Seeds from Messrs. Sutton & Sons, the celebrated English seedsmen, will be found offered on page 10. They are sent out in Messrs. Suttons' original packets.



WHITE OSTRICH-FEATHER ASTER.

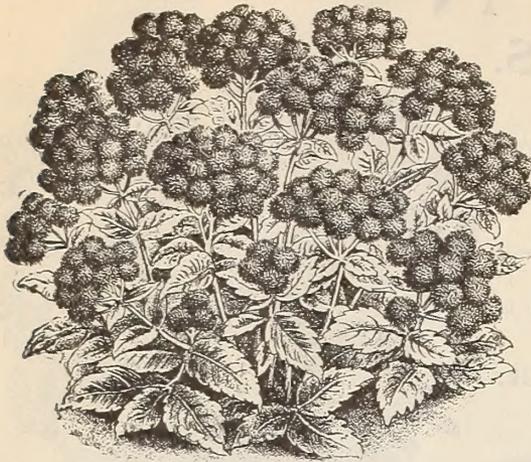
### DREER'S SELECT LATE-FLOWERING BRANCHING ASTERS.

A selection from Semple's Branching Asters, which for size of bloom, freedom of flowering and other good qualities we have never seen equaled. The plants form strong robust bushes about 2 feet high, bearing profusely on long strong stems handsome Chrysanthemum-like flowers, many being over 6 inches in diameter. The form of the flowers is beautifully shown in the illustration, and as can be seen have none of the stiffness usual to most Asters, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling in the gap between the general run of Asters and Chrysanthemums. We offer three distinct and beautiful colors:

|                         | PER PKT. |
|-------------------------|----------|
| 5235 Pure White.....    | 10 cts.  |
| 5236 Shell Pink.....    | 10 cts.  |
| 5237 Lavender Blue..... | 10 cts.  |
| 5223 Mixed Colors.....  | 10 cts.  |

1 pkt. each of the three colors, 25 cts.

## THREE BEAUTIFUL BEDDING BEGONIAS.



AGERATUM BLUE PERFECTION.

### AGERATUM BLUE PERFECTION.

- 5047 This novelty is the darkest colored of all large flowering Ageratums. Color deep amethyst-blue; compact growth; a most valuable plant for beds or borders. Per pkt. 25 cts., 5 pkts. \$1.00.



BEGONIA, CRIMSON GEM.

### NEW CRESTED BEGONIA

- 5279 A most novel and interesting variety, each flower having a raised crest in the centre of each petal, which is correctly shown in the illustration. It belongs to the tuberous-rooted section, and in habit of growth, size and coloring of flowers it is identical with those well-known and popular favorites. Per pkt. 50 cts.



CRESTED BEGONIA.

### BROWALLIA SPECIOSA MAJOR.

- 5325 A beautiful new large-flowering variety of the most brilliant ultramarine blue, a rare color; especially valuable as a pot-plant for winter and early spring flowering. Per pkt. 15 cts.

### DWARF EARLY-FLOWERING COSMOS "DAWN."

- 5648 We introduced this variety last year and have received flattering reports from many points as to its early flowering qualities. It is seldom that a novelty can be offered having so many new and desirable features as has this glorious new Cosmos. The Cosmos is now one of the most popular flowers, but frequently, on account of its coming into bloom so late, the plants are destroyed by frost without having perfected a solitary flower. This new variety comes into full flower in July, and continues a mass of bloom until cut down by severe frost. This feature alone is sufficient to stamp it as a novelty of the first-class, and will make their successful cultivation possible in the most northerly States and Canada; but, added to this, it is of dwarf, compact growth, growing only  $4\frac{1}{2}$  feet high, while the old variety growing alongside towers up nearly 7 feet, a victim to the first strong wind. The flowers are fully as large as in the best selections of the old type; the color is a beautiful white, relieved by a delicate tint of rose at the base of the petals, altogether the finest novelty introduced in many years. It originated in the garden of one of our customers in northern New York. Per pkt. 15 cts., 2 pkts. for 25 cts.



COSMOS "DAWN."

These are varieties of *Begonia semperflorens* and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. Furthermore, they are as easily raised from seed as the ordinary annuals, and can be started in early spring in a hot-bed or window, and have nice plants ready to set out in May, thus saving all the room usually given to the carrying over of bedding plants. They are of sturdy growth, growing about 1 foot high and forming dense bushes, which from May until frost are completely hidden with flowers. As pot-plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year.

5276 **Coral Gem.** A most distinct and attractive variety of pale rose or peach color. Per pkt. 20 cts.

5277 **Crimson Gem.** The most brilliant of all; flowers deep rich red, foliage bronzy-crimson; very effective in beds. Per pkt. 20 cts.

5278 **Duchess of Edinburgh.** White, suffused with bluish-pink; very large flowers. Per pkt. 20 cts.

One pkt. each of the 3 Bedding Begonias for 50 cts.

**WONDERFUL BELLFLOWER.**  
**Campanula Mirabilis.**

5369 Following is the description given by the introducers: "Without any doubt the most beautiful of all Bellflowers known. It belongs to the class of *C. Medium*, but has no resemblance whatever to any of the Campanulas cultivated up to the present day. Being densely branched from the bottom, it forms a low pyramidal bush of about 2 feet in diameter; each branch, even the smallest, produces a great number of large flowers of a pale blue or lilac color. The plants, when in full bloom, present a regular flowering pyramid of at least a hundred blossoms open at the time. The singular leaves are hard and leathery, garnished with thin and sharp teeth at their edges."

The discoverer says further in his description that "Words cannot describe the extraordinary beauty of this plant." Per pkt. 35 cts., 3 pkts. for \$1.00.

**Heliotrope Lemoine's Giant.**

5938 The largest flowering and strongest growing variety ever introduced. The seed we offer was procured direct from the originator. Per packet, 10 cts.



CAMPANULA MIRABILIS.

**DREER'S**

**Novelty Mixture of  
CANNA SEED.**

5400 This is seed saved on our own grounds the past season from the finest of the new varieties, including such sorts as Goliath, Pres. Cleveland, Furst von Hohenlohe, Menelek, Sam. Trelease, Sunray, and other high-class novelties, and may confidently be expected to produce plants fully equal if not superior to their distinguished parents. Full description of the varieties above named will be found on pages 11 to 16. Per pkt. 15 cts., 2 pkts. 25 cts.



CHRYSANTHEMUM MAXIMUM "TRIUMPH."

**Chrysanthemum**

**Maximum "Triumph."**

5482 A new Moonpenny Daisy or Marguerite, surpassing all previous sorts in the size of its flowers, which average 4 in. across, and in its free-flowering qualities; the blossoms are of the purest white, with yellow centre, and are borne on long, strong stems, lasting a long time when cut, making it exceedingly valuable for filling vases and other floral decoration. It is perfectly hardy, and should find a place in every herbaceous border. Per pkt. 25 cts.; 5 packets for \$1.00.

**NEW FEATHERED CYCLAMEN.**

**Bush Hill Pioneer.**

5667 This, the first variety of its kind, is undoubtedly destined to be the forerunner of an entirely new strain of this popular winter and spring flowering plant. Flowers white, of considerable substance, with a strikingly distinct crest or feather upon the face of each petal, adding enormously to the lasting properties of the flower, besides opening up the possibilities of endless variety by the introduction of a colored feather on a white ground, or a white feather on a colored ground. Per pkt. 60 cts., 2 pkts. \$1.00.

**Special attention** is directed to the following especially desirable and comparatively new Flower Seeds:

- Cyclamen, Double Flowering.** Described on page 66.
- Dwarf Hybrid Fringed Pinks.** Described on page 68.
- Gladiolus, Groff's Hybrid.** Described on page 71.
- Hollyhock, Mammoth Fringed.** Described on page 74.
- Hunnemannia Fumariæfolia.** Described on page 74.
- Imperial Japanese Ipomœas.** Described on page 75.



NEW FEATHERED CYCLAMEN.

## Emperor Salpiglossis

6487 The Salpiglossis is one of the greatest favorites amongst annuals, partly because of its easy culture but principally by its beautiful, in their design, almost orchid-like flowers which it produces from early summer until late fall. This new variety forms only one leading stem and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold, and much larger than the finest of the "Grandiflora" type. The throat is short and the edge of the flower not so deeply incurved as in the old type, giving it a more rounded form and displaying the rich colors to the best advantage. We had the pleasure of seeing this beautiful plant in the gardens of the introducer last summer, and are satisfied that it will soon become a favorite. Per pkt. 35 cts., 3 pkts. \$1.00.



EMPEROR SALPIGLOSSIS.

## NEW DWARF PETUNIA "SNOWBALL."

6277 A fine compact variety, forming bushes about 8 inches high, and producing its pure satiny-white flowers throughout the entire season. A splendid sort for pots or for bedding. Per pkt. 20 cts., 3 pkts. 50 cts.



BLUE BEDDING LOBELIA, HETEROPHYLLA MAJOR.

## SUNFLOWER GOLDEN BOUQUET.

5925 A new hardy perennial variety, coming into flower in June from seed sown in April, and continuing in bloom until fall. The plants grow about 3 feet high, forming a regular pyramid, branched from base to top, each branch bearing on long slender stems a multitude of golden-yellow flowers each from 2 to 2½ inches across. An invaluable cut flower for vases, etc., and an excellent decorative plant for the garden. Per pkt. 25 cts.

## BLUE BEDDING LOBELIA, HETEROPHYLLA MAJOR.

6019 While not a new variety it is one that we have never seen offered in this country, and after two seasons' trial we are convinced that it is one of the best for this climate, coming into flower early, standing the heat well and continuing to bloom without interruption until frost. The plant forms dense globular bushes about 6 inches high, completely smothered with flowers which are of very large size, over an inch across, and of a most brilliant sky-blue with a clear white eye. Per pkt. 15 cts., 2 pkts. 25 cts.

## MIGNONETTE, SALMON QUEEN.

6099 Last summer we made an extensive trial of Mignonettes to determine the best varieties for outdoor culture. The variety here offered was decidedly the best of the lot, being of strong, robust habit, with fine spikes of bright salmon-red flowers and intensely fragrant, this variety and the Golden Machet, offered on page 79, dividing the attention of the bees in their search for honey. Per pkt. 15 cts., 2 pkts. for 25 cts.

We call special attention to our strains of

## DOUBLE FRINGED PETUNIAS

shown in colors on the back cover of this catalogue. See offer of Seeds on page 83 and of Plants on page 129.



PETUNIA "SNOWBALL."

## Two Beautiful Torenias.

**6684 Princess of Montenegro.** This variety was sent out last year for the first time, but we did not offer it, being skeptical as to its value. A thorough test in our experimental grounds proved it to be all that was claimed for it, and we have no hesitation in offering it as the finest of all dark-colored Torenias; the plant forms a compact bush 6 inches high, which is completely covered from May until frost with mammoth flowers, the lower and side petals of a deep velvety indigo-purple, the upper petal deep lavender, the whole being relieved by a golden-yellow blotch at the base of the lower petal; for baskets, vases, or for edges of borders or beds, it is unequalled. Our illustration was drawn from nature, the upper flower being natural size.

25 cts. per pkt., 5 pkts. \$1.00.

**6685 The Bride.** This novelty is similar to the above in every particular, excepting the color of its flowers, the lower and side petals of which are a delicate pink, the upper one pure white, and have the same golden-yellow blotch in throat as the others. A dainty and pleasing variety.

50 cts. per pkt.



RUDBECKIA BICOLOR SUPERBA.

### New Annual Coneflower. RUDBECKIA BICOLOR SUPERBA.

**6481** Fine free-flowering annual variety, growing about 2 feet high, forming a dense bush and producing in great abundance on long stems its bright flowers. The disc is brown, the florets golden-yellow, with large velvety brown spot at the base; a coloring very similar to the Gaidardia Grandiflora or Legion d'Honneur Marigold; very effective and useful for cutting.

Per pkt. 25 cts., 5 pkts. \$1.00.



TORENIA PRINCESS OF MONTENEGRO.

### Giant Double Zinnia. QUEEN VICTORIA.

**6785** A pure white variety of the Zinnia Elegans Robusta Plenissima, the well-known Giant Zinnia. The flowers are perfectly double, of fine form and measure about 4 inches across. This excellent novelty comes true from seed and is deserving of attention.

Per pkt. 25 cts., 5 pkts. \$1.00.

**NEW SWEET PEAS**  
Are offered on next page.

**DREER'S**  
**MAMMOTH VERBENA.**  
The finest strain of Verbena ever offered; flowers extra large, and color of great purity. See page 91.



PINK CUPID.  
Sweet Pea, natural size.

### New Dwarf Sweet Pea. PINK CUPID.

**6857** This wonder, like the White Cupid, originated in California, and is a sport from that most popular of all Sweet Peas, Blanche Ferry. The introducers describe it as follows: "In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to eighteen inches around, growing from six to eight inches high, and shooting up stems about six inches long, which bear, in full bloom at once, from three to four handsome blossoms, all borne close to the end of the stem.

"The standard of the flower is wide, not infrequently measuring an inch and a half, but not over an inch high, being developed latterly. It usually curves over a trifle from the top, partly concave, which gives the standard a distinct shell-shaped appearance. The standard is a bright rose-pink, while the wings are pure white or light pink.

"The substance of the blossom is peculiarly heavy and it will appear fresh and vigorous in a glass of water long after its long-stemmed parent has withered and died. The plant itself is vigorous and hardy, and those who had poor or indifferent success with White Cupid will find the **PINK CUPID easy to grow anywhere.** The seed, which is black, is of wonderfully strong germination, and the plant an early bloomer, coming into bloom simultaneously with White Cupid.

"Though flowering early, it continues in bloom very late, bearing a profusion of blossoms so thickly as to completely hide the plant itself. It will be without a rival as a bedding and border annual, for its color and fragrance make it a rare novelty.

Pkt. (containing 12 seeds each) 15 cts., 2 pkts. for 25 cts., or 10 pkts. for \$1.00.

# THE BEST OF THE NEWER SWEET PEAS.



Many of the so-called "new" Sweet Peas show little if any advance over existing varieties, but in size, form and coloring the nine sorts enumerated below are the best of those tested last year and are worthy a further trial:

- |      |                      |   |          |    |
|------|----------------------|---|----------|----|
| 6849 | <b>Aurora.</b>       | Standards and wings white, shaded and striped with bright orange salmon, immense size and fine form.....                  | PER PKT. | 10 |
| 6806 | <b>Coquette.</b>     | Standards delicate primrose tinged with blush; wings primrose; a fascinating flower.....                                  |          | 10 |
| 6853 | <b>Emily Lynch.</b>  | Standards pink shading to rose; wings buff suffused with pink; a warm and rich color.....                                 |          | 10 |
| 6854 | <b>Golden Gleam.</b> | An improvement on Mrs. Eckford, the color being slightly deeper yellow; of good substance.....                            |          | 10 |
| 6822 | <b>Lovely.</b>       | Standards blush pink, shading to bright rose at base; wings blush pink; a variety that has come to stay.....              |          | 10 |
| 6843 | <b>Prima Donna.</b>  | The softest clear pink yet introduced; of largest size and exquisite form.....  |          | 10 |
| 6845 | <b>Royal Rose.</b>   | Standards deep rose; wings light pink; the largest flowering variety in the list.....                                     |          | 10 |
| 6855 | <b>Salopian.</b>     | A superb variety both in size and color, which is a deep crimson tinged with mulberry-red; suffused orange-scarlet.....   |          | 10 |
| 6856 | <b>Shahzada.</b>     | In size and form up to the highest standard; color rich dark maroon shaded purple; quite distinct.....                    |          | 10 |
| 6858 | <b>Collection</b>    | containing one packet each of the above 9 varieties, and including a packet of PINK CUPID described on previous page..... |          | 75 |

## DREER'S "INCOMPARABLE" COLLECTION OF SWEET PEAS.

The varieties of which this collection is composed stand at the head of their respective colors. In selecting the sorts, we did so on account of their superiority in point of size of flower, purity of color, free flowering and strong growing qualities. The low price at which these are offered should induce liberal plantings of these most useful and fragrant favorites.

- |      |                            |                          |     |      |    |   |
|------|----------------------------|--------------------------|-----|------|----|---|
| 6817 | <b>Blanche Burpee.</b>     | The largest white.....   | OZ. | PKT. | 10 | 5 |
| 6814 | <b>Blanche Ferry.</b>      | Pink and white.....      |     |      | 10 | 5 |
| 6809 | <b>Capt. of the Blues.</b> | Bright purple blue.....  |     |      | 10 | 5 |
| 6821 | <b>Celestial.</b>          | Clear lavender blue..... |     |      | 10 | 5 |

- |      |                                 |  |     |      |    |    |
|------|---------------------------------|--|-----|------|----|----|
| 6820 | <b>Duke of Clarence.</b>        | Rosy claret.....                           | OZ. | PKT. | 10 | 5  |
| 6836 | <b>Emily Eckford.</b>           | Heliotrope.....                            |     |      | 10 | 5  |
| 6839 | <b>Firefly.</b>                 | Fiery scarlet.....                         |     |      | 15 | 5  |
| 6837 | <b>Grey Friar.</b>              | Blue-gray.....                             |     |      | 10 | 5  |
| 6829 | <b>Her Majesty.</b>             | Bright rosy pink.....                      |     |      | 10 | 5  |
| 6841 | <b>Katherine Tracy.</b>         | Brilliant pink.....                        |     |      | 10 | 5  |
| 6827 | <b>Lady Penzance.</b>           | Bright orange-pink.....                    |     |      | 10 | 5  |
| 6818 | <b>Lottie Eckford.</b>          | Lavender-shaded heliotrope.....            |     |      | 10 | 5  |
| 6840 | <b>Mikado.</b>                  | Bright pink striped white.....             |     |      | 25 | 10 |
| 6851 | <b>Meteor.</b>                  | Rich orange salmon pink.....               | OZ. | PKT. | 10 | 5  |
| 6831 | <b>Mrs. Eckford.</b>            | Delicate primrose yellow.....              |     |      | 10 | 5  |
| 6850 | <b>Mrs. Joseph Chamberlain.</b> | White ground striped with bright rose..... |     |      | 10 | 5  |
| 6805 | <b>Ramona.</b>                  | Creamy white flaked with soft pink.....    |     |      | 10 | 5  |
| 6824 | <b>Senator.</b>                 | Chocolate striped white.....               |     |      | 10 | 5  |
| 6847 | <b>Stanley.</b>                 | Deep maroon.....                           |     |      | 10 | 5  |
| 6835 | <b>Venus.</b>                   | Salmon buff.....                           |     |      | 10 | 5  |

6859 **Collection** containing a packet each of the above 20 varieties, 75 cts., or one ounce of each variety for \$1.50.

For general collection of Sweet Peas, see page 89.

## A Few Specialties in Flower Seeds from Messrs. Sutton & Sons, the Celebrated English Seedsmen.

It would be superfluous to say anything of the quality of these seeds. They are used by the leading critical gardeners of Great Britain. We supply them in the original packets at Messrs. Sutton's prices.

- Antirrhinum, Sutton's Aurora.** A pleasing and effective strain; exhibiting a great variety of rich markings on a dainty salmon-rose ground. 25 cts. per packet.
- Antirrhinum, Tom Thumb Sutton's White Queen.** An extremely beautiful dwarf pure white snapdragon; very profuse flowering. 25 cts. per packet.
- Begonia, Tuberos-rooted Sutton's Prize Single.** Saved from the richest and most varied flowers in their collection; all shades of color are included from the deepest crimson to the lightest pink, as well as orange, yellow and white. 60 cts. per packet.
- Begonia, Tuberos-rooted Sutton's Double.** Saved from flowers of superb rosette form, and from the same range of colors as the single sorts. 60 cts. per packet.
- Calceolaria, Sutton's Perfection.** A strain of unapproachable quality; flowers of largest size and richest colors. 75 cts. per packet.
- Cineraria, Sutton's Superb.** A grand strain of fine dwarf branching habit, with flowers of immense size and substance. 60 cts. per packet.
- Cyclamen, Sutton's Giant Mixed.** Magnificent strain with flowers of extraordinary size; the leaves are proportionately large and beautifully marked. 60 cts. per packet.
- Gloxinia, Sutton's Prize Mixed.** No description without being open to the charge of exaggeration can convey any idea of this matchless strain; they are of the erect flowering type. 60 cts. per packet.
- Mignonette, Sutton's Giant.** One of the finest Mignonettes ever introduced. 25 cts. per packet.
- Pansy, Sutton's Perfection.** A strain of extra large and handsome flowers. 35 cts. per packet.
- Primula, Sutton's Giant Mixed.** The flowers of this strain are remarkable not only for size, but for the great substance of the petals. \$1.25 per packet.
- Primula, Sutton's Superb Mixed.** A combination of finest single Primulas of all colors; a grand selection. 75 cts. per packet.

# NEW AND RARE PLANTS....

FOR 1898.

## AGERATUM PRINCESS PAULINE.

A novel variety of dwarf, compact habit, rarely exceeding 5 inches in height. Its peculiarity consists of both blue and white being combined in the same flower, the body of the flower being white while the stamens, forming an outer ring, are sky-blue, giving the flower a pretty variegated appearance; one of the most distinct new bedding plants of the year. 30 cts. each, 4 for \$1.00. (Ready April 1st.)

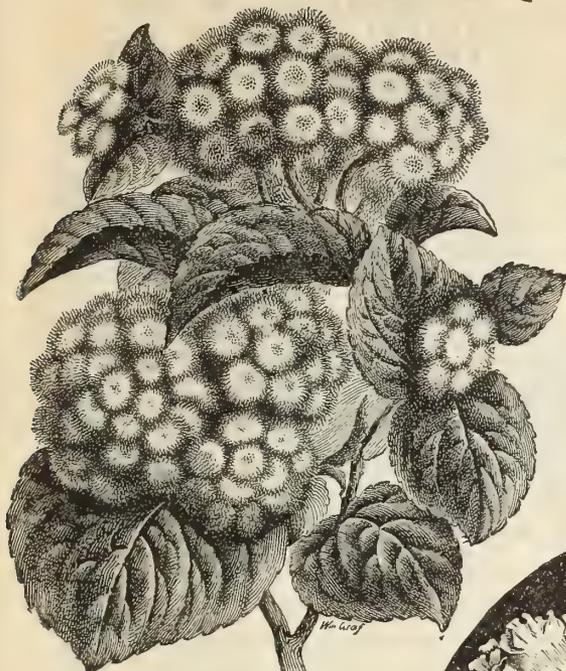
## ASPARAGUS DECUMBENS.

This handsome species is not new, but has always been scarce. We have succeeded in securing a limited number of strong plants which can rapidly be grown into handsome specimens. It is of strong, free-growing habit, with narrow bright green-foilage, produced on long, drooping branches frequently 6 to 7 feet long, and for decorative or exhibition purposes it is far superior to any of the other sorts. Very strong plants \$2.50 each.

## ABUTILON SAVITZII.

A new and unique sort, and a decided improvement upon the beautiful variety *Souv. de Bonn*, offered on page 104. The variegation is better defined, the white border on the foliage being much wider and the entire plant of much more compact habit. 30 cts. each, 4 for \$1.00.

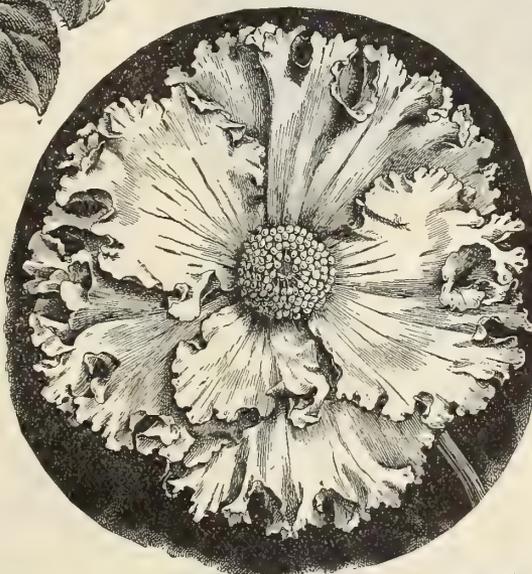
**GRAND NEW ROSE,**  
*Souv. du President Carnot*,  
shown in colors on the  
front cover, will be found  
offered on page 132.



AGERATUM  
PRINCESS PAULINE

## New Frilled Tuberous-rooted Begonia.

A most unique form, with very large single flowers which are entirely distinct from anything heretofore offered, the petals being wavy and beautifully frilled on the edges similar to the newer forms of *Petunias*. The illustration gives a very good idea of its general appearance. Of German origin, and created a sensation wherever exhibited the past season; a decided acquisition. Strong bulbs 50 cts. each, \$5.00 per doz.



NEW FRILLED BEGONIA.

## New Tuberous-rooted Begonia, DUKE ZEPPELIN.

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted *Begonias* of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double dazzling-scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. A bed containing about 500 plants of this variety, for gorgeous effect, eclipsed anything we ever saw. Strong bulbs 50 cts. each, \$5.00 per doz.

## DIANTHUS NAPOLEON III.

A pretty summer-flowering Pink with rich, deep crimson flowers, deliciously clove-scented, which are produced continuously all summer on strong branching stems 10 to 12 inches high, there frequently being a dozen open flowers at one time on a single stem. It is not a new variety, having been introduced in France some ten years ago. We have made many attempts to import and only succeeded in getting over alive last spring. 15 cts. each, \$1.50 per doz. (Ready March 1st.)



BEGONIA DUKE ZEPPELIN.

## SELECT SET OF SIX NEW CANNAS.

We take much pleasure in presenting this set of 6 Cannas. We consider them the "cream" of this year's introductions, and feel sure that each and every one will give the utmost satisfaction.

**Goliath.** The finest crimson Canna extant, and we have no hesitation in predicting a great future for it. It was introduced by the fortunate originator of Queen Charlotte and other prominent varieties. It is of uniform dwarf habit, never exceeding 3 feet in height, with broad, massive dark green leaves; an early and continuous bloomer, throwing its graceful trusses of large bold flowers just the proper distance above the foliage; color rich dazzling crimson, similar to that old favorite, Alphonse Bouvier. \$1.00 each.

**J. D. Eisele.** A magnificent vermilion scarlet overlaid with orange, raised by one of Europe's foremost Canna specialists, and named in honor of our Nursery Manager. It is a strong free grower, attaining a height of 3½ feet, and is without question the finest scarlet yet offered. \$1.00 each.

**Menelek.** This is the best of M. Crozy's introductions for this season, and one of the most floriferous varieties known to us. It is of dwarf compact habit, about 3½ feet high, very uniform, with heavy rich green foliage. Its flowers are of good size, with broad petals; are of a rich nasturtium red, a color which shows well in contrast with other shades. \$1.00 each.

**Furst von Hohenlohe.** An ideal yellow bedding Canna. Its flowers are of fair size, the upper petals of purest yellow, the lower one slightly marked with crimson. Its strong points are its great floriferousness, neat compact habit,

CANNA ALLEMANIA.

large spikes of flowers, and the fact that at the distance of only a few feet it appears as a pure yellow. We have no hesitation in placing it at the head of the list of yellows. 75 cts. each.

**Sam Trelease.** This handsome variety originated with Mr. James Gurney, Superintendent of Tower Grove Park, and Head Gardener of the Missouri Botanical Gardens, and was admired by everyone who saw it in our grounds last summer; in fact, many prominent Canna growers considered it the best and most distinct new variety in our fields. The greatest merit of this variety is that the flowers open out flat, which, with its very broad petals, which are of good substance, makes a large nearly perfect circular flower,

different from all other sorts. In color it is the nearest approach to a pure scarlet yet introduced. Very rich and glowing; the edges and centre are marked with yellow about the same as in Mme. Crozy. It grows about 3 feet high, with large, freely-branching spikes of flowers, which are thrown above the foliage of just sufficient height to show them to best advantage. In freedom of flowering we know of no variety that compares with it, and we feel certain that it will soon become one of the popular standard sorts. 50 cts. each.

**Sunray.** An entirely distinct striped variety. The flowers are of large size, open out well, and are produced very freely. The ground color is a rich bright yellow, with stripes and dashes of bright scarlet running through almost to the edge of the petals, producing a unique and bizarre effect. (See cut on page 13.) 50 cts. each.

**Special Offer:** We will furnish one each of the set of 6 select Cannas for \$4.00.

## NEW AMERICAN CANNA, PRESIDENT CLEVELAND.

A variety that originated in Washington, D. C., where it is used very extensively in the grounds of the various departments. It is of strong, robust habit, growing about 3 feet high, with rich green foliage. The flowers, which are bright orange scarlet, are borne in enormously large trusses, standing well above the foliage, making it very conspicuous; an excellent sort for massing. 75 cts. each, \$7.50 per doz.

### GRAND SPECIAL OFFER.

We will furnish one each of the twenty-two New Cannas offered on this and next page, making a collection embracing the best novelties of the year, for \$12.00.

For General Collection of Cannas see pages 109 to 111.



CANNA GOLIATH.

## New Italian Orchid-Flowered CANNAS.

The following are the best of the Italian introductions of this season; all are of the large orchid-flowered type similar to the famous Austria and Italia introduced last year. We call special attention to those having dark foliage, they stand alone and above all other bronze-leaved sorts heretofore introduced, and are worthy of a place in every collection for their foliage effect alone.

**America.** Of handsome, majestic growth, attaining a height of 6 feet; the magnificent bronzy foliage marked with green, having a peculiar lustre, appearing as if varnished; flowers rich orange-salmon, feathered and veined with scarlet. 50 cts. each.

**Allemania.** This is perhaps the best of the Italian-type flowers, being exceptionally large, frequently measuring over 6½ inches across; the upper petals salmon, with broad border and markings of golden-yellow, while the lower petal is darker salmon, marked with yellow in the centre; a fine flower and possesses more substance than others of this type; dark green foliage; grows 6 feet high. (See cut on page 12.) 50 cts. each.

**Africa.** Similar in foliage and habit to America; flowers large, of rich orange-salmon, deepening to scarlet in the throat; height 6 feet. \$1.00 each.

**Asia.** A bright yellow variety, similar to Austria, but with more decided and deeper red spots in the throat; foliage deep green. 75 cts. each.

**Aphrodite.** Deep green foliage and large flowers, upper petals salmon edged and feathered light yellow, lower petals light salmon with paler shadings. 75 cts. each.

**H. Wendland.** An improved Italia, with larger flowers of better substance and richer color, the orange-scarlet on yellow ground being more intense; fine. \$1.00 each.

**La France.** A counterpart of America, but with still darker foliage and more compact habit, growing about 5 feet high; flowers orange-scarlet. \$1.00 each.

**Pandora.** Another bronze-foliaged variety in the style of America, with salmon flowers, each petal streaked and marbled with scarlet; quite distinct; grows 6 feet high. 75 cts. each.

**Suevia.** A very large, pure yellow flower, brighter than Austria or Burbank, with brownish-red dashes on the throat; foliage green; 6 feet. 75 cts. each.

*Special Offer.*—We will furnish one each of the 9 Italian varieties for \$6.00.

### CROZY'S BEST SIX CANNAS FOR 1898.

From 15 varieties sent us by M. Crozy last year we have selected the 6 varieties enumerated below as the most distinct and handsome. All are desirable additions to our list, and we fully endorse each one.

**Depute Ravarin.** A pretty and pleasing sort, with good-sized, deep garnet flowers, a shade lighter than the favorite Alp. Bouvier, which it much resembles, except that the truss of flowers stands erect and is much larger; height 5 to 6 feet. 50 cts. each.

**Joseph Combet.** This is a rich velvety cardinal, very brilliant; flowers of good size, habit dwarf and compact, about 3½ feet high. 50 cts. each.

**Mme. Favrichon.** A most prolific flowering sort, growing about 4 feet high; flowers satiny-carmine, with a peculiar orange sheen; distinct and desirable. 50 cts. each.

**Mme. Leon Leclerc.** This is one of the oddest colors introduced this season, the ground color being a bright orange-scarlet, with a heavy tip and narrow margin of yellow on each petal. The plant grows about 5 feet high and produces its good-sized spreading flowers very freely in branching heads. Entirely distinct from anything yet sent out, and a valuable addition to any collection. 50 cts. each.

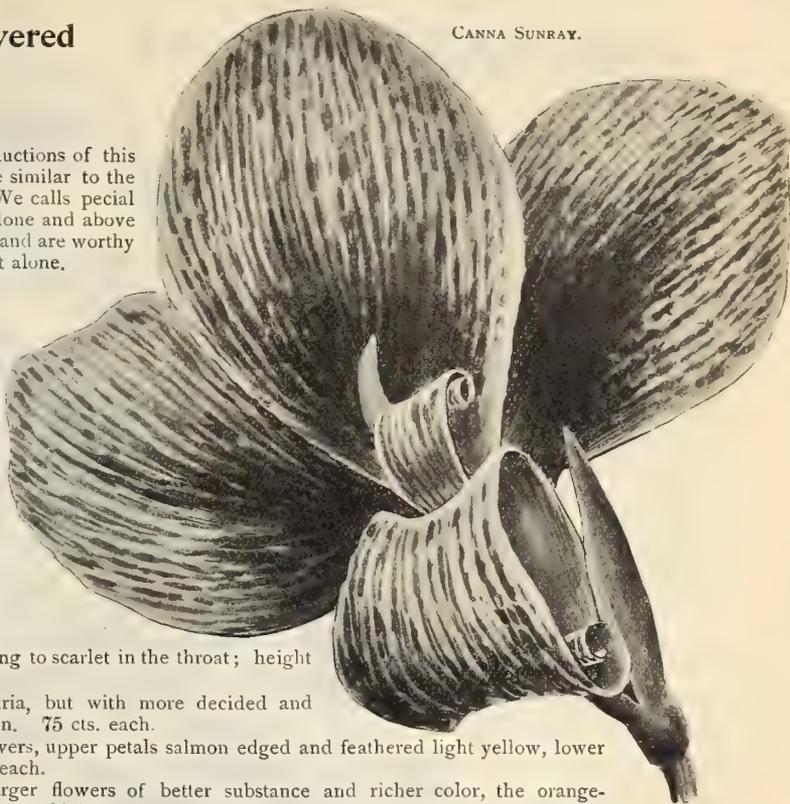
**R. Pearson.** Golden-yellow ground, dotted with innumerable light red spots, the spots being much more numerous than in any other variety; flowers of about the same size as Flo. Vaughan, produced very freely; habit compact and uniform; growing about 3½ feet high. 50 cts. each.

**Secretaire Chabanne.** A most pleasing variety, with large flowers of very rich salmon, a shade entirely distinct from any other sort; plant of uniform growth; about 4 feet high, and one of the freest-flowering varieties in the collection. 50 cts. each.

SUEVIA.

*Special Offer.*—We will furnish one each of Crozy's Best Six Cannas for 1898 for \$2.50.

**GRAND SPECIAL OFFER.**—We will furnish one each of the 22 New Cannas offered on page 12 and above, making a collection embracing the best novelties of the year, for \$12 00.



CANNA SUNRAY.



....THREE FINE NEW....

## CHRYSANTHEMUMS.

We have selected the varieties offered below as the best of this year's introductions, and we feel satisfied that all of them will take rank at once with the standard sorts. All three have been shown at various exhibitions, during last fall, where they carried off the highest honors. (*Plants ready March 1st.*)

**Autumn Glory.** Entirely distinct in color from anything yet introduced. It is of a deep reddish-salmon, when first opening, gradually changing to a soft shrimp-pink when finished; of the same shape and style as Viviani Morel; of largest size and great depth. 50 cts. each, \$5.00 per doz.

**Frank Hardy.** A grand new white that has been much admired, with florets of great length, which are incurved in curls first in one direction then in another, giving a wave or plume-like appearance; sure to become a favorite exhibition variety. 50 cts. each, \$5.00 per doz.

**Pennsylvania.** A sport from that favorite exhibition variety, Philadelphia, and possessing all the good qualities of its parent, from which it differs only in color, which is a rich, bright yellow. Like Philadelphia, it is of large size, globular in form and certain to become a favorite. 50 cts. each, \$5.00 per doz.

## Ceanothus Gloire de Plantieres

Very few of the Ceanothus have found their way into general cultivation owing principally to the fact that most of the varieties heretofore introduced have been very tender. In this new variety is combined almost entire hardiness, a slight protection around the roots, which may be omitted if planted in a sheltered position, being sufficient to carry them over successfully, while the flowers are of large size and of a most desirable shade of lavender-blue. The shrub-like plant grows about three feet high and begins to bear its graceful and airy heads of flowers early in June, continuing through the greater part of the summer. (See cut.) 30 cts. each, 4 for \$1.00.



DEUTZIA LEMOINEI.



CEANOTHUS GLOIRE DE PLANTIERES.

## Deutzia Lemoinei.

Without doubt one of the most important new hardy plants offered in many years. It is a hybrid between *D. gracilis* and *D. parviflora*, and has the advantage over the former of having flowers nearly three times as large, which are produced in broad based cone-shaped heads of from 20 to 30 flowers each, and are of purest white, which open out very full. It is perfectly hardy, and will not only prove a valuable plant for the garden, but is certain to become one of the standard plants for forcing into flower in winter, more especially at Easter, and it is quite sure to take the place of the popular *D. gracilis*. This plant has received the highest awards from the National Horticultural Society of France, and has created quite a sensation wherever shown. Strong plants 50 cts. each, \$5.00 per doz.

## NEW DAHLIAS.



DAHLIA GILT EDGE.

**Beauty Inconstant.** A new pomponé of perfect form and beautiful yet inconstant color, it sometimes being yellow margined red, at other times white margined yellow, while frequently all three colors combine in one flower, and again the same plant will have all three types at one time. 25 cts. each.

**Clifford W. Bruton.** A superb yellow decorative Cactus Dahlia; a strong sturdy grower and an extremely free-bloomer, with flowers 5 to 6 inches across. 50 cts. each.

**Grand Duke Alexis.** A unique and grand Dahlia with quilled petals, broad at the base and tapering to a point; color ivory-white with a faint tinge of rose at extremities. 25 cts. each.

**Gilt Edge.** A pretty fancy variety similar to Fern-leaved Beauty, but having a golden-yellow edge with creamy-white centre; very effective. 25 cts. each.

**Iridescent.** A beautiful Cactus variety with a combination of colors that is difficult to describe, the ground color being a clear orange overlaid with red and suffused with pink, giving a soft yet brilliant red effect with a blue reflex. 50 cts. each.

**Miss May Loomis.** A grand show variety; shell-like petals of pure white suffused soft rosy-lavender; a most unusual shade. 30 cts. each.

**Snowlad.** The finest white pomponé Dahlia. 30 cts. each.

**Wm. Agnew.** A very large Cactus variety of rich dazzling-red, full to the centre, with long twisted petals which occasionally have a clear yellow band running through the centre. 30 cts. each.

The set of 8 New Dahlias, one of each, for \$2.00.



DRACÆNA GODSEFFIANA.

**DRACÆNA . . . .**  
**. . . . GODSEFFIANA.**

Undoubtedly the most striking new plant introduced this year. As shown in the illustration, the plant is of an entirely different habit and appearance from all other Dracænas; it is of free-branching habit, and throws out many suckers from the base so as to form beautiful, compact, graceful specimens in a very short time. Its foliage is broadly lanceolate, 5 to 6 inches long, and 2 to 3 inches wide: of a strong leathery texture; rich dark green color, densely marked with irregular dots and spots of a creamy-white, not unlike an Aucuba Japonica, of which the markings in the foliage strikingly remind one. The illustration gives but a faint idea of its striking beauty; it is a plant which will undoubtedly be grown very extensively for decorative purposes when it becomes more plentiful, as it is very hardy as a house plant, equaling if not surpassing in this respect the Aspidistra and Ficus. Strong plants in 4-inch pots, \$3.00 each, \$30.00 per doz.

**NEW GERANIUMS.**

The list noted below embraces the best of this season's introductions. Selected after careful test from the host of European novelties. All will be found entirely distinct and valuable additions to any collection.

**SINGLE SORTS.**

- Atlantis.** A vigorous grower, very free in bloom with enormous trusses; florets marbled rose and white together. Fine for massing, as the flowers are carried well above the foliage.
  - Jacquerie.** Enormous florets in very large trusses, magenta, with flame-colored touches at base of petals.
  - La Vienne.** Color indescribably bright and beautiful; bright rosy-scarlet band around each petal, centre of each petal white, marbled and veined with rose; of fine form.
  - Mme. C. Bajac.** Free to the last degree in the production of blooms; color pure rose on the edges with white centre.
  - N. Menelik.** A fine circular flower of a creamy-white, shading to a deep border of bright pink; very bright in appearance.
  - Phyllis.** Pale salmon-rose, one of the most delicately beautiful we have ever seen, flowers very large and round.
- 30 cts. each. The set of 6 for \$1.50.

**DOUBLE SORTS.**

- Col. Barre.** One of the Bruant type of sun-proof varieties, and an entirely new color in this type, lower petals being of a rosy-pink, upper petals darker and marked scarlet at the base; a most brilliant color effect.
- Edward Danglede.** Very large, spherical trusses, almost covering the plant; color bright rosy-heliotrope, an entirely new shade.
- M. Ott.** Large, round flowers, magenta, tinted violet, upper petals marked with scarlet.
- Marquise de la Costa.** A beautiful new color, bright rosy-aurora, relieved by tints of orange and darker touches of rose.

30 cts. each. The set of 4 for \$1.00.

**NEW DWARF BEDDING GERANIUM "MARS."**

A superb bedding and pot Geranium; of very dwarf, compact habit, the plant itself not exceeding 4 to 5 inches in height, but exceedingly floriferous. The flowers are of a clear light salmon, darker in the centre. 15 cts. each; 4 for 50 cts.

**TWO NEW GIANT HELIOTROPES.**

The two varieties listed below are what is known as the Bruant type, characterized by very large individual florets and immense sprays of bloom, which frequently measure ten to twelve inches across, and are grand additions to this family.

- Czar.** A vigorous flower, with dark stiff stems carrying enormous trusses of bloom of an intense deep violet with white eye.
  - Czarina.** Strong robust stems, and extremely large trusses of extra-sized flowers of deep indigo-blue, with white eye.
- 30 cts. each. One of each for 50 cts.



**HELENIUM GRANDICEPHALUM STRIATUM**

A most interesting hardy plant that appears to have been lost from cultivation for a long time, and has only recently been re-introduced, and is one of our most desirable perennial plants. It is of strong, robust, erect habit, growing from 3 to 4 feet high, with flowers about 1½ inches in diameter, in large, branching heads, of a deep orange color, irregularly striped and blotched with crimson, as shown in the cut; a most novel and unique combination and distribution of colors.

35 cts. each, 3 for \$1.00.

**NEW VARIEGATED HARDY PHLOX.****COMTESSE DE JARNAC.**

We do not know the origin of this beautiful variegated variety, but were at once struck with its remarkable beauty when we saw it growing at the establishment of an eminent horticulturist near Paris, who, we were informed, found it growing in the gardens of the Chateau de Conde-sur-Iton, belonging to the Comte de Jarnac.

It is a most distinct variegated form of the perennial or hardy Phlox, with bright green foliage, which is irregularly bordered with creamy white, and makes a grand plant either as an isolated specimen in the garden or when planted in masses, being so entirely different from all other variegated garden plants that it at once attracts by its singular beauty; late in the summer it produces rosy white flowers. Good young plants ready April 1st. 35 cts. each.

**PHLOX DIVARICATA CANADENSIS.**

One of our native varieties that is but rarely met with, and which has been introduced in Europe the past few years as a novelty, where it has met with justly deserved favor, and a plant that deserves a place in every American garden as well, being one of the earliest spring flowers; frequently beginning to bloom early in April, it continues until about the middle of June, with large bright lilac-colored flowers, which are produced on stems about 10 inches high, in large showy heads, and are very fragrant. A plant that is certain to meet with much favor when better known, as nothing can produce such a cheerful corner in the garden in the very early spring.

15 cts. each, 2 for 25 cts., 10 for \$1.00.



HELENIUM GRANDICEPHALUM STRIATUM.

**NEW HARDY PINK.****SOUVENIR DE SALE.**

A valuable companion to the Hardy White Pink, Her Majesty, which it even excels in size of flower and floriferousness, while in color it is entirely distinct from anything introduced heretofore, being a most beautiful soft rosy pink.

15 cts. each, \$1.50 per doz.



PLATYCODON JAPONICUS FL. PL.

**PLATYCODON****JAPONICUS FL. PL.**

(Double Japanese Bellflower.)

A pretty double flowered form of Platycodon Grandiflorum, with large, glossy, deep blue flowers, which average 2½ inches across. There are two rows of petals in the flower, which alternate with each other, giving the flower the appearance of a ten-pointed blue star. 35 cts. each.

**SCABIOSA CAUCASICA.**

This is one of the handsomest hardy perennials we possess, and one which should be grown in every garden, if only for cutting purposes, for which they are particularly adapted, lasting a long time when placed in water; and their peculiar soft lilac-blue shade is charming. It is a plant that stands almost alone in its beauty and character, and one that can be grown in almost any soil or position, and is quite hardy. 25 cts. each, \$2.50 per doz.



SCABIOSA CAUCASICA.

# DREER'S GARDEN · CALENDAR

FOR 1898

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

## THE VEGETABLE GARDEN.

IF practicable, the Garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west it is important to have it located on the sunny side of an orchard or buildings. The most desirable situation possible should be set apart for the kitchen garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture. To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well drained, thoroughly trenched, and enriched by a judicious application of manure. The culture of Vegetables in the Garden is exhaustively treated in our new book, "*Open-Air Vegetables.*" (See below.)

### ROTATION OF CROPS.

A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-rooted, as it is termed), if too frequently planted in the same ground.

### THOROUGH SEED TESTS.

For the protection of the planter and the benefit of the seller, careful seed tests are made before the selling season at our extensive greenhouse establishment at Riverton, N. J., where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

The trial grounds at our Riverton Experimental Farm are devoted to the growing of all new and old varieties, and furnish opportunity for comparison of their relative merits, and we are thus enabled to quickly ascertain, for our customer's interest, which sorts to recommend or discard.

Full details of the management of Hot-beds and Cold Frames are given in our new book, "*Vegetables Under Glass.*" (See below.)

## OUR NEW BOOKS.

"OPEN-AIR VEGETABLES." "VEGETABLES UNDER GLASS." "GRASSES AND CLOVERS."

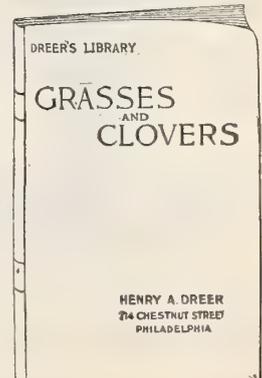
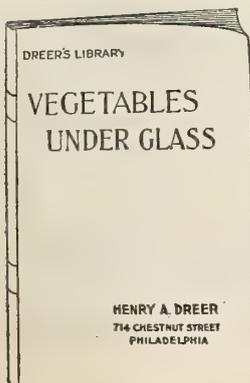
Price, 25 cents each, postpaid.

Or we will give any one of the above books as a premium on orders amounting to \$2.50 or over, and any two on orders amounting to \$5.00 or over, or the set of three on orders amounting to \$7.50 or over, provided the order is accompanied by remittance and they are asked for at time of ordering.

"*VEGETABLES UNDER GLASS.*" This book (now in its second edition) tells how to grow vegetables in winter; how to use sashes in autumn and in spring; how to meet the requirements of high-priced markets; how to work the soil actively and profitably at all seasons. It has value to the amateur and to the money-maker alike, for it quotes the methods of the most successful operators. It has received favorable endorsement from the horticultural press.

"*OPEN-AIR VEGETABLES.*" A new garden book giving the latest methods of the best gardeners. It tells how to begin work; how to treat the soil; how and when to sow seeds; how to manage growing crops; how to avoid waste; how to have healthful rural homes; how to use manures and fertilizers; how to treat insect and fungus enemies; and how to overcome the uncertainties of the weather by means of irrigation and underdrainage. It is a small book intended for busy people.

"*GRASSES AND CLOVERS.*" A book telling something of the new grass farming that is so surely and so rapidly coming into our American system. It has notes on lawns and lawn-making; on permanent pastures and crop rotations; on laying land down to grass with or without the use of a grain crop; on Crimson clover and its wonderful achievements; on green manuring, soiling, etc. It quotes the views and practices of American and European experts, and has something to say about the economic value of the peas, vetches and tares. It mentions the root crops, and offers many good hints.



# SUCCESS WITH FLOWER SEEDS.



PROVIDED the soil is in a proper state, flower seeds may be sown in the open border in the months of April and May. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better plan is to sow all fine seeds under glass in a greenhouse, hot-bed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press then slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies with the cultivator.

For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mold, and light, rich garden loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is

dry it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil; carefully water with a fine rose or spray. When they are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, usually leads to the eventual loss of the whole.

As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

## WHY SEEDS FAIL.

From a conviction that the seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would briefly state some of the causes.

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by an observance of the difference in temperature. Thus, to the North, the directions for March will apply to April; and in the South to January, February, or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, etc., being from their nature apt to vegetate quickly, are often destroyed while germinating through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Other species, such as Carrots, Celery, Leek, Onion, Parsley, Parsnip, Spinach, etc., being naturally of tardy growth, take (in unfavorable seasons) from two to three or four weeks to vegetate, and are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

Failures often occur through seeds being deposited too deeply in the ground or left too near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in over-manuring and improperly preparing the soil causes defeat.

In some sowings of seeds, made during the dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ. We are satisfied that thousands of pounds of Turnip, late Cabbage, and other summer-sown seeds are annually lost from this neglect. Never tread or roll in the seeds when the ground is wet.

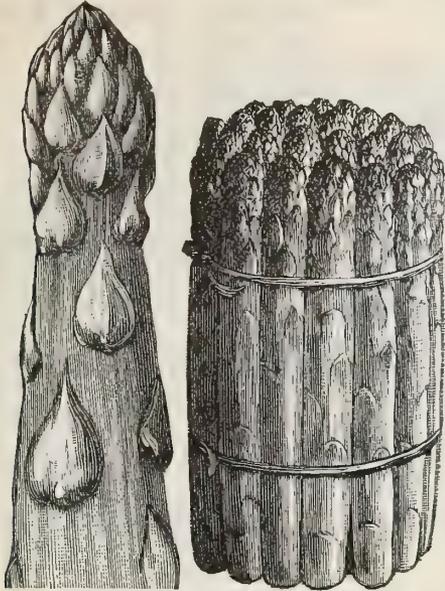
Do not raise Egg Plants, etc., in the same hot-bed with Cabbage and other half-hardy plants that require air every mild day; by such management one or the other must suffer—heat being the principal requisite of tender plants, and air that of the more hardy varieties.

**The full worth of their money to all is the broad principle in which we always deal, and we refer to our reputation as evidence that we live up to the precept.**

# DREER'S RELIABLE VEGETABLE SEEDS.

DREER'S Seeds Have Been for Sixty Years a Standard Among the Best Gardeners of this Country for Undoubted Purity and Excellence.

Seeds and Plants are now taken by leading Express Companies at a reduction of 20 per cent. from regular rates of merchandise.



DREER'S ECLIPSE.

## Asparagus Seed.

One ounce will sow 40 feet of drill, 15 lbs. to the acre.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt or kaimit at the rate of 600 lbs. an acre. Cut for use the second year after planting.

**Dreer's Eclipse.** (See cut.) One of the largest and best. Stalks frequently measure 2 inches in diameter, and, even when 12 to 15 inches long, are perfectly tender and of a delicate light green color. Pkt. 10 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.

**Barr's Mammoth.** A fine, large-stemmed green variety, differing a very little from the Palmetto. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Conover's Colossal.** The standard variety, large and productive. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.

**Palmetto.** An early, prolific and very desirable variety. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Donald's Elmira.** Of mammoth size and unexcelled quality. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.

**Columbian Mammoth White.** A new variety, producing white stalks of large size and finest quality, a valuable introduction. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.

## ASPARAGUS ROOTS.

See also page 47.

For field culture plant in rows 4 to 5 feet apart, and from 2 to 3 $\frac{1}{2}$  feet apart in the row. For an ordinary garden a bed of 20 x 50 feet would require from 200 to 250 plants, allowing 3 feet between the rows and 18 inches between the plants in the row. We offer extra strong two-year roots.

\$1.00 per 100, \$6.00 per 1000, except where noted.

When sent by mail add 50 cts. per 100.

**Dreer's Eclipse.**  
**Donald's Elmira.**  
**Conover's Colossal.** 75 cts. per  
100; \$5.00 per 1000.

**Columbian Mammoth White.**  
**Palmetto.**  
**Barr's Mammoth.**

DREER'S SPECIAL CIRCULAR ON ASPARAGUS CULTURE FREE.

DREER'S SELECT MATCHLESS.

"Asparagus Culture." The Best Methods Employed in England and France. By Jas. Barnes and Wm. Robinson. Price, 50 cts. by mail.

## Artichoke.

The edible part of the Artichoke is the undeveloped flower-head, which is only fit for use in an immature state. The heads, which are very fleshy and tender when properly cooked, are boiled and served with butter, pepper and salt. The seeds should be sown early in the spring, in drills an inch and a half deep and 1 foot apart. The next spring transplant to permanent beds, in rows or hills, 3 feet apart and 2 feet between the plants. It likes a deep, rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure.

**Large Green Globe.** The best for general culture. (Seed only.) Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00.

**Jerusalem Artichoke.** This is entirely distinct from the Globe Artichoke, and is propagated by and for its tubers. They are an excellent table vegetable; should be boiled like Potatoes, then rub off the skin and serve with white sauce; are also used for pickling and for feeding stock; yield about 300 bushels per acre. Qt. 15 cts.; peck \$1.00; bu. \$3.00. (2 lbs. by mail, 50 cts.) Special prices on large quantities.

## BROCCOLI.

*Spargel-Kohl*, GER. *Chou-Brocoli*, FR. *Brocoli*, SP.

**White Cape.** The best variety. Large, compact heads of a creamy white color and of good flavor. Can be grown where Cauliflower makes an uncertain crop. Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.50.

## BRUSSELS SPROUTS.

*Rosen-Kohl*, GER. *Chou de Bruxelles*, FR.

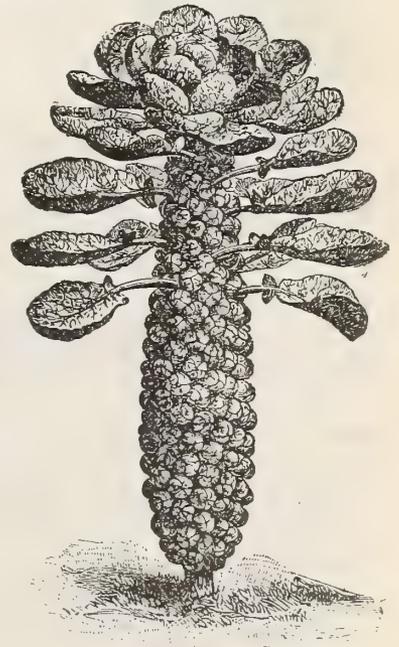
The most successful mode of cultivation is to sow the seed in the open ground in May and June, even as late as July; thin out when well established, and allow the strongest to remain in the row. They can be transplanted, but it is preferable to let them remain where sown; cultivate same as late cabbage. The sprouts are better flavored and more tender after touched by frost.

One ounce will sow 200 feet of drill.

**Dreer's Select Matchless.** (See cut.) A free-growing sort, producing well-developed sprouts the entire length of the stem. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

## Long Island Half-Dwarf.

An American variety, thoroughly acclimated; dwarf robust habit; will endure the climatic changes better than the foreign sorts, and much freer from mildew and aphid. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

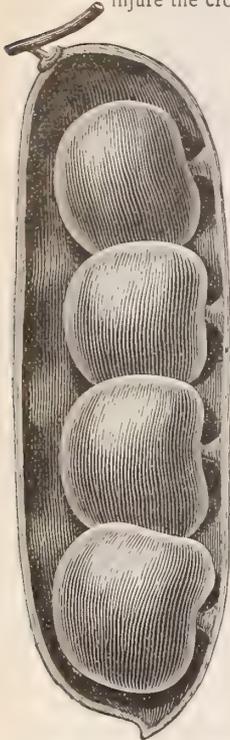


DREER'S SELECT MATCHLESS.

## BEANS—Dwarf or Bush.

One quart will plant one hundred feet of drill.

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 2 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stem, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.



### BUSH LIMA BEANS.

New Wonder Bush Lima (Dreer's.)  
(See Novelties.)

**Dreer's Bush Lima.** A dwarf variety of the Dreer's Improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. The beans grow close together in the pods, producing 3 to 4 and sometimes 5 in a pod, and are thick, sweet and succulent, equal in quality and tenderness to Dreer's Pole Lima. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.25.

**Burpee's Bush Lima.** A true bush form of the Large White Lima, requires no poles. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.25.

**Henderson's Bush Lima.** A dwarf variety of the Sieva or Southern Lima, produces enormous crops two weeks earlier than the climbing Limas. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., peck \$1.75.

### GREEN-PODDED BUSH BEANS.

Best Forcing Varieties. (Green Pod.)

**Long Yellow Six Weeks (Flat-pod).** Very early and prolific; long green tender pods; matures quickly; stringless. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.15.

**Sion House.** One of the old forcing sorts, with mottled pod, long, flat and tender; stringless. Pkt. 10 cts., pt. 30 cts., qt. 50 cts.

**Triumph of the Frames.** (See Novelties.) Pkt. 15 cts., pt. 35 cts., qt. 60 cts.

**New Stringless Green Pod (Burpee's).** (See Novelties.)

**Improved Red Valentine.** Extra early round pod. Our strain of this popular variety is the best, pods ready to pick, under favorable conditions, in thirty-two days from germination. It is one of the most profitable sorts for private use or market. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Extra Early Refugee.** A profuse bearing variety. One of the very best early sorts. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Early Mohawk.** The hardiest of the early varieties; also good for autumn picking. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**White Valentine.** The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Boston Pea Bean (Navy).** An excellent variety of very productive habit; for baking they excel all other sorts. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Black Turtle Soup.** Used as a winter shelled bean, for which it is much esteemed. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**White Marrowfat.** Extensively grown for sale as a dry bean for winter use, excellent shelled, either green or dry. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.00, bu. \$4.00.

**White Kidney or Royal Dwarf.** A superior kind for baking, and is also excellent when shelled green. Pkt. 10 cts., pt. 15 cts., qt. 25 cts., peck \$1.10, bu. \$4.00.

**Green Flageolet (Wonder of France—Paris Canner).** Used extensively as shelled beans when in the green state; of delicious quality; pods emerald green, long and straight; enormously productive; superior for canning and pickling. The beans are bright green, retaining their fresh appearance when cooked. In a dry state for culinary use they are unsurpassed. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., peck \$1.75.

### ENGLISH OR BROAD BEAN.

**Broad Windsor.** Used only as a shelled bean. Plant as soon as the frost is out of the ground, in drills 3 feet apart and 2 inches deep. Pinch off the top as soon as the lower pods begin to fill. Pkt. 10 cts., pt. 25 cts., qt. 40 cts.

COPYRIGHTED 1893 BY  
H. DREER.



IMPROVED RED VALENTINE.

For Beans sent by mail add postage at the rate of 8 cts. per pint, 15 cts. per quart. Quarter-bushels and over sent by express or freight at purchaser's expense.

## BEANS—Wax or Yellow-Podded Varieties.

Our continued and exhaustive trials at our experimental grounds with Bush and Pole Beans (green and wax pod sorts) indicate to us that the varieties we catalogue are of the leading types, distinct in character and of equal merit to many of the French, English, German and American new introductions at fancy prices.

### THE TWO BEST VARIETIES.



VALENTINE WAX BEAN.

**Valentine Wax.** An improved extra early Valentine Bean, with round wax pods. It is without exception the earliest Wax Bean, being even earlier than Refugee Wax. The pods are very meaty, and with so very little string that they may justly be called stringless. It is remarkably free from rust and remains a long time without becoming tough; specially recommended to market gardeners on account of its heavy cropping qualities. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.75.

**Early Refugee Wax.** A perfect Refugee with wax pods, long, round, of a golden-yellow color. One of the earliest. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.75.



WARDWELL'S KIDNEY WAX.

**Wardwell's Kidney Wax.** One of the best Wax Beans, bearing long, flat pods, of a delicate waxy yellow, stringless and brittle, producing a heavy crop. Our several years' trials of this excellent bean has proved it to be the earliest large wax bean grown; we cannot say too much in its favor. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.35; bu. \$4.75.

**Currie's Rust-proof Wax.** This variety is claimed to be absolutely rust-proof; pods long, flat, tender and of fine quality. It is early, productive and a good all-round bean; ripens about with the Kidney Wax. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.75.

**Improved Rust-proof Golden Wax.** The standard variety for general use; pods long, nearly straight, broad, flat and clear yellow. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.35; bu. \$4.75.

**Davis Wax.** A new white, rustless, productive wax-podded bean; pods flat, very long, white, straight and handsome; seeds clear white; excels all others in hardiness and productiveness; valuable for market gardener's and canner's use. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck \$2.25.

**Yosemite Mammoth Wax.** A giant among beans. The pods, frequently reaching a length of 8 to 10 inches, are of great thickness and solidity. They are of a rich golden-yellow color and absolutely stringless, cooking tender and delicious. Pkt. 10 cts.; pt. 20 cts.; qt. 35 cts.; peck \$2.25.

**Scarlet Flageolet Wax.** An excellent golden-podded dwarf bean. The pods are large and borne profusely; are stringless, tender and of fine flavor. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.75.

**Improved Prolific Black Wax (Cylinder Wax).** Improvement on the old Black Wax; pods waxy yellow, very tender and productive. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.50; bu. \$5.00.

**Saddle-Back Wax.** Pod large, long, round, very solid and absolutely stringless; an excellent variety. Pkt. 10 cts.; pt. 15 cts.; qt. 30 cts.; peck \$1.75.

**Roger's Lima Wax.** A dwarf variety of the Wax family, bearing broad, medium long pods of a golden-yellow; extremely prolific. Pkt. 10 cts.; pt. 25 cts.; qt. 40 cts.; peck \$2.75.



IMPROVED RUST-PROOF GOLDEN WAX.

"Dreer's Open-Air Vegetables" gives valuable information on gardening.

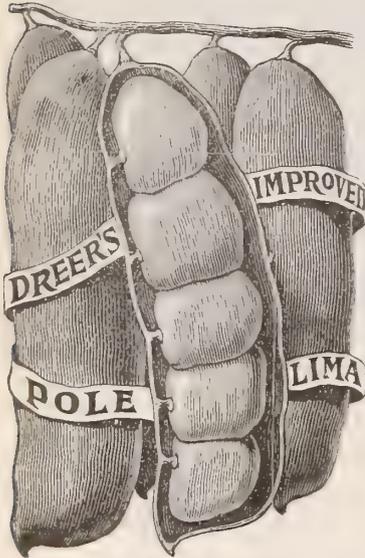
For Beans sent by mail add postage at the rate of 8 cts. per pint, 15 cts. per quart. Quarter-bushels and over are sent by express or freight at purchaser's expense.

# POLE BEANS.

*Stangen Bohnen, GER. Haricots à rames, FR. Frijol vástago, SP.*

One quart will plant about one hundred hills.

All under this head require poles 8 to 10 feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. When sowing Lima Beans place the eye downwards, and thin out to 3 plants to a pole, if the soil is rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.



## POLE LIMA BEANS.

**Early Jersey Lima.** A few days earlier than the Large Lima. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.00.

**Dreer's Improved Lima.** A very superior early variety of excellent quality and great productiveness. This variety is without doubt the best for private gardens. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$2.00.

**Siebert's Early Lima.** An improvement on the Large Lima Bean, the pods being peculiarly thin and flexible, so that they are more easily opened and shelled than other beans. When in condition for use they are larger than any other variety, and very handsome in shape and color. It is the earliest of the large Limas. Vines are hardy and very productive. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., peck \$2.00.

**Large Green Lima.** This variety is largely grown and highly esteemed. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$2.00.

**King of the Garden Lima.** A vigorous grower, bearing profusely large pods varying in length from 5 to 8 inches. The beans are large and of rich flavor. Pkt. 10 cts., pt. 20 cts., qt. 35 cts., peck \$2.00.

**Ford's Mammoth Lima.** (See cut.) A choice selection of the Large Lima. It produces pods and beans of enormous size and in great abundance. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.00.

**Small Lima, or Sieva.** The earliest of the Limas. A prolific bearer; beans small, but of good quality. Pkt. 10 cts., pt. 15 cts., qt. 30 cts., peck \$2.00.

## POLE, OR RUNNING BEANS.

### WAX POD.

**Dreer's Golden Cluster Wax.** This is a first-class Pole Bean. It bears profusely its long golden-yellow pods in clusters of 3 to 6 from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. This variety endures all kinds of weather, wet or dry. For market it excels. The pods retain their tenderness long after the beans have attained a large size. Pkt. 10 cts., pt. 20 cts., qt. 40 cts., peck \$2.00.

**Golden Champion Wax.** The earliest and one of the best of the wax-podded Pole Beans; pods long, cylindrical, much curved, very fleshy, stringless, bright golden-yellow, borne in clusters, unusually prolific and of excellent quality. Pkt. 10 cts., pt. 25 cts., qt. 40 cts., peck \$2.00.

### GREEN POD.

Pkt. 10 cts., pt. 15 cts., qt. 30 cts., peck \$1.75.

**Horticultural, or Speckled Cranberry.** Equally good as a snap-short or shelled bean in the green or dry state.

**White Dutch Case-Knife.** One of the earliest, used as a shelled bean, green or dry.

**White Dutch Runner.** An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean.

**Scarlet Runner.** A great favorite, producing clusters of beautiful scarlet flowers. The leading Pole Bean of English gardens.

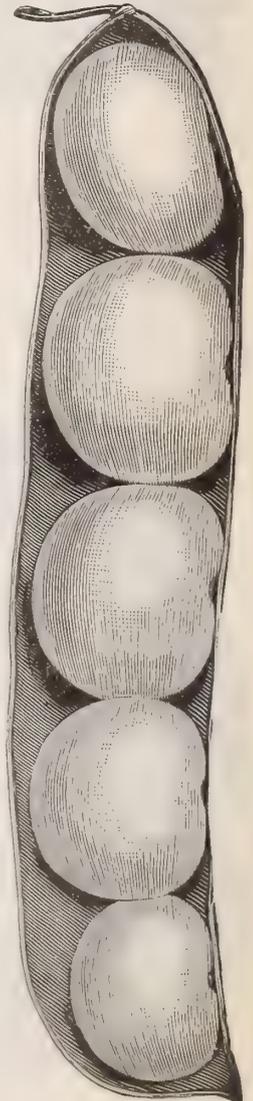
**White Creaseback, or Best of All.** One of the earliest green-podded Pole Beans, exceedingly productive and of fine quality.

**Kentucky Wonder, or Old Homestead.** Producing in clusters excellent snap-short beans in 80 days from germination.

For Beans sent by mail add for postage at the rate of 8 cts. per pint, 15 cts. per quart. Quarter-bushels and over sent by express or freight at purchaser's expense.



DREER'S GOLDEN CLUSTER WAX  
POLE BEANS.



FORD'S MAMMOTH LIMA  
(the largest variety grown).



## BEETS.

One oz. will sow fifty feet of drill; 5 to 6 pounds for an acre. The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

Price: Pkt. 5 cts., oz., 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts., except where noted.

**Extra Early Egyptian.** One of the earliest, of good quality and of medium size; a fine forcer, small top.

**Early Eclipse.** (See cut.) Smooth and round; skin and flesh intense red; fine-grained and sweet; an excellent sort for forcing.

**Arlington Favorite Blood.** (See cut.) A dark-leaved, early blood variety, closely following Eclipse in maturing, but of much darker color and superior in quality; perfectly round; it differs from the other blood sorts in that it has the sweetness of the Bassano; excellent for market. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Excelsior Blood.** "Of superior excellence; color and substance of flesh are perfect, being fine-grained with smooth skin and small tops; very early. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Crosby's Egyptian.** (See cut.) An improved strain of the Egyptian Beet, specially recommended as an extra early sort. It is much thicker than the original strain, of better color and quality, besides being smoother. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Bastian's Early Blood Turnip.** Very early; of quick, large growth, fine turnip form and bright red color.

**Lentz Turnip.** Of similar size and shape to the Bastian Turnip; top small; dark red and white; early and profitable.

**Early Bassano.** A very early flat variety, tender, juicy; flesh white and rose colored, very sweet.

**Early Blood Turnip.** A second early variety of good quality, blood-red, tender, and good for late keeping.

**Edmand's Blood Turnip.** An excellent variety to follow the extra early varieties, flesh dark red and white, sweet and of good flavor.

**Dewing's Improved Blood Turnip.** An improved variety of the Early Blood Turnip, of deep, blood-red color, fine form and flavor; an excellent market sort.

**Bastian's Half-long Blood.** Of bright color and excellent quality; a valuable variety to follow Bastian's Extra Early; for winter use sow early in July.

**Long Dark Blood.** A good late variety for fall and winter use, sweet and tender.

**Swiss Chard.** The mid-rib is stewed and served as Asparagus, and the leaves used as Spinach.

## MANGEL WURZEL.

Sow 6 lbs. to acre, in May or June. Rows 2 to 3 feet apart. Thin to 9 inches. Cultivate with horse.

Price:  $\frac{1}{4}$  lb. 15 cts., lb. 30 cts., 10 lbs. \$2.50.

**Mammoth Long Red.** A favorite variety with farmers and dairymen, extensively grown. Enormous cropper.

**Golden Tankard.** Considered indispensable, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin. Especially relished by sheep  $\frac{1}{4}$  lb. 15 cts., lb. 30 cts., 10 lbs. \$2.75.

**Golden-Yellow Mammoth.** A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf-stalk and mid-rib golden-yellow; flesh rich in saccharine matter (sugar). Should be grown by all dairymen.  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts., 10 lbs. \$2.75.

**Red Globe.** A large, red, oval variety, keeps well, and produces better crops on shallow soil than the Long Red.

**Yellow, or Orange Globe.** Same as above, only different in color.  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts., 10 lbs. \$2.75.

## SUGAR BEETS.

Sow same as Mangels, except thin to 6 to 8 inches in the row. Price:  $\frac{1}{4}$  lb. 15 cts., lb. 30 cts., 10 lbs. \$2.75.

**Klein Wanzleben.** (See cut.) This variety is without question the best in cultivation; not the largest in size, but the richest in saccharine matter. Special prices on large quantities

**White Sugar Green-top.** A large growing variety, excellent for stock-feeding and sugar-making.

**Improved Imperial White Sugar.** An improvement on the other large varieties of Sugar Beets; hardy and more sugary.

**Lane's Improved White Sugar.** This Beet attains a large size and grows considerably above the ground.



KLEIN WANZLEBEN SUGAR BEET.

# CABBAGE.

One oz. will produce 1500 plants; quantity to transplant 1 acre  $\frac{1}{2}$  lb.

For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold-frames in March; transplant when danger from killing frosts is passed to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2 $\frac{1}{2}$  feet apart, and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood-ashes, air-slacked lime, plaster, slug-shot or tobacco-dust early in the morning while the plants are wet with dew.



EARLY JERSEY WAKEFIELD.

**Large Jersey Wakefield (Charleston).** (See cut.) Selected stock. Large solid heads, of good quality, a few days later than Early Jersey Wakefield; specially recommended for institutions and market gardeners, producing fully twice as

much per acre than the early variety. The strain we offer is of exceptional purity and cannot fail to give satisfaction, as it combines all the good qualities of an early long-keeping sort, which is especially desirable for shipping. This sort is grown around Philadelphia in large quantities for shipping long distances, and is practically the best large early sort on the market. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{2}$  lb. \$1.00, lb. \$2.50.

## EARLY VARIETIES.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{2}$  lb. 50 cts., lb. \$1.50, except where noted.

**Early Jersey Wakefield.** (See cut.) The leading early variety and the best for private or market gardener's use. We have sold this sort for the past twenty-five years. The strain is always of the same good quality, never varying in purity and earliness. There is no cabbage so widely known as the Early Jersey Wakefield. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{2}$  lb. 75 cts., lb. \$2.50.

## Early Winnigstadt.

Good for either early or late use; in some sections the best early sort.



LARGE JERSEY WAKEFIELD (CHARLESTON).

**Early French Ox-heart.** Heads very early, tender, and of fine flavor.

**Etampes.** Very early, producing medium-sized heads, sharply pointed.

**Express.** The earliest of all Cabbages, small, with solid, compact heads.

**Large York.** A superior early-heading robust sort.

## SECOND EARLY VARIETIES.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{2}$  lb. 75 cts., lb. \$2.00, except where noted.

**Dreer's Early Drumhead.** (See cut.) A favorite with the market gardeners; a second early, large, round solid-heading variety. This sort we consider the best, for following the large Charleston Wakefield, as it matures about ten days later, and is of the finest quality. Pkt. 5 cts., oz., 30 cts.,  $\frac{1}{2}$  lb. \$1.00, lb. \$2.50.

**All Head, Early.** The largest heading of the second early sorts, of excellent quality. The deep flat heads are remarkably solid, and very uniform in size, of a very compact growth, having few outer leaves; can be planted as close as the Wakefield sorts.

**Improved Flat Brunswick.** The best for market gardeners; either as a second early or late sort; short stems, large solid heads.

**Improved Early Summer.** A second early with large solid flattish heads, coming in a few days later than the Wakefield; a sure header.

**Succession.** A second early round-headed sort, heads very evenly, and comes in a few days after Early Wakefield.

**Selected All Seasons (Vandergaw).** An early Drumhead Cabbage, yielding heads of the largest size. Very desirable, either for early spring, summer or fall use.



DREER'S EARLY DRUMHEAD.

"DREER'S Vegetables Under Glass" and "DREER'S Open-Air Vegetables" give full treatment of Cabbage in hot-bed and cold-frame, also outdoor cultivation and storing. Price, 25 cts. each.

# CABBAGE.

(Late Varieties.)

**Dreer's Selected Late Flat Dutch.** (See cut.) Short stem and large, solid 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. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Golden Sugar Winter.** (See novelties.)

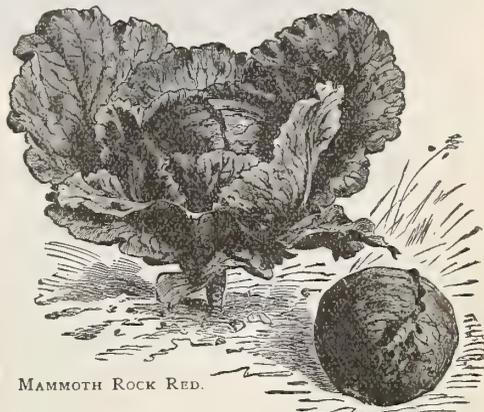
**Large Late Drumhead.** A favorite winter variety, extensively sown for shipping purposes; it bears extra large solid heads of good quality. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Louisville Drumhead.** This is a popular variety in the Southwest, where it is claimed to stand the heat better than most sorts; of large size, solid and a good keeper. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

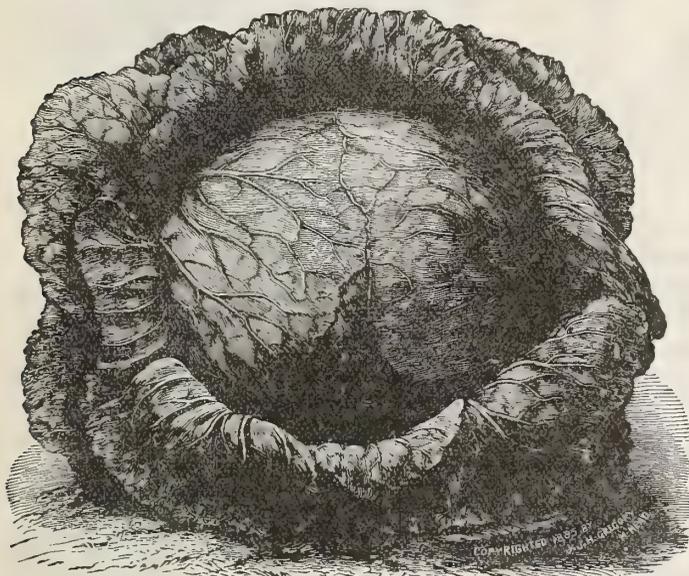
**Danish Ball Head (Hollander).** This variety is a true shipper grows very close and firm; white and of excellent quality; will stand well through a dry season when other sorts fail. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



DREER'S SELECTED LATE FLAT DUTCH.



MAMMOTH ROCK RED.



LUPTON.

**Lupton.** (See cut.) A new winter variety of excellent quality and distinct character; a little earlier than the Flat Dutch, but will maintain shape and solidity for storing; of compact growth; color dark green and very uniform head. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

## SAVOY CABBAGE.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other cabbages.

**Perfection Drumhead Savoy.** (See cut.) Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the Cauliflower. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Dreer's Crystal Summer Savoy.** A fine new sort; medium size; heads nearly round, deeply curved and very tender. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

See "Dreer's Open-Air Vegetables" for notes on Cabbage, with methods for storing. 25 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

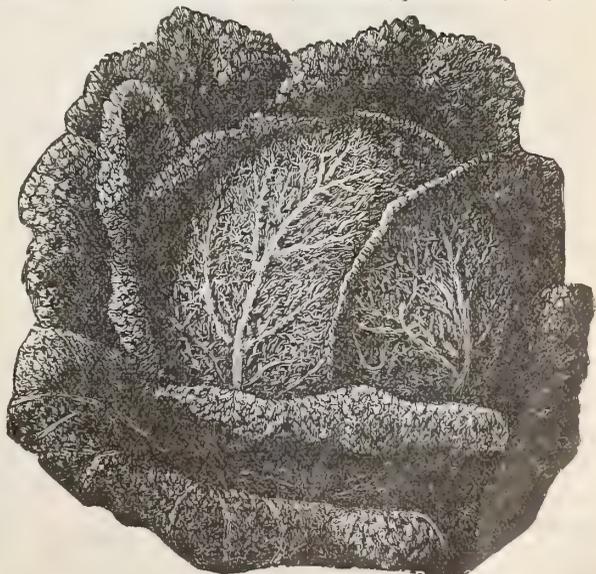
Cabbage and Cauliflower Plants, see page 47.

## RED CABBAGE.

**Early Red Dutch Erfurt.** Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired, this sort should be sown. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Red Dutch Drumhead.** A large heading variety, fine for pickling. The variety most sown, as it makes large solid heads. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Mammoth Rock Red.** The largest and most solid of the red varieties; a sure heading sort and tender. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



PERFECTION DRUMHEAD SAVOY.

## CARDOON.

The midribs of the leaves are the edible parts and generally used in soups or stews, after being blanched in the same manner as Celery. They are in perfection during the autumn and winter. Sow in April in drills one inch deep; when one year old, transplant in trenches of well-manured ground three feet apart and one foot in the rows. The roots remain from year to year.

**Large Smooth Solid.** The best variety, grows about four feet high; leaves nearly free from spines. Pkt. 10 cts.; oz. 40 cts.

## CHICORY

**Common, or Wild.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in the cellar; the shoots, which will come up soon form the "Barbe de Capucin." Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.

**Large Rooted.** Used to mix with or as a substitute for coffee. Cultivate same as the carrot. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.



CARDOON.

## CHERVIL.

While young and tender, used as a salad and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in May, in drills one foot apart and half an inch deep, thinning out to stand one foot apart in the rows.

**Curled Chervil.** Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 50 cts.

## CRESS.

*Garten und Brunnen Kresse, GER. Cresson, FR.*

Sow thickly in shallow drills, early in the spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

**Extra Curled, or Peppergrass.** Fine flavor, and the best sort for dry soils. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**Upland Cress.** A perennial plant, grown in the same manner as Spinach; resembles water cress in flavor. Pkt. 10 cts.; oz. 50 cts.;  $\frac{1}{4}$  lb. \$1.50.

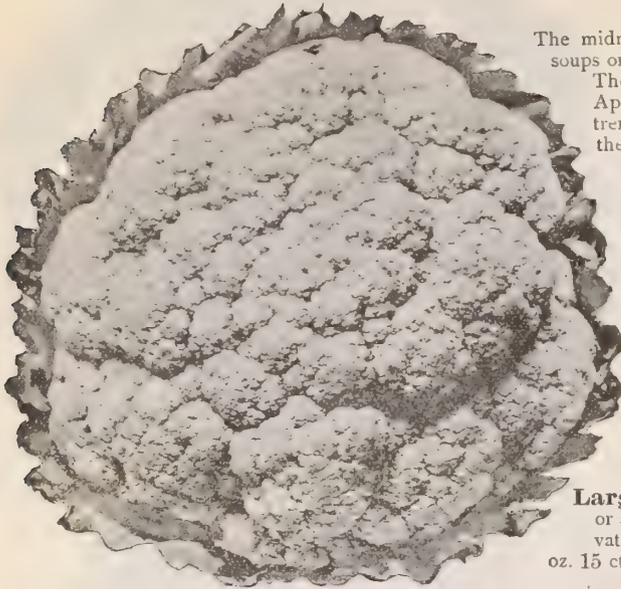
**Erfurt Water Cress.** A most desirable and appetizing salad, thriving best in shallow water on the edges of streams. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25.



## CORN SALAD (*Fetticus*).

Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills one foot apart; it will mature in six to eight weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

**Large Seeded.** Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60c.



DREER'S EARLIEST SNOWSTORM.

## CAULIFLOWER.

Sow the seed in a hot-bed in January or February, and when the plants are large enough transplant three inches apart in boxes or in other hot-beds until time to plant out. If hardened off they are seldom injured by planting out, as early as the ground can be properly prepared, 2 $\frac{1}{2}$  feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter cabbage.

**DREER'S Earliest Snowstorm.** The earliest and best of all for forcing or in the open ground. It is dwarf, with short outer leaves, and can be planted two feet apart each way; always sure to make large heads of the best quality with a beautiful snow-white appearance earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth. Pkt. 25 cts.;  $\frac{1}{4}$  oz. \$1.50; oz. \$5.00.

**DREER'S Selected Dwarf Erfurt.** One of the earliest in cultivation; small-leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about 15 inches high, and in ordinary seasons every plant will produce a marketable head. For an all-round market gardener's variety, we consider this the best for general outside use. Pkt. 20 cts.;  $\frac{1}{4}$  oz. 75 cts.; oz. \$2.50;  $\frac{1}{4}$  lb. \$8.00.

**Early Snowball.** An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture. Pkt. 20 cts.;  $\frac{1}{4}$  oz. 75 cts.; oz. \$2.50;  $\frac{1}{4}$  lb. \$3.00.

**Early Dwarf Erfurt.** An early market variety, very productive, with large white compact heads of good quality. Pkt. 10 cts.;  $\frac{1}{4}$  oz. 50 cts.; oz. \$1.50.

**LATE VARIETIES.** Pkt. 10 cts.; oz. 50 cts.

**Half-Early Paris.** A popular white sure-heading variety, good for early or late use.

**Lenormand's Short Stem.** A large, late, short-stemmed variety, with well-formed heads, of extra quality.

**Algers.** An extra fine late variety, suitable for market and sure to head.

**Veitch's Autumn Giant.** One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves.

**Cauliflower and Cabbage Plants.** See page 47.

"Cauliflowers and How to Grow Them." By a practical horticulturist. Price, 20 cents.

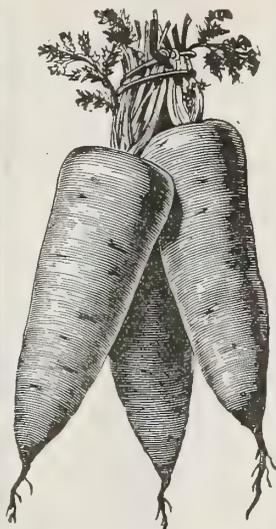
Seeds and Plants are now taken by leading Express Companies at a reduction of 20 per cent. from regular rates of merchandise.



EARLY HALF-LONG NANTES.

# CARROT

Mohren, GER. Carotte, FR.  
Zonahoria, SP.



DANVER'S HALF-LONG.



NICHOL'S IMPROVED LONG ORANGE.

One ounce will sow one hundred feet of drill; three to four pounds for one acre.

Carrots to grow in perfection require a rich, deep, sandy loam, well pulverized and deeply cultivated. For an early crop sow in May and June in drills about 1 foot apart, thinning out to 4 inches in the row; sow for main crop in June and July. The large late varieties for field culture should be sown in drills 3 to 3½ feet apart, so as to cultivate by horse. An important point in sowing Carrots, as in all other seeds, is to tread the row firmly after sowing.

**Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts., except where noted.**

Varieties marked "\*" are the best varieties for stock-feeding.

**Earliest Short Horn** (*French Forcing*). The earliest forcing variety, root small, reddish-orange, of globular shape and excellent flavor. Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.

**Early Scarlet Horn.** The favorite early red summer variety; fine grained and good flavor.

**Half-long Nantes** (*Rubicon*). An early half-long stump-rooted variety of superior quality.

**Chantenay Half-long.** Resembling the Nantes, with larger shoulders.

**Guerande, or Oxheart.** A desirable variety on soils too hard and stiff for the longer-growing sorts, as it is not over 5 or 6 inches long; can be pulled by hand.

**Early Half-long Carentan.** An excellent scarlet variety, without core, for forcing or the open ground.

**Early Half-long Scarlet.** A desirable point-root variety, productive and early, coming in between the Scarlet Horn and Long Orange.

\* **Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot; early, productive, and of fine shape and quality. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

**St. Valery.** A desirable sort for private gardens; of rich color, good size and fine flavor.

\* **Danver's Half-long Scarlet.** A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

\* **Long Orange.** The best late variety, for general field culture. It is an excellent keeper and retains its bright orange color during the winter. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

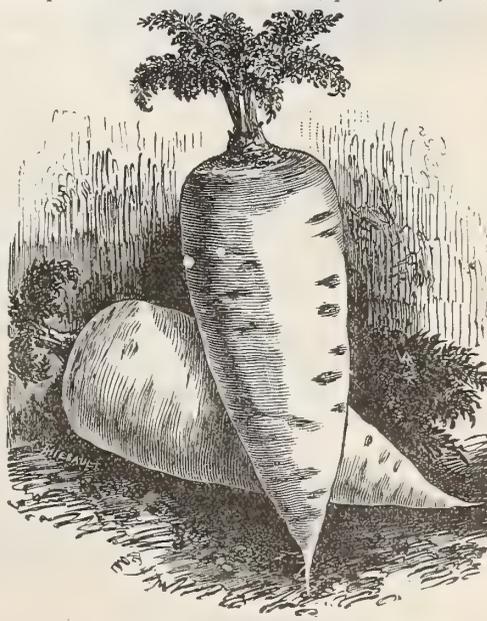
## COLLARDS.

**Creole, or Southern.** Cabbage Greens, used as a substitute for Cabbage in portions of the South. Its robust and vigorous character fits it to resist conditions unfavorable to the perfection of more highly developed types of the Cabbage family at some seasons in the Southern States. Pkt. 5 cts., oz. 15 cts., ¼ lb. 50 cts., lb. \$1.50.

\* **Altringham.** A large and fine-flavored red Carrot; an excellent sort for winter use. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 75 cts.

\* **Large White Belgian.** This variety is of the largest size, and is principally grown for feeding stock. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.

\* **Improved Short White.** (See cut.) For stock feeding; the best white Carrot; furnishes the largest yield at the least expense. Pkt. 5 cts., oz. 10 cts., ¼ lb. 15 cts., lb. 50 cts.



IMPROVED SHORT WHITE (the best for stock-feeding).

"Dreer's Vegetables Under Glass" and "Dreer's Open-Air Vegetables" contain short notes on forcing Carrots, also on Root Crops for Stock-feeding.

# CELERY.

*Sellerie, GER. Celeri, FR. Apio, SP.*

**One ounce will produce about twenty-five hundred plants.**

Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling," generally done the beginning of September; after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plow and finishing it with a spade, bringing the earth up nearly to the tops of the plants. The method employed now for protecting is by covering the tops of the banks with waterproof felt paper, allowing it to reach down on each side far enough to be held in place by placing soil all along the edges; this keeps the paper in place and protects the celery from all weather, is also easy to get out of the banks any time during the winter.

**Dreer's "Open Air Vegetables."** Gives short pointed notes on growing celery. By mail 25 cts.



GOLDEN SELF-BLANCHING.

**Golden Self-blanching.** (See cut.) 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. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{2}$  lb. \$1.25; lb. \$4.50.

**White Plume.** We offer a choice strain of this valuable and popular variety. The White Plume is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{2}$  lb. 85 cts.; lb. \$2.75.

**Pink Plume.** A perfect White Plume in character, excepting color, which is of a delicate shade of pink, presenting a beautiful appearance with the white and yellow varieties. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{2}$  lb. \$1.00; lb. \$3.00.

**New Golden Rose, Self-blanching.** (See Novelties.)

**The Schumaker.** A very large variety; solid, crisp, golden-yellow heart; a favorite market gardener's sort. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{2}$  lb. \$1.00; lb. \$3.50.

**Dwarf Rose.** The red sorts surpass the white in flavor and possess in their coloring a feature which renders them valuable as a table ornament. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

*We can also supply the following well-known varieties:* **Boston Market, Henderson's Dwarf White, Sandringham Dwarf White.** Per pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{2}$  lb. 60 cts.; lb. \$2.25.

**Golden Half-dwarf.** The best of the half-dwarf varieties, stalks large and full; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

**Giant Pascal.** (See cut.) A superior keeping sort. The stalks are very large, thick, solid, crisp, and of rich nutty flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

**Perfection Heartwell.** This is one of the very best varieties in cultivation; stalks long and thick, very compact, crisp and of fine flavor. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

**Early Arlington.** An improvement on the Boston Market, being earlier and of larger growth, and blanches rapidly. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

**Large White Solid.** The best of the large growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

**Soup, or Flavoring Celery** (old seed). Used for flavoring pickles, sauces, etc. Oz. 5 cts.; lb. 30 cts.

(For Celery Plants, see Vegetable Plants, page 47.)



GIANT PASCAL.

## CELERICAC.

**Turnip-rooted Celery.**

*Knoll Sellerie, GER. Celeri-kave, FR. Apio-nabo, SP.*

Sow the seed in same way that Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots.

**Apple-Shaped.** An early, smooth variety, of good flavor. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{2}$  lb. 50 cts.

**Giant Smooth Prague.** A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{2}$  lb. 75 cts.; lb. \$2.50.

# CORN.

(Sweet or Sugar.)

One quart will plant two hundred hills; eight to ten quarts for an acre in hills.

©

We have observed closely the maturing of all varieties of Sugar Corn at our experimental grounds, Riverton, N. J., and have classified them according to the time of maturity. In elevated and mountainous districts we would recommend the Extra Early and Second Early sorts only, and plantings to be made not later than June 20th to July 1st to insure a crop before frost.

The Sweet or Sugar varieties, being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted 18 inches in the row and 2½ feet between the rows.



NONPAREIL.

EVERGREEN.

ROSLYN HYBRID.

COUNTRY GENTLEMAN.

MAMMOTH SUGAR.

PRICES: Pkt. 10 cts.; pt. 15 cts.; qt. 20 cts.; ½ peck 60 cts.; peck \$1.00, except where noted.

## EXTRA EARLY.

**Dreer's First of All.** The earliest Sweet Corn, ripening a week earlier than Cory. Ears medium sized, very full, sweet and of delicious flavor. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

**Adams' Extra Early.** The hardiest and earliest variety for table use; can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear.

**White Cob Cory.** An improved variety of the Cory Corn with uniformly *white cobs*. It is as early as the ordinary Cory, and will be preferred by many who object to the red cob sorts. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

**Early Minnesota.** One of the earliest, habit dwarf, ears small and productive, and of good quality.

## SECOND EARLY.

**Crosby's Early.** A favorite variety, very early, productive, ears rather short, and of a rich, sugary flavor.

**Stabler's Early.** Of large size, remarkable for fine flavor, sweetness and earliness, and is a desirable gardener's and canning variety. Specially recommended to follow the extra early varieties. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

**Stabler's Nonpareil.** The best second early Corn. It yields large ears, bearing tender grains of the most delicious flavor. A superior sort for the canning trade. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

## GENERAL CROP AND LATE.

**Triumph.** Ears large, productive, flavor rich and sweet; a fine market variety.

Add for postage on Corn 6 cents per pint; 10 cents per quart. Pecks and bushels are sent by express or freight at purchaser's expense.

**Egyptian.** A fine large variety, somewhat resembling the Evergreen; flavor peculiarly rich and sweet.

**Little Gem** (*Ne Plus Ultra* or *Shoe Peg*). An old but excellent variety that is grown around Philadelphia by those who know a good thing, its small size being in large measure atoned for by its productiveness and its exquisite flavor. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

**Roslyn Hybrid.** A medium late variety, which will yield a heavy crop, producing a large ear, very sweet and delicious. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

**Stowell's Evergreen.** One of the sweetest, ears large, deep-grained, of excellent quality, remaining green longer than any other variety.

**Country Gentleman.** An improvement on the Little Gem, having the same excellent qualities as that desirable variety, but with much larger ears. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

**Mammoth Sugar.** The largest late sort, very productive, of fine flavor.

**Black Mexican.** A black-grained variety, sweet and tender; must be picked very young to avoid a black appearance when cooked. Pkt. 10 cts.; pt. 15 cts.; qt. 25 cts.; ½ peck 60 cts.; peck \$1.00.

## SWEET FODDER CORN.

For soiling and green fodder Sow 3 bushels to the acre, broadcast, or 1½ bushel in drills. Peck 50 cts.; per bushel \$1.75. (See also page 48.)

## FIELD CORN AND POPCORN.

(For list of varieties, see *Farm Seeds*, page 48.)

# CUCUMBER.

*Gurken, GER. Concombre, FR. Pepino, SP.*

**One ounce will plant fifty hills, two pounds will plant one acre.**

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant if the weather has become settled and warm, in hills about 4 feet apart each way; thin out to 4 of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July.

Price: Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 70 cts., except where noted.



IMPROVED EARLY WHITE SPINE CUCUMBER.

**Improved Early White Spine** (*Bennett's*). The favorite market variety, largely used for forcing. One of the best for all purposes.

**Arlington White Spine Forcing.** A strain of White Spine which has been improved through careful selection, with a view to use for forcing in hot-houses and frames. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Cool and Crisp.** A strain of White Spine somewhat like the Arlington, but longer and more cylindrical. One of the best for table use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Green Prolific.** One of the best pickling varieties, dark green, tender, crisp, very productive, uniform size and good for table use.

**Early Cluster.** A very early sort, well adapted for forcing or open ground.

**Chinese Long-remaining Green.** An excellent sort, combining the size, tenderness and quality of the English Frame varieties. It attains a length of 15 to 20 inches; is of good quality, solid, and has a few seeds; medium early. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Small Gherkin, or Burr.** Also known as the West India or Jerusalem pickle; used only for pickling. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Japanese Climbing.** Fruit of medium size, well-formed, and of a dark green color; flesh very thick and of exquisite flavor. It can be grown as an ordinary ridge cucumber, or as a climber. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts.

## ENGLISH FORCING CUCUMBERS.

Should be grown in hot-beds where the temperature does not fall below 65 degrees at night. Sow the seeds in small pots about the middle of January; when they have grown to three leaves, plant in a prepared hill of rich, loose soil in the centre of a sash.

## NEWEST ENGLISH VARIETIES.

**Covent Garden Favorite.**  
**Rockford's Market.**  
**Lockies' Perfection.**

25 cts., per pkt

**Duke of Edinburgh.**  
**Marquis of Lorne.**  
**Sion House, Improved.**  
**Pearson's Long Gun.**  
**Telegraph** (Rollison's).

In packets of 10 seeds each. Pkt. 20 cts.

"*Dreer's Vegetables Under Glass*" for the modern system of cucumber forcing.

"*Dreer's Open-Air Vegetables*" for garden or field cultivation, also pickle-growing. Each 25 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

**Early Frame, or Short Green.** Excellent for table use or pickling.

**Early Russian.** One of the earliest; the fruit is small and produced in pairs.

**Chicago Pickle.** A variety largely used by pickle manufacturers; of medium size, a prolific bearer, and combines all the good qualities of an early cucumber.

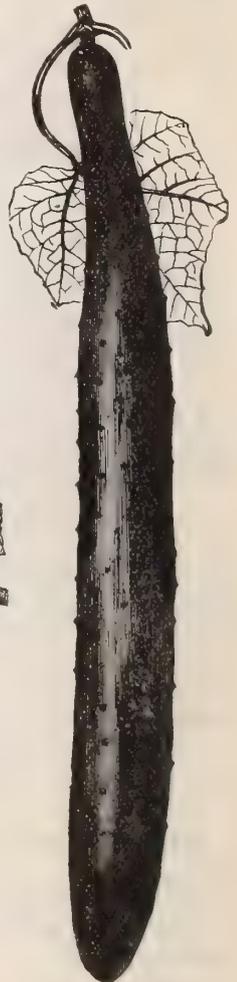
**Long Green** (*Jersey Pickle*). The leading long variety for pickling; fruit dark green, firm and crisp.

**Everbearing.** The peculiar merit of this new and unique variety is that the vines continue to flower and produce fruit in every stage of growth until killed by frost. It is of small size, very early, and enormously productive.

**Nichol's Medium Green.** For early forcing, late sowing for pickling, or for ordinary table use, this variety will be found useful.

**White Pearl.** New; fruit of a pure white color, making them very attractive for the table; they grow to a large size.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.



ROLLISON'S TELEGRAPH FORCING CUCUMBER.



LONG GREEN CUCUMBER.

**EGG-PLANT.***Eierpflanze, GER. Aubergine, FR. Berengena, Sp.***One ounce will produce about one thousand plants.**

Sow the seeds in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to the stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore, repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

**New York Improved Large Purple** (*Dreer's Selected*). The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.

**Black Pekin.** Fruit purplish-black, round to globular, large, solid, smooth and glossy; very prolific, early, and of fine flavor. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25.

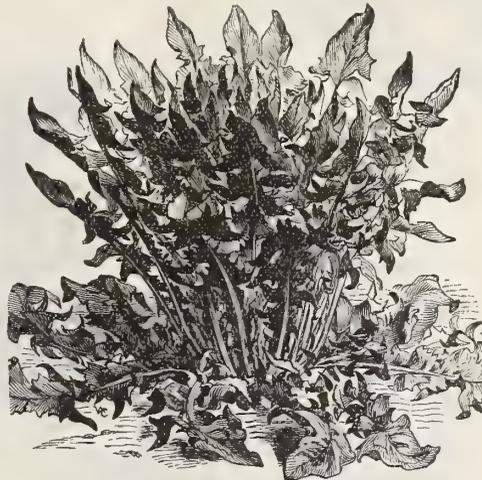
**Early Long Purple.** The earliest and hardiest, very productive; fruit from 6 to 10 inches long. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 75 cts.

**EGG-PLANTS.***(See Vegetable Plants, page 47.)***DANDELION.**

The Dandelion is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the drills; the following spring it will be fit for use.

**Broad-leaved.** Pkt. 10 cts.; oz. 40 cts.

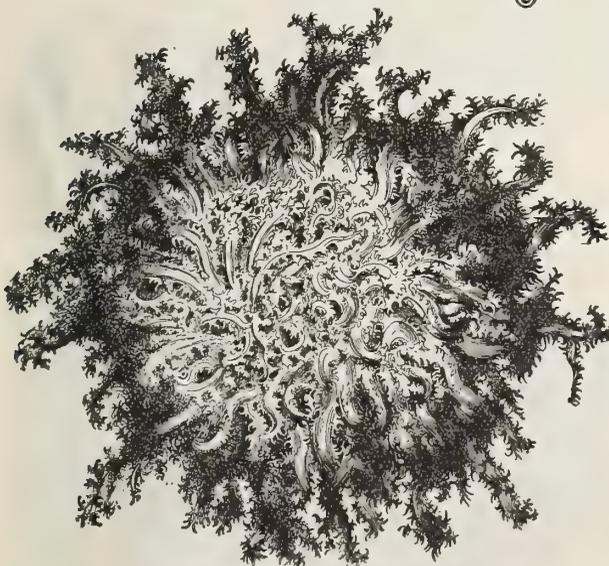
**Improved Thick-leaved.** (See cut.) An improved thick-leaved variety. Pkt. 10 cts.; oz. 50 cts.

**GARLIC.***See Onion Sets, page 37.***HORSERADISH.***See Vegetable Plants, page 47.*

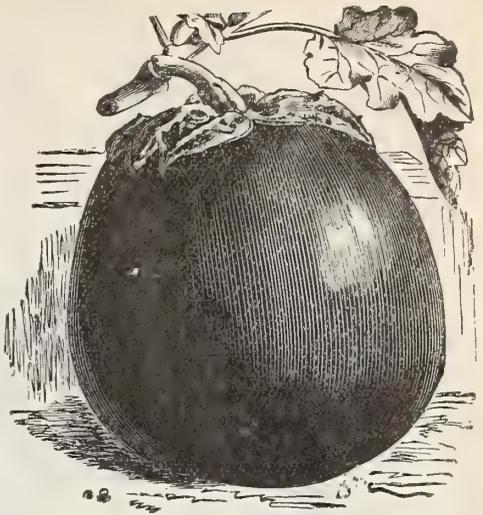
IMPROVED THICK-LEAVED DANDELION.

©

useful as nest-eggs as well as ornamental as a climber. Pkt. 5 cts.; oz. 40 cts.



DREER'S GIANT FRINGED ENDIVE.



NEW YORK IMPROVED LARGE PURPLE EGG-PLANT.

**GOURDS.****Useful Sorts for the Kitchen Garden.**

**Dish-cloth or Loofa.** A natural dish-cloth, furnished by the peculiar lining of the fruit, which is sponge-like, porous, very tough, elastic and durable. The dried interior of these gourds have become an article of commerce, and are sold by druggists. Pkt. 5 cts.; oz. 40 cts.

**Sugar Trough.** This variety grows to a large size, holding from 4 to 8 gallons each, having hard, thick shells, very strong, but light and durable, lasting for many years. They are used for a variety of purposes, such as buckets, baskets, nest boxes, etc. Pkt. 5 cts.; oz. 30 cts.

**White Egg-formed.** Also called Japanese Nest-egg Gourd. Exactly resemble, in color, shape and size, the eggs of hens, and are

**ENDIVE.***Endivien, GER. Chicoree, FR. Endivia ó Escarola, SP.***One ounce of seed to 150 feet of row.**

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

Pkt. 5 c.; oz. 20 c.;  $\frac{1}{4}$  lb. 50 c.; lb. \$1.50, except where noted. **Green Curled Winter.** Standard sort for fall and winter crop.

**White Curled (Self-blanching).** Leaves pale green, grows to a large size, always crisp and very tender. The Chicory Salad of the restaurants.

**Broad-leaved Batavian (Escarolle).** Leaves broad, light green, nearly plain, used in stews and soups.

**Giant Fringed (Oyster Endive).** (See cut.) A strong-growing variety with a large white heart and broad stems; good for fall and winter. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00.



EARLY WHITE VIENNA  
KOHLE-RABI.

## KOHL=RABI (Turnip-rooted Cabbage).

*Kohl-Rabi*, GER. *Chou Rave*, FR. *Col de nabo ó Nabicol*, SP.

One ounce of seed will sow a drill of about 150 feet.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as for Cabbage, but in hoeing be careful not to throw earth into the heart of the plant, or the bulb cannot form.

**Earliest Erfurt.** A white, tender variety, with a smooth root and very short top; the best variety for outdoor culture. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.00.

**Early White, or Green Vienna.** Flesh white and tender, a standard sort for market use or forcing; very short top. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

**Early Purple Vienna.** Bluish-purple, similar to the above, except in color. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.

## KALE, or BORECOLE. *Grüner oder Blätter Kohl*, GER. *Chou Vert*, FR. *Breton*, SP.

One ounce of seed will sow a drill of about 200 feet.

Price: Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts., except where noted.

The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

**Dreer's Imperial Long Standing.** (See cut.) A beautiful curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance, and a bright green color. It is superior to all other sorts, and is undoubtedly the best for private gardens.

**Dwarf Green Curled German.** Leaves yellowish-green, very compact and beautifully curled; sow in September for winter and early spring use.

**Dwarf Curled Scotch.** Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens.

**Sea Kale.** A delicious vegetable, grown for its blanched shoots, which are cooked like Asparagus. Sow in the spring and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower-pot; and if it is desired to force them, cover the pot and earth around with fresh manure. Pkt. 10 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00.



DREER'S IMPERIAL LONG-STANDING KALE.

## LEEK.

*Lauch*, GER. *Poireau*, FR. *Puerro*, SP.

One ounce will sow about 100 feet of drill.

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. The whole plant is edible, and is used in soups, boiled with meat, etc. Considered by many as of more delicate flavor than the Onion. Sow early in April, in drills 1 foot apart and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$1.50. except where noted.

**Large American Flag.** (See cut.) Large, hardy and of excellent quality.

**Giant Carentan.** The favorite market variety, large thick stem, of mild flavor and attractive appearance.

**Musselburgh.** Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality.

**London Flag.** An old and popular sort; one of the hardiest and best for winter use. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.; lb. \$1.50.



LARGE AMERICAN FLAG LEEK.



SEA KALE.

"Dreer's Open-Air Vegetables," '96 notes on all crops. Now ready. 25 cts.

We pay postage on Vegetable and Flower Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

One ounce will sow 150 feet of drill.

# LETTUCE.

*Lattich oder, Garten Salat, GER.*

*Laitue, FR. Lechuge, SP.*

**Price:** Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25, except where noted.

Sow the seed in hot-beds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad, sow the seed thickly in rows or broadcast.

**New Lettuce, "Wonderful."** (See Novelties.) Pkt. 10 cts., 3 pkts. 25 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Big Boston.** (See cut.) Resembles the popular Boston Market, but is nearly twice as large; desirable for forcing frames and for spring and fall outdoor planting. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25.

**Boston Market (White Seed).** Hardy and crisp; the earliest heading variety; one of the best for forcing.

**Black-Seeded Tennisball.** A favorite forcing variety. Forms a close, hard head, with few outer leaves.

**Hittinger's Belmont Forcing.** An improvement on the Boston Market, larger in size, with well-formed heads of remarkably crisp and tender quality, most desirable for forcing. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25.

**Emperor Forcing.** A very early small light green, yellow heart.

**Early Curled Simpson (Silesia).** Forms a close, compact mass of leaves; very early, excellent for forcing.

**Black-Seeded Simpson.** Produces a compact mass of leaves of a light color, nearly double the size of the ordinary Simpson; standing well the summer heat.

**Grand Rapids Forcing.** This is regarded in the West as the best forcing and shipping variety. It matures quickly, large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other sort.

**Salamander.** (See cut.) An excellent spring, summer and fall variety, forming good-sized heads, that stand drought and heat longer without injury than any other sort; matures very early and is of excellent quality.

**DREER'S Improved Hanson.** This superior Lettuce, which we introduced twenty-two years ago, is the best summer heat-resisting sort. The heads grow to a remarkable size, and are sweet, tender and crisp. For outdoor culture it is unequalled. Our stock is selected and true to its original purity.

**Denver Market.** This Lettuce is highly recommended, either for forcing or open ground; forms large solid heads of a light green color; is slow to seed. The leaves are curled and crimped, very crisp and tender.

**Silver Ball.** (See cut.) This is one of the best all-the-year-round Lettuce we know of. It is an excellent variety, as well for early spring and summer use as for winter forcing. The heads are silvery white, very firm and compact. Pkt. 5 cts., oz., 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



BIG BOSTON.

**Early Dutch Butter, Spotted.** Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Early White Cabbage (White Butter).** A favorite for sowing in the fall; nearly hardy, requires only a slight protection; produces fine well-formed heads.

**California Cream Butter (Black Seed).** A splendid summer variety.

**Golden Queen.** Very early, yellow collar; excellent for forcing.

**Deacon.** One of the best summer cabbage sorts; very crisp, large and light in color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Royal Cabbage, or Summer Drumhead.** Heads large, crisp, tender, of good flavor, and stand the summer heat well.

**Yellow-Seeded Butter.** (*Champion Spring and Summer*). A distinct sort, making a compact yellow head, of excellent flavor, withstands heat well and remains crisp and tender.

**Oak Leaved.** Very distinct, excellent for summer use and for growing in the South, as it resists the greatest heat.

**Defiance.** One of the very best Lettuces, crisp and tender, and remains in prime condition a long time before going to seed. As a summer variety it has become a standard sort.

**Sensation.** Very similar to Salamander; good summer variety.

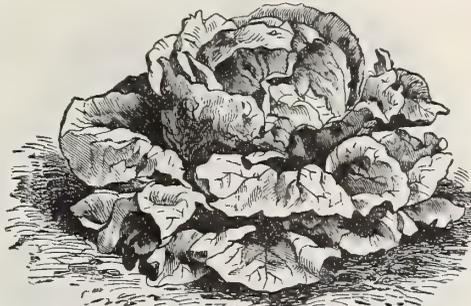
**Kingsholm Cos.** A fine Cos sort, forming long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Paris White Cos.** Type of Kingsholm; lighter color, very tender. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Trianon Self-Folding.** A self-blanching Cos Lettuce, very crisp and tender, and of excellent flavor. The leaves when bleached are stiff like celery stalks, and can be eaten in the same manner. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

For Lettuce Plants, see page 47.

"DREER'S Open-Air Vegetables." Now ready. 25 cts.  
"DREER'S Vegetables Under Glass" treats on Lettuce as a main crop. Now ready. 25 cts.



SALAMANDER.



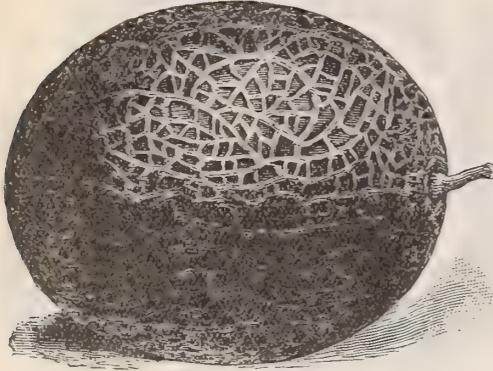
SILVER BALL.

# MUSK MELONS.

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

Melons thrive best in a light rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Musk Melons, 8 feet for Water Melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

Price: Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., except where noted.



TRIUMPH

**Triumph.** (See cut.) This superb new Melon is a cross between Columbus and Osage, combining all the good qualities of these two most excellent varieties; flesh red, thick and luscious, and ripens clear to the rind; melons of medium size, beautifully netted.

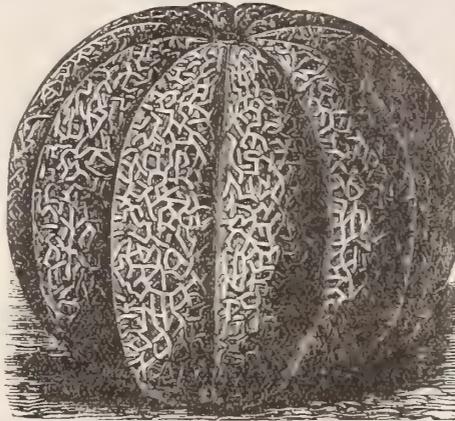
**Columbus.** This very attractive new variety combines in a high degree sweetness and fine keeping and cropping qualities. Its beautiful buff skin is covered with a very thin whitish netting; flesh green, very solid and thick.

**Emerald Gem.** (See cut.) A small very early Melon, form globular; flesh salmon-colored; too much cannot be said in favor of this variety; the flavor is exceptionally fine—solid and thick, exterior dark green.

**Netted Gem.** One of the earliest, best and most prolific small Melons. Globular shape, uniform in size; flesh light green, of very fine flavor; a popular variety with market gardeners, as it is very uniform and an excellent shipper.

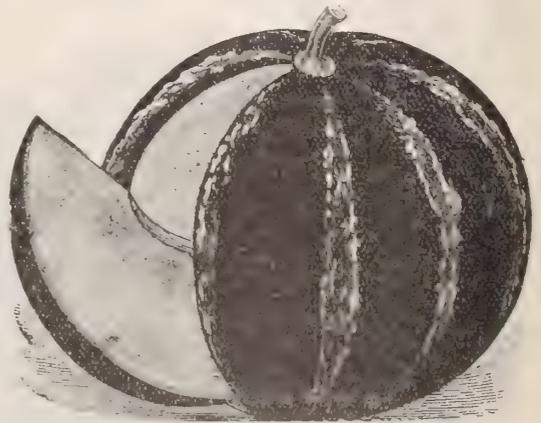


NETTED GEM.



EXTRA EARLY HACKENSACK MELON.

**Tip-Top.** Quite distinct in appearance, this new Melon is of the finest quality. Flesh yellow, sweet, juicy, and firm, but not hard fleshed. Fruit ribbed and beautifully netted, a very productive and excellent variety. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.



EMERALD GEM.

**Jenny Lind.** The earliest variety; netted, of small, round size, excellent flavor.

**Golden Jenny.** A small, highly prized early variety.

**Cassabah.** This much-improved sort has come to the front; it is the largest variety grown. (See Novelties) Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Green Citron.** Medium size, deeply netted, nearly round, of delicious flavor.

**Pineapple, or Nutmeg.** Medium size, flesh green, firm, juicy and very sweet.

**Hackensack.** One of the best, of large size and attractive appearance; very productive, and of excellent flavor.

**Extra Early Hackensack.** (See cut.) A careful selection from the Hackensack, and with fruit much like the parents in shape and quality of the flesh, but ready for market 10 days earlier; they are of good size, weighing from 5 to 10 pounds each.

**Miller Cream, or Osage.** A remarkably good variety, of large size and delicious flavor; a favorite among truckers. The fruits are large and round, with light green, netted skin, and thick, sweet, salmon-colored flesh.

**Montreal Market.** Largest of the nutmeg varieties; uniform in shape; netted; flesh green; quality remarkably good. This is a famous melon of the Boston market, good specimens selling readily at 75 cts. each; can be grown on almost any soil with ordinary fertilizing and cultivating.

**Baltimore.** An oval, green-fleshed Melon, of good size; flesh thick and of delicious flavor.

**Cosmopolitan.** This brand-new green-fleshed Musk Melon is one of the most distinct and handsome Melons introduced, combining as it does the firm flesh of the French Cantaloupe and the delicious flavor of the American Musk Melon; fruit of medium size, spherical, with no ribs, and densely covered with gray netting. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.25.

We can also supply the following varieties: **Bay View, Delmonico, Mango or Vegetable Orange, Skillman's Netted, Surprise.** Per pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

"Dreer's Open-Air Vegetables" is a sure guide to growing Melons in any soils or localities. Now ready. 25 cts.

We pay postage on Vegetable and Flower Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expenses.

## WATER MELONS.

One ounce for thirty hills, four to five pounds for an acre.

Price: Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts., except where noted.

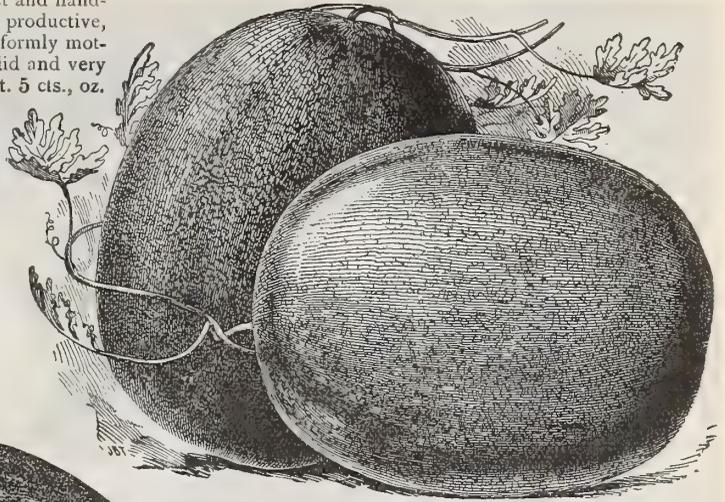
**Sweet Heart.** (See cut.) An entirely distinct and handsome new Water Melon. Vine vigorous and productive, ripening early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Flesh bright red, solid and very sweet; is sure to become a popular variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Black Spanish.** Solid; very thin rind, flesh scarlet, sweet and luscious; a profitable variety for the market gardener.

**Mountain Sweet.** Early, large, oblong, dark green, thin rind, flesh red, solid, rich and sweet, especially good for Northern gardens.

**Cuban Queen.** One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary.

**Florida Favorite.** Of medium size, striped alternately light and dark green, flesh deep red, crisp and deliciously sweet. Earlier than Kolb Gem by two weeks.



SWEET HEART.

**Boss.** Color dark green, flesh unusually deep scarlet, rind very hard, but thin; quality of the best.

**Dark Iceing.** The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white.

**Wonderful** (*The McIver Sugar Melon*). A variety introduced from North Carolina. A very sweet solid-fleshed sort, often grows to the length of two feet, and from 12 to 16 inches in diameter. The rind is marked with broad bands of yellowish-green, shading to deep green; shaped oblong; is entirely stringless; an acquisition to the list of Melons. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Striped Gypsy, or Rattlesnake.** An early variety, large oblong, skin green, mottled and striped, rind thin, flesh crimson and fine flavored. One of the best shipping sorts.

**Ice Cream** (*White Seed*). One of the best, skin mottled gray, flesh pink, solid, sweet and melting, of medium size and nearly round.

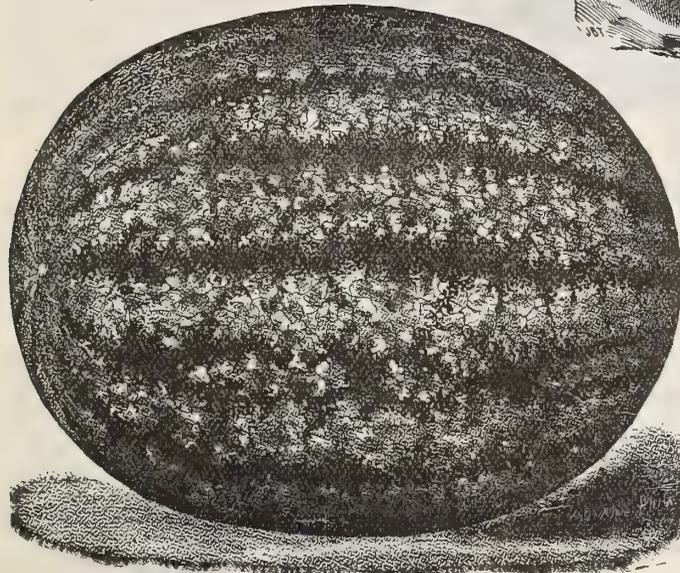
**Ironclad.** Of large size and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of a most delicious flavor, and is not surpassed for productiveness.

**Seminole.** An extra early Water Melon, of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The Melons are of two colors—gray and light green; the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. It is a very productive Melon, and should be largely grown by farmers and truckers.

**Dixie.** (See cut.) A cross between the Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equaling the latter in quality and fine flavor. It has a remarkably hard but very thin rind, and will keep longer than any other variety. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 75 cts.

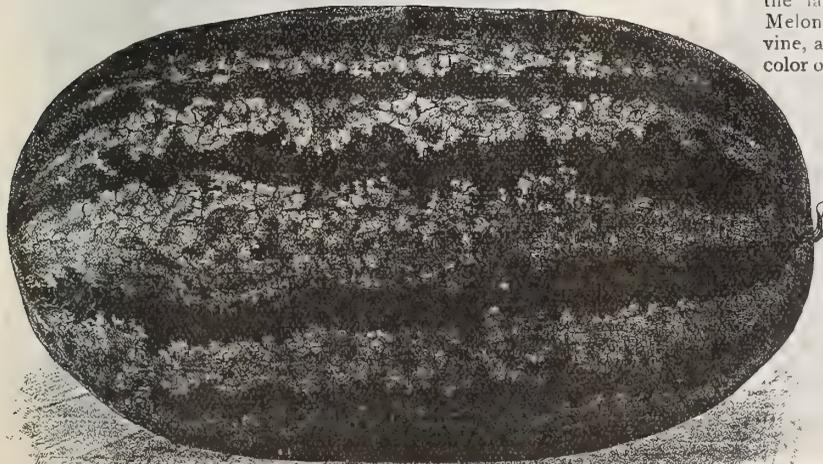
**Colorado Preserving Citron.** This variety combines all the best characteristics of a Preserving Melon, and often attains a weight of 20 pounds; flesh white and very firm.

"Dreer's Open-Air Vegetables." Short notes of our 1896 observations. 25 cts.



KOLB GEM.

**Kolb Gem.** (See cut.) This Melon grows to a very large size, and is an excellent shipper. Of a delicious, sugary flavor, bright red flesh, firm and solid. It is one of the largest (30 to 50 lbs.), most productive and best keeping melons grown.



A. Blanch-Phelix

DIXIE.

## DREER'S RELIABLE English Milltrack Mushroom Spawn.



### OKRA, OR GOMBO.

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills.

**Dreer's Little Gem.** The best of the dwarf sorts. Pods long, slender, and of a light green color. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts.

**White Creole.** (*White Velvet*). This variety is largely grown in the South, and is preferred by many to the green-podded sorts, is considered more tender and of better flavor. Pods perfectly round, free from ridges. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 80 cts.

**Improved Green.** A very desirable sort for market gardeners; of medium height; very productive; bears long pods, which remain tender a long time and are free from hard ridges. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.



IMPROVED GREEN OKRA.

"Mushrooms, How to Grow Them," by Wm. Falconer, postpaid, \$1.35. "Mushroom Culture" (Robinson), postpaid, 50 cents. DREER'S "Vegetables Under Glass," 25 cents.

### MUSHROOM SPAWN.

The best results are obtained by the use of our superior English Mushroom Spawn, which is largely used by the most successful growers around Philadelphia. The quality of our spawn is well known.

Full and explicit instructions for growing can be found in Dreer's "Vegetables Under Glass." By mail 25 cts.

Everyone who has a cellar or outside buildings not in use should, by all means, grow this most delicious vegetable, considered by most people a luxury. One of the best places to grow these is under a greenhouse bench, where the thermometer does not run too high.

Dreer's Mushroom Circular free on application.

**Best English Milltrack Spawn.** Per brick 15 cts.; 12 bricks \$1.75; 100 bricks \$12.50. By mail, 25 cts. per brick; 25 lbs. \$2.50; 100 lbs. \$9.00.

**French Spawn.** 2 lb. boxes 90 cts.; 3 lb. boxes \$1.25.

### MUSTARD.

One ounce will sow about eighty feet of drill.

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

**White London.** For salads and flavoring purposes. Oz. 5 cts.;  $\frac{1}{4}$  lb. 15 cts.; lb. 40 cts.

**Chinese.** Leaves twice the size of the white, flavor sweet and pungent. Oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.



WHITE OR LONDON MUSTARD.

### MARTYNIA.

The seed pods are used for pickling, when gathered young and tender. Sow in the open ground in May, in hills 3 feet apart each way, or in a hot-bed, and afterwards transplant.

**Martynia Proboscidea.** Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00.

### NASTURTIUMS.

Four ounces of seed to one hundred yards of row.

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil; when all danger of frost is over, train the Tall on brush, trellises, or fences, and grow the dwarf in beds.

**Tall Mixed.** Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**Dwarf Mixed.** Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

(For special colors of named varieties, see Flower Seeds, page 80.)

# ONIONS. *Zwiebel, GER. Oignon, FR. Cebolla, SP.*

**One ounce for one hundred feet of drill, six pounds for one acre.**

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about 1/4 inch deep, in March or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

By sowing Onion seed in frames in February or March and transplanting in April, Onions of immense size can be obtained. For this purpose the varieties Southport Globe (White, Yellow or Red) and Prizetaker are usually preferred.

**Extra Early Red.** Earlier than the Wethersfield, and somewhat smaller, close-grained and a good keeper. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.50.

**Early Yellow Cracker.** An extra early variety, popular in the Rhode Island markets. An excellent sort to raise where the seasons are short. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.75.

**Large Red Wethersfield.** A leading variety in the Eastern States; grows to full size the first season from seed, almost round, large, deep red, keeps well. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 40 cts.; lb. \$1.25.

**White Portugal, or Silver Skin.** One of the leading sorts, mild flavored, early, extensively grown for pickling. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

**Yellow Globe Danvers.** A standard sort and one of the most desirable, an excellent keeper and very productive. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 40 cts.; lb. \$1.25.

**Philadelphia Yellow Dutch, or Strasbourg.** The leading market variety, a good keeper and well flavored; bright straw-colored skin and somewhat flattened shape; extensively grown for sets. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 35 cts.; lb. \$1.15.

**Mammoth Silver King.** Of large size, flat; skin and flesh pure white; very mild. Pkt. 10 cts.; oz. 25 cts.; 1/4 lb. 75 cts.; lb. \$2.25.

**Giant Rocca.** A large yellow globular variety of delicate flavor. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 50 cts.; lb. \$1.50.

**Prizetaker.** This is the large pale yellow onion that is offered for sale in the fruit stores and markets in the fall. It grows to a very large size; flesh white, of mild and delicate flavor. Pkt. 10 cts.; oz. 25 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

**White Pearl.** One of the earliest varieties, pure white, mild flavor and attractive appearance. Pkt. 10 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

**White Queen.** A rapid growing variety, of mild flavor, early, and excellent for pickling. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.

**White Barletta.** An extra early small white onion. As a pickling variety it is unexcelled. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 60 cts.; lb. \$2.00.



PRIZETAKER.

**Bermuda White.** The Bermudas are the earliest onions in the market, and are grown extensively in the South. Pkt. 10 cts.; oz. 30 cts.; 1/4 lb. \$1.00; lb. \$3.00.

**Bermuda Red.** Similar to the above, but with deep red skin. Pkt. 10 cts.; oz. 30 cts.; 1/4 lb. \$1.00; lb. \$3.00.

**Large White Tripoli.** Large flat white variety, of mild flavor. Pkt. 10 cts.; oz. 25 cts.; 1/4 lb. 75 cts.; lb. \$2.25.

**Large Red Tripoli.** Large, red, flat; free from strong aroma, and keeps well during the winter. Pkt. 10 cts.; oz. 25 cts.; 1/4 lb. 75 cts.; lb. \$2.25.

**White Victoria.** Grows to a large size; oval shape, skin and flesh silvery white, very mild and sweet. Pkt. 10 cts.; oz. 25 cts.; 1/4 lb. 75 cts.; lb. \$2.25.

**Southport Red Globe.** Beautiful globe-shaped, a good keeper and of superior quality. Pkt. 5 cts.; oz. 20 cts.; 1/4 lb. 50 cts.; lb. \$1.50.

**Southport White Globe.** Pure white color, mild flavor, and equally as good for keeping as the yellow sort. Pkt. 10 cts.; oz. 30 cts.; 1/4 lb. \$1.00; lb. \$3.00.

**Southport Yellow Globe.** A very large, handsome, globular-shaped, yellow variety, very productive, of mild flavor, excellent keeper. Pkt. 5 cts.; oz. 15 cts.; 1/4 lb. 40 cts.; lb. \$1.25.

## ONION SETS.

Prices subject to market changes.

Onion sets should be planted out as early in the spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart.

|                           | Per qt. | Per 1/2 pk. | Per pk. | Per bus. |
|---------------------------|---------|-------------|---------|----------|
| Yellow Onion Sets         | \$0 20  | \$0 60      | \$1 00  | \$2 50   |
| White Onion Sets          | 20      | 70          | 1 25    | 4 00     |
| Red Onion Sets            | 20      | 70          | 1 25    | 3 50     |
| White Potato (Multiplier) | 25      | 75          | 1 25    | 4 00     |
| Yellow Potato Onions      | 25      | 75          | 1 25    | 4 00     |
| Shallots                  | 25      | 75          | 1 50    | 4 50     |

Garlic. Lb. 25 cts.; mail 35 cts.

Postage on Onion Sets 10 cts. per quart additional.



SOUTHPORT WHITE GLOBE.

# GARDEN PEAS.

One quart will plant about 100 feet of drill. One and a half bushel for one acre.

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam, or inclining to clay, is the best. When grown in gardens sow in double rows, 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small round sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best-flavored varieties. The dwarf varieties are best suited for small gardens or for forcing, planted in rows 1 foot apart.

Packets of all varieties of Peas at 10 cts. each. Add for postage on Peas 8 cts. per pint, 15 cts. per quart. Larger quantities sent by express or freight at purchaser's expense.



DREER'S EUREKA EXTRA EARLY.

## Extra Early Varieties.

**Dreer's Eureka Extra Early.** The earliest and most prolific variety. This sort has given the best results wherever grown, and is a standard for earliness and quality. It is an even cropper, and can be gathered clean in two pickings. For a late fall crop it has few equals, and is the market gardener's favorite for all seasons; height 20 inches. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.00.

**Dreer's Extra Early Pioneer.** A Pea that will meet the wants of all who desire EARLY PEAS. Pods of medium size, containing 4 to 6 full, plump peas of fine flavor. A remarkably early variety, and one that should be largely planted by market gardeners and truckers. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.00.

**Improved Daniel O'Rourke.** A valuable sort for market gardeners and private use. Productive and early. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 65 cts.; peck \$1.00; bu. \$3.75.

**Alaska.** An extra early round pea. Of good flavor, and bearing pods of a dark green color, which are well filled and ripen uniformly; 2 feet. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 65 cts.; peck \$1.00; bu. \$3.50.

**Lightning.** A very early Pea, bearing in great profusion long, well-filled pods, containing peas of a bright green color, well flavored, sweet, and of good size. The plants are completely studded with peas early in the season; 2 feet. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 65 cts.; peck \$1.00; bu. \$3.50.

**Nott's Excelsior.** One of the best of recent introduction, an improvement on American Wonder, being more vigorous and prolific, with large pods and more peas. A decided acquisition, and sure to become popular when generally known; height 1 foot. Pt. 15 cts.; qt. 30 cts.;  $\frac{1}{2}$  peck \$1.00; peck \$1.75; bu. \$6.00.

**American Wonder.** The earliest wrinkled variety in cultivation; in productiveness, flavor and quality it is unsurpassed. Pt. 15 cts.; qt. 30 cts.;  $\frac{1}{2}$  peck \$1.00; peck \$1.75; bu. \$6.00.

**Premium Gem.** A fine flavored dwarf, wrinkled variety, an improvement on the Little Gem; pods long, dark green and prolific; height 18 inches. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.50.

**Little Gem.** A dwarf first early, green wrinkled marrow, very prolific, and of superior flavor; 1 foot. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.50.

**Blue Beauty.** A good variety to follow American Wonder; it grows compactly and bears a profusion of excellent peas; 18 inches. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 65 cts.; peck \$1.00; bu. \$3.75.

## Second Early and Medium.

**Advancer.** A fine early market variety, prolific, well-filled long pods, tender and of delicious flavor; 2 feet. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.50.

**Horsford's Market Garden.** A prolific and desirable pea for a summer crop. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.50.

**Abundance.** Pods containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds;  $1\frac{1}{2}$  feet. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 75 cts.; peck \$1.25; bu. \$4.50.

**Heroine.** A medium early green wrinkled pea, and one of the best of recent introduction; large, curved, showy pods; an immense cropper; peas of finest quality. Height 2 to  $2\frac{1}{2}$  feet. Pt. 15 cts.; qt. 30 cts.;  $\frac{1}{2}$  peck 85 cts.; peck \$1.50; bu. \$5.50.

**Admiral.** A recent introduction of great promise. Season medium, vines vigorous, bearing pods in great abundance closely packed with peas of excellent flavor. Height 3 to  $3\frac{1}{2}$  feet. Pt. 15 cts.; qt. 25 cts.;  $\frac{1}{2}$  peck 65 cts.; peck \$1.25; bu. \$4.50.

**Fillbasket.** Hardy, prolific, upright and branching in habit, pods well filled with medium size peas; one of the best second early. Season medium. Height  $2\frac{1}{2}$  feet. Pt. 15 cts.; qt. 30 cts.;  $\frac{1}{2}$  peck 85 cts.; peck \$1.50; bu. \$5.50.

**Shropshire Hero.** A grand new second early wrinkled pea, producing long, handsome, well-filled pods in great abundance;  $2\frac{1}{2}$  feet. Pt. 20 cts.; qt. 30 cts.;  $\frac{1}{2}$  peck 85 cts.; peck \$1.50.

## NEW PEAS.

**Dreer's Electric Extra Early.**  
**Gradus.**  
**Ameer.**  
**Duke of York.**

See Novelties, pages 1 to 4.

## GARDEN PEAS—Continued.

## GENERAL AND LATE CROP.

**Champion of England.** The most popular wrinkled variety in cultivation, of delicious flavor; a profuse bearer; 5 ft. Pt. 15 cts., qt. 25 cts.,  $\frac{1}{2}$  peck 65 cts., peck \$1.25, bu. \$4.50.

**Long Island Mammoth.** (See cut.) A very productive variety, of dark glossy long pods well filled, excellent flavor, one of the best market sorts. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75, bu. \$6.00.

**Yorkshire Hero.** A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper and excellent quality; 2 $\frac{1}{2}$  ft. Pt. 15 cts., qt. 25 cts.,  $\frac{1}{2}$  peck 65 cts., peck \$1.25, bu. \$4.50.

**Everbearing.** A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor; very sweet and tender; 2 ft. Pt. 15 cts., qt. 25 cts.,  $\frac{1}{2}$  peck 65 cts., peck \$1.25, bu. \$4.50.

**Juno.** (See cut.) One of the best of the late wrinkled Peas, with large, straight pods filled with delicious dark green Peas of large size. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75, bu. \$6.00.

**Pride of the Market.** A medium early dwarf Pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality; 1 $\frac{1}{2}$  ft. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75, bu. \$6.00.

**Telegraph.** A strong grower, producing large pods containing 10 to 12 large peas in each. Peas, when cooked, are of a deep green color, and of very fine flavor. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75, bu. \$6.00.

**Improved Stratagem.** In this improved variety all the good qualities of the old Stratagem are highly developed, and it is vastly superior to the stock now generally sold as Stratagem. Pods of immense size filled with very large dark green peas of the finest quality. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75.

**Telephone.** Immensely productive, of the finest quality and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large

size and closely packed with large, delicious peas; 4 ft. Pt. 20 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75, bu. \$6.00.

**Blue Imperial.** A favorite summer market gardener's variety; good bearer, and of fine flavor; height 3 ft. Pt. 15 cts., qt. 25 cts.,  $\frac{1}{2}$  peck 75 cts., peck \$1.25, bu. \$4.50.

**French Canner** (*Petit Pois, or Small French Pea*). This is the small French Pea extensively used for canning, and is the most profitable variety grown for that purpose; very prolific, with long, slim pods containing from 7 to 10 peas; 3 to 3 $\frac{1}{2}$  ft. Pt. 15 cts., qt. 20 cts.,  $\frac{1}{2}$  peck 60 cts., peck \$1.00, bu. \$3.50.

**The Queen.** A green, wrinkled, main crop variety, with large, curved pods, covering the vine from bottom to top. The peas are large, deep green, very sweet. The vines are strong, of branching habit; should be sown thin. Pt. 15 cts., qt. 30 cts.,  $\frac{1}{2}$  peck \$1.00, peck \$1.75, bu. \$6.00.

**Large White Marrowfat.** Large, well-filled pods; 5 ft. Pt. 10 cts., qt. 15 cts.,  $\frac{1}{2}$  peck 45 cts., peck 75 cts., bu. \$2.25.

**Black-eyed Marrowfat.** This and the White Marrowfat are extensively grown as field peas, as they are hardy, productive and bear well-filled pods; 4 ft. Pt. 10 cts., qt. 15 cts.,  $\frac{1}{2}$  peck 45 cts., peck 75 cts., bu. \$2.25.

## SUGAR PEAS (Edible Podded).

Pt. 25 cts., qt. 40 cts.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole, and served up with white sauce.

**Dwarf White Sugar.** Edible pods, fine flavor; used like Snap-short Beans; 2 feet.

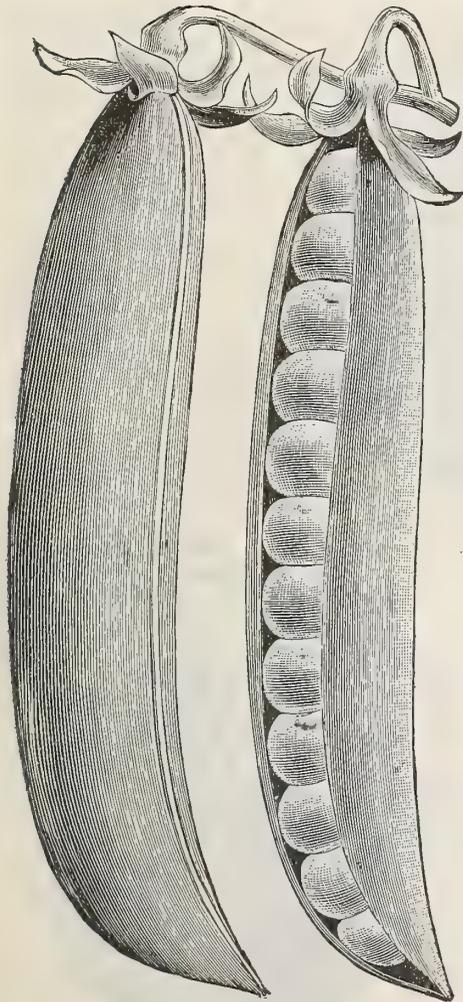
**Tall White Sugar.** Large, long, edible pods; used like the Dwarf Sugar; 5 ft.

**Mammoth Melting Sugar.** A new and prolific variety of delicious quality; bearing pods of larger size than any other Sugar Pea; 5 to 6 ft.

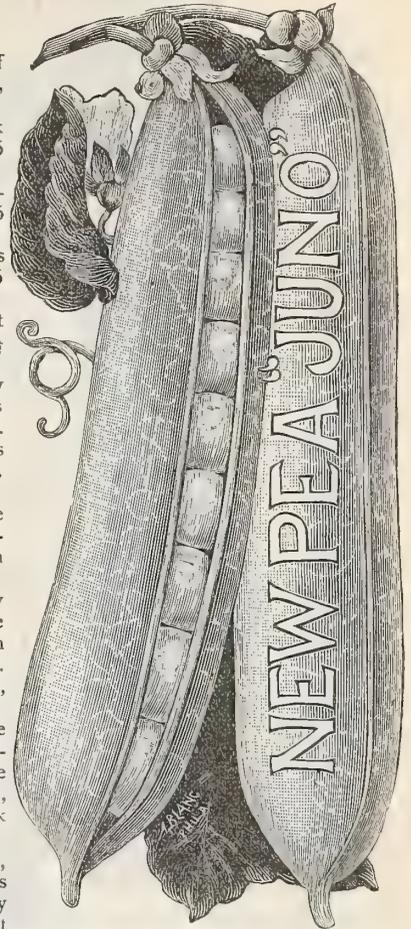
**Dwarf Gray-seeded Sugar.** Similar to above variety; height 2 ft.

For Peas (*Field Varieties and Cow Peas*), see *Farm Seeds*, page 49.

See "*Dreer's Open-Air Vegetables*" for notes on Peas for Rotation.



LONG ISLAND MAMMOTH

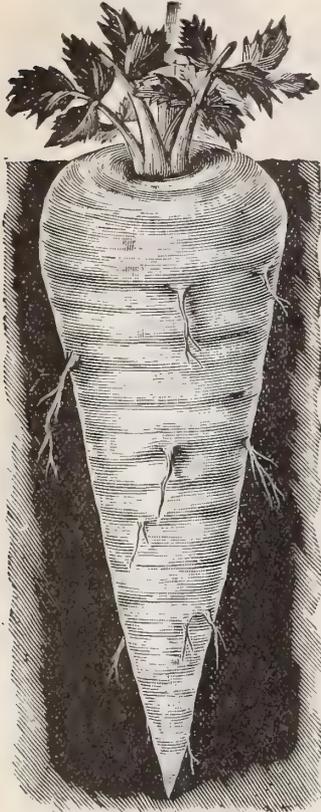


Packets of all varieties of Peas at 10 cts. each. Add for postage on Peas 8 cts. per pt., 15 cts. per qt. Larger quantities sent by express or freight at purchaser's expense. Seeds and Plants are now taken by leading Express Companies at a reduction of 20 per cent. from the regular rates for merchandise.

## PARSNIP.

*Pastinake*, GER. *Panaïs*, FR. *Pastinaca* & *Chirivía*, SP.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.



LARGE SUGAR, OR HOLLOW CROWN.

## Parsley.

*Petersilie*, GER. *Persil*, FR.

*Peregil*, SP.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow rich soil. Sow thickly early in April, in rows 1 foot apart and  $\frac{1}{2}$  inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

**Half Curled.** A medium curled variety for garnishing and seasoning. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Dwarf Extra Curled Perpetual.** Leaves tender, crimped and very curly, of a bright green color, and very ornamental; excellent for garnishing. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts.

**Champion Moss Curled.** A distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year around, as it rarely runs to seed. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts.

**Fern Leaved.** Nothing better for garnishing could be desired. As a garden decorative plant it is very ornamental. It will stand the winter if covered before frost. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.

**Turnip-rooted, or Hamburg.** The edible portion is the fleshy root, which resembles a small parsnip, and is used for flavoring soups, stews, etc. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 90 cts.

**Plain or Single.** Dark green with plain leaves; very hardy. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 85 cts.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and  $\frac{1}{2}$  inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

### Large Sugar, or Hollow Crown.

The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.

**Student or Guernsey.** A good, half-long variety; smooth, sweet and delicate flavor. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.



DWARF EXTRA CURLED PERPETUAL PARSLEY.

## PEPPER.

*Pfeffer*, GER. *Piment*, FR. *Pimiento*, SP.

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Golden Dawn and Ruby King, are used for Mangoes, while the small fruited sorts are the best for sauces. Sow in hot-beds in March or April, or on a warm sheltered border in May, and, when the season is favorable, transplant in good, rich, mellow ground.

**Large Bell, or Bull Nose.** A large early variety, of mild flavor, rind thick and fleshy. Pkt. 5 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 75 cts.; lb. \$2.50.

**Large Sweet Spanish.** The large, red variety used for pickles and in salads. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.

**Ruby King.** A good variety for Mangoes or pickling, as it is not too fiery. A productive sort. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.

**Long Red Cayenne.** From 3 to 4 inches long, of bright-red color, very productive and hot. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.

**Small Chili.** Red conical pods about 2 inches long, very hot and prolific; used for seasoning and pepper sauce. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.

**Procopp's Giant.** Grows to a large size, from 8 to 9 inches long, of a brilliant scarlet; flesh very thick and moderately hot. Pkt. 10 cts.; oz. 35 cts.;  $\frac{1}{4}$  lb. \$1.25.

**Golden Dawn.** A beautiful yellow pepper; attractive in the garden as well as on the table; of mild and sweet flavor. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.

**Celestial.** A beautiful variety from China, with upright pods, conical in shape, and varying in color from a delicate creamy yellow to a vivid scarlet; single plants produce hundreds of pods, the contrasting colors of the fruit rendering it an object of striking beauty and oddity; it is worthy of a place in the flower garden as well as in the kitchen garden. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. 90 cts.

**Creole, or Bird's Eye.** A distinct variety, largely grown in the South; fruit very small, round and very hot. It is quite ornamental and often grown as a pot plant. Pkt. 10 cts.; oz. 60 cts.

**Red Japan Cluster.** One of the most desirable peppers. It bears bright scarlet fruit in numerous clusters. As a decorative plant for the flower garden it will be found very useful. Pkt. 10 cts.; oz. 40 cts.

**Red Cherry.** A beautiful ornamental variety; fruit round, of a rich glossy scarlet color, very hot and used for seasoning. Pkt. 5 cts.; oz. 30 cts.

**Coral Gem.** Beautiful little pods of shining red color, so thickly set as to give it the appearance of a bouquet of coral; admirable as a pot plant. Pkt. 10 cts.; oz. 40 cts.



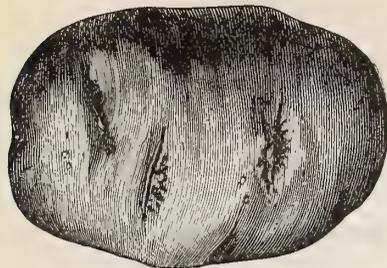
LARGE BELL OR BULL NOSE PEPPER.

# POTATOES.

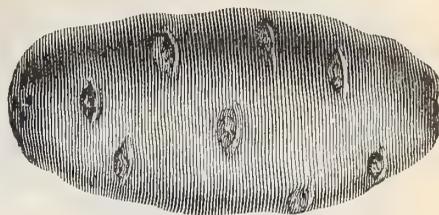
## IMPORTANT.

Prices of Potatoes are subject to market changes.

Potatoes are forwarded by express or freight as directed, purchaser paying charges. We assume no risk on Potatoes, which are forwarded strictly at purchaser's risk.



EARLY NORTHER.

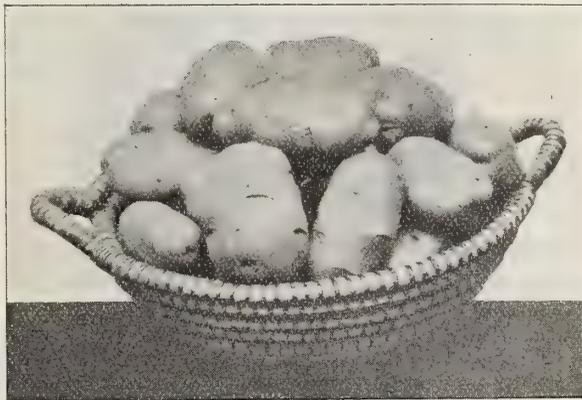


EARLY ROSE (Michigan grown).

The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato, being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of the phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime and bone-dust. Potato scab can be entirely prevented by using flower of sulphur in the rows with the phosphate. Use at the rate of 100 to 150 lbs. to the acre. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking.

**NOTICE.**—The varieties of Potatoes we offer are of the leading types, and have been gleaned from the long list of tried sorts. We make contracts with reliable growers for stock grown on new soil, and free of disease, and do not send out any but sound stock, hand picked, before being packed. We would be pleased to have purchasers return stock to us at our expense should it not be satisfactory.

**Dreer's Standard.** (See cut.) A splendid extra early variety, of fine quality, beautiful appearance and extraordinary productiveness, free from disease or rot, and an excellent keeper. Private gardeners in the vicinity of Philadelphia rely on this variety for their extra early crop.  $\frac{1}{2}$  peck 40 cts.; peck 75 cts.; bu. \$2.00; bbl. \$5.00.



A BASKET OF DREER'S STANDARD POTATOES.

**Early Ohio.** One of the very best early potatoes, and above all, is always fit for use before fully ripe. Many growers consider it the most profitable market variety.  $\frac{1}{2}$  peck 40 cts.; peck 75 cts.; bu. \$1.75; bbl. \$4.75.

**Early Rose.** (See cut.) A leading variety for earliness, quality and productiveness. Peck 50 cts.; bu. \$1.50; bbl. \$4.00.

**Beauty of Hebron.** Early; productive; of excellent quality; a good keeper. Peck 50 cts.; bu. \$1.50; bbl. \$4.00.

**Early Northern.** (See cut.) This variety, in our trial grounds the past summer, fully bore out the introducer's claims for it, viz.: That it outyields its parent, the Early Rose, two to one, is earlier, and bears nearly the same shape and color. Peck 75 cts.; bu. \$2.00; bbl. \$5.00.

**Carman No. 1.** The Carman No. 1 is a seedling from seedlings raised through several generations, with the object of developing good and suppressing undesirable qualities. It is intermediate in ripening, and resembles the Rural New Yorker No. 2 in shape, and also in having very few and shallow eyes. The flesh is white and quality perfect. An enormous producer of very large and handsome tubers. Peck 60 cts.; bu. \$1.50; bbl. \$4.25.

**Carman No. 3.** This variety originated on the trial grounds of the "Rural New Yorker," by Editor Carman. It is the best late variety, and one of the greatest yielders, large, oblong, slightly flattened. Peck 60 cts.; bu. \$1.50; bbl. \$4.25.

**Queen.** A medium early pinkish white potato of fine quality, yielding large, handsome tubers. Peck 60 cts.; bu. \$1.60; bbl. \$4.25.

### Burbank's Seedling.

A white-skinned, medium early variety, with few eyes; flesh fine-grained and of excellent flavor. Peck 50 cts.; bu. \$1.50; bbl. \$4.00.

### Rural New Yorker

**No. 2.** A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. This variety is yearly becoming more popular as the best late long keeper, and we can recommend it highly. Peck 50 cts.; bu. \$1.50; bbl. \$4.00.

### Crown Jewel.

A seedling of the Early Ohio, and partakes of the excellent qualities of that fine variety; skin white and smooth; eyes shallow but strong;

flesh pure white and floury. Peck 60 cts.; bu. \$1.60; bbl. \$4.50.

**State of Maine.** Medium early, excellent flavor, cooks dry, is a good keeper and very productive. Peck 50 cts.; bu. \$1.50; bbl. \$4.00.

**White Star.** A medium early variety of the best quality and appearance; large, oblong, uniform-sized tubers, remarkably productive. Peck 50 cts.; bu. \$1.50; bbl. \$4.00.

**Irish Daisy.** New; a seedling of the Empire State, of fine form and quality; an enormous yielder and one of the best late sorts. Peck 60 cts.; bu. \$1.60; bbl. \$4.50.

# SWEET POTATOES.

**Yellow Nansemond.** A short, thick variety, very productive, and considered the best for general culture. Peck 75 cts.; bu. \$2.00; bbl. \$5.25.

**Red Nansemond.** Short, thick and of good flavor; largely grown in some sections in preference to the yellow. Peck 75 cts.; bu. \$2.00; bbl. \$5.25.

(For Sweet Potato Plants, see page 47.)

# RADISH.

*Rettig, oder Radieschen, GER. Radis, Rave Petite et tonque, FR.*

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August; like the Turnip, they make the best growth in autumn, and must be taken out before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.

## SUMMER RADISHES.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., except where noted.

**White Delicacy.** (See Novelties.)

**Beckert's Chartier.** Color at top crimson, pink at middle, from thence downward pure, waxy white; very crisp and tender.

**Large White Summer.** Large, turnip-shaped, white; very crisp. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Long White Naples.** An excellent variety; white; crisp and mild.

**Long White Vienna (Lady Finger).** Beautiful in shape; skin and flesh are pure snow-white; crisp and of rapid growth.

**Giant White Stuttgart.** A quick-growing variety of large size, firm and brittle and of good quality.

**White Strasbourg.** Roots oblong, of a pure white color, very brittle and of mild flavor. A good variety for market purposes. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Large Yellow Summer.** Like White Summer, except in color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

## WINTER VARIETIES.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., except where noted.

**Round Black Spanish.** One of the best for winter use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60.

**Krewson's Oblong Black Spanish.** A selection from the Round Black Spanish, but of more perfect form. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Long Black Spanish.** A large, long variety; one of the hardiest; keeping until spring.

**Large White Spanish.** Same shape as above.

**California White Winter.** Large long white.



CARDINAL GLOBE.

## EARLY RADISHES.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts., except where noted.

**Dreer's Earliest White Globe Forcing.** (See Novelties.)

**Cardinal Globe.** This is the very best forcing variety, and is sown largely by market gardeners. It is of globular shape and brilliant cardinal-red color, short top. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**White-tipped Scarlet Gem.** An excellent variety for forcing, with very short leaves, bright scarlet, with a clearly-defined white tip.

**Scarlet Frame.** A very early Turnip Radish; of a bright scarlet crimson color; perfectly round, crisp and tender.

**Round Red Forcing.** One of the earliest and best of the Turnip varieties for forcing; very short leaved, small top; color of skin dark red, white fleshed.

**Round White Forcing.** Small white button type.

**Early Scarlet Turnip.** A small top variety, of quick growth, mild and crisp. It is a standard sort for early planting in the open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**French Breakfast.** Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color tipped with white.

**Cincinnati Market.** A new extra early variety, of the Long Scarlet type, of a clear bright red color, smooth and transparent. Specially good for sowing in frames and early border.

**Long Scarlet Short Top.** Long, bright, scarlet, with small top. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Half-Long Deep Scarlet.** An excellent intermediate sort for forcing or open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Philadelphia White Box.** Perfectly round, smooth skin, pure white, free from any sharpness or bitterness. A remarkably quick grower, with small top. For forcing it is in every way superior. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Early White Turnip.** An early, crisp, Turnip-shaped Radish of a pure white color. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Improved Golden Dresden.** (See Novelties.)

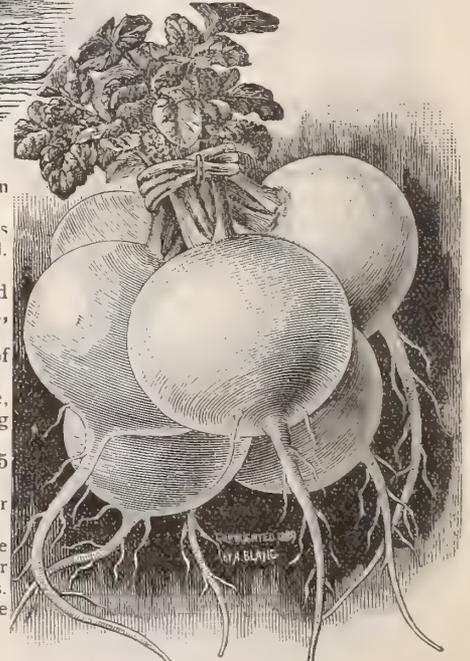
**Golden-Yellow Olive-shaped.** A very early yellow Radish, for forcing and the open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Scarlet China.** One of the best fall and winter varieties, a favorite with market gardeners. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 90 cts.

**Round Scarlet China.** A new variety of the China Winter Radish. Root round, of a fine scarlet color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



WHITE STRASBOURG.



PHILADELPHIA WHITE BOX.

"DREER'S Vegetables Under Glass" treats fully on forcing Radishes. Now ready. 25 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

## SPINACH.

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

This is an important market gardener's crop, of easy culture. For spring and summer use, sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting three or four seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 35 cts., except where noted.

**Dreer's Round Seeded Savoy.** The hardiest large Savoy-leaved; curled and crimped, with thick, fleshy leaves; the best for family and market purposes, and the best of all sorts for fall sowing.

**Long-Standing Round Seeded.** A large crimped, thick, fleshy Savoy-leaved variety; will stand two weeks longer than any other sort before shooting to seed.

**Victoria.** (See cut.) This variety is an acquisition to the list of Spinach; it matures later than the other varieties, but is of remarkably fine texture, of the deepest green, heavily crimped, thick, fleshy leaves, deep red stem; it is now grown extensively by the truckers of our markets, who would not be without the "Victoria." Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Catillon Long Standing.** Very long standing before running to seed.

**Prickly Seeded.** The hardiest variety, having smaller leaves; is not so productive as the above sorts.

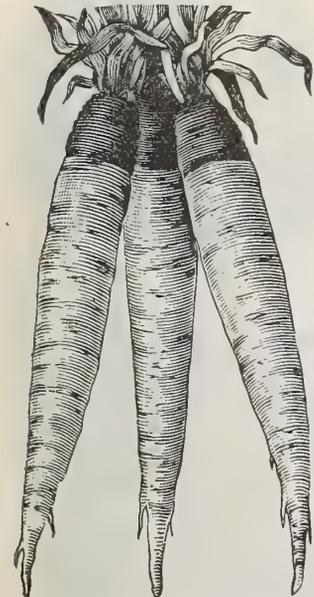
**New Zealand.** This variety endures heat and drought, and is the best for summer use; it produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 90 cts.

## RHUBARB.

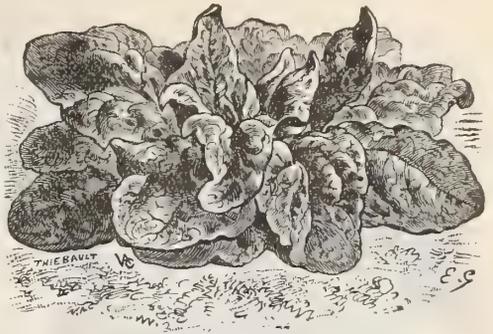
**Linnæus.** Early, large, tender, and very fine. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

**Victoria.** Very large; the finest cooking variety. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts.

(For Rhubarb Roots, see Vegetable Plants, etc., page 47.)



MAMMOTH SANDWICH ISLAND SALSIFY.



VICTORIA SPINACH.

## PUMPKIN.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. The Cashaw is generally preferred for cooking and making pies.

**Large Cheese.** One of the best for table use, productive, skin orange, flesh yellow and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Cashaw.** Long, yellow, crook-neck, similar to the Crook-neck Winter Squash; flesh yellow, solid, fine-grained and sweet. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Large Red Etampes.** Bright glossy red, of great size and very showy; excellent for exhibition purposes. Pkt. 10 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Large Yellow Mammoth Pot-iron** (*King of the Mammoths, Jumbo*). The largest of all Pumpkins; specimens have been grown weighing over 190 pounds. Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Large Tours.** A productive variety, which grows to an immense size, often weighing over 100 pounds. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Tennessee Sweet Potato.** Pear-shaped; flesh thick, cream-white, fine grained, and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Large Yellow Field.** For feeding stock. Oz. 5 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 25 cts., 10 lbs. \$2.00.

## SALSIFY, or VEGETABLE OYSTER.

*Hafer-Wurzel, GER. Salsifis, FR.*

A fine vegetable, used and served as Carrots; or, after being boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as Carrots and Parsnips; it is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

**Mammoth Sandwich Island.** This variety grows here to a very large size, and resembles a good-sized Parsnip. It is very mild and delicately flavored, and has already found its way to popular favor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Long White.** The favorite market variety, and the best flavored. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Long Black, or Scorzonera.** Resembles the above, and cultivated in the same way. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

## SORREL.

**Large Leaved Garden.** Cultivated for its acidity and much used in salads. The improved varieties, when well-grown and cooked the same as Spinach, make a healthy and palatable dish. Sow in drills early in spring and thin the seedlings to 6 or 8 inches apart in the row. One may commence cutting in about two months, and the plants will continue in full bearing for three to four years. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

We pay postage on Vegetable and Flower Seeds, except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

☞ "Dreer's Open-Air Vegetables" mailed for 25 cts.

# SQUASH.

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves and danger from bugs is over, leaving three or four of the strongest plants per hill.

**Price:** Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.; except where noted.



EARLY WHITE BUSH.

## EARLY SORTS.

**Early White Bush.** (See cut.) The best early variety for market or shipping; it grows to a large size, bearing an abundant crop.

**Golden Custard Bush.** Of similar size and shape to the White Bush, but of a rich golden-yellow color.

**Yellow Summer Crook-neck.** Early, productive and of good quality; skin orange-yellow.



YELLOW CROOK-NECK SQUASH.

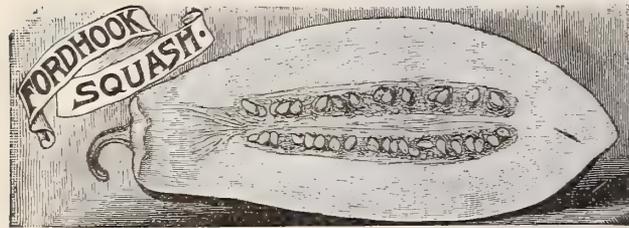
**Cook's Favorite.** This very desirable Squash is certain to please the most exacting, and when once grown will not be discarded. The skin is of a rich cream color, flesh deep orange, very fine-grained and superior for table use. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.00.

**Boston Marrow.** (See cut.) A good keeper, of excellent flavor, flesh orange-colored and fine-grained.

**Faxon.** The characteristics of this new Squash are earliness, long keeping and superiority in richness of flavor. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Vegetable Marrow.** A delicious English sort; skin greenish-white; flesh white, soft and of rich flavor; quite distinct from other sorts. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. 90 cts.

## FALL AND WINTER SORTS.



**Fordhook.** (See cut.) A new winter Squash of great merit; of a handsome, bright-yellow color outside and straw-yellow within; the flesh is dry and sweet. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Sweet Nut.** (See cut.) An excellent new sort of medium size; flesh dry, rich and very sweet; enormously productive and valuable both as a summer and a winter Squash; is entirely borer-proof.

Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Pike's Peak, or Sibley.** Skin smooth and thin and of a pale-green color; flesh thick, solid; orange color; very dry; fine grain and delicate flavor.

**Mammoth Chili.** Rich orange-yellow; flesh thick and of good quality for making pies; grows to an enormous size; a valuable sort for feeding stock. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 30 cts.; lb. \$1.00.

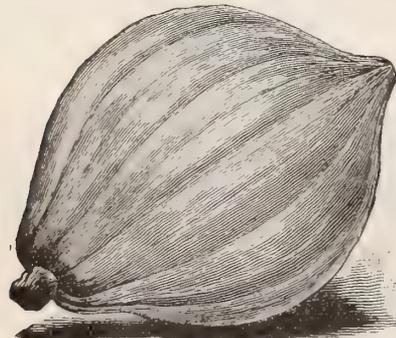
**Winter Crook-neck.** One of the best sorts for winter use, as it is an excellent keeping variety; flesh bright-yellow, of fine flavor.

**Hubbard.** (See cut.) One of the best late table varieties; of large size; flesh fine-grained, dry, of excellent flavor.

**Marblehead.** Resembling the Hubbard, but of a lighter color, and is remarkable for its sweetness, dryness and delicious flavor, as well as its keeping qualities.



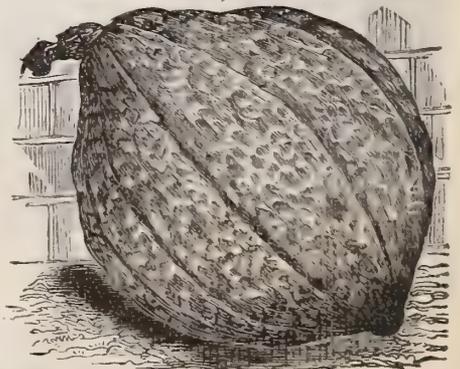
SWEET NUT SQUASH.



HUBBARD SQUASH.

**Bay State.** Extremely solid, of heavy weight, fine and dry flesh, of sweet flavor, of a beautiful bright golden-yellow, very handsome; blue, shell extremely hard and flinty; an excellent keeper.

**Essex Hybrid Warren, or American Turban.** This variety is one of the finest grained and sweetest of the Squash family. Specimens kept until June as sound and as good as when gathered in the fall. The flesh is very thick, rich-colored and solid. It ripens early and is one of the most productive.



BOSTON MARROW SQUASH.

# TOMATO

*Libesappel, GER.*

*Tomate, FR. Tomate, SP.*

For early plants sow in hot-beds early in March, in drills 5 inches apart and  $\frac{1}{2}$  inch deep; when the plants are about 2 inches high transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window in a warm room or kitchen. For late use sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the tomato vines on trellises or tying to stakes, they will increase in productiveness, the fruit will ripen better and be of finer quality. Our trials of 1897 embraced sixty varieties of distinct types, and our judgment, as noted when in full bearing, is given in the description of each variety. In northern latitudes the cluster varieties are sure to develop and give good results.

**Honor Bright.** (See Novelties.)

**Atlantic Prize.** This we consider the best extra early variety for general use, of large size, bright red color and smooth; an extra early and productive. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Bright and Early.** Is nearly round, with smooth surface, free from irregularities. A fine, deep red, skin firm, flesh solid and of fine flavor. The average size is slightly below medium; borne in clusters. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Lorillard (Forcing).** The best sort for forcing under glass as well as for outdoor culture; bright red, smooth, early. Pkt. 10 cts., oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00. lb. \$3.00.

**Mayflower.** Excellent for forcing or outside use; medium size and solid; bright red. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.25.

**Early Michigan.** One of the best, of medium size to large, and continuing so through the season; very early, solid, smooth and perfectly shaped; color rich red; of excellent flavor. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Imperial.** This new variety matured very early in our grounds, and maintained a good size through the season. A beautiful, symmetrical and meaty tomato. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

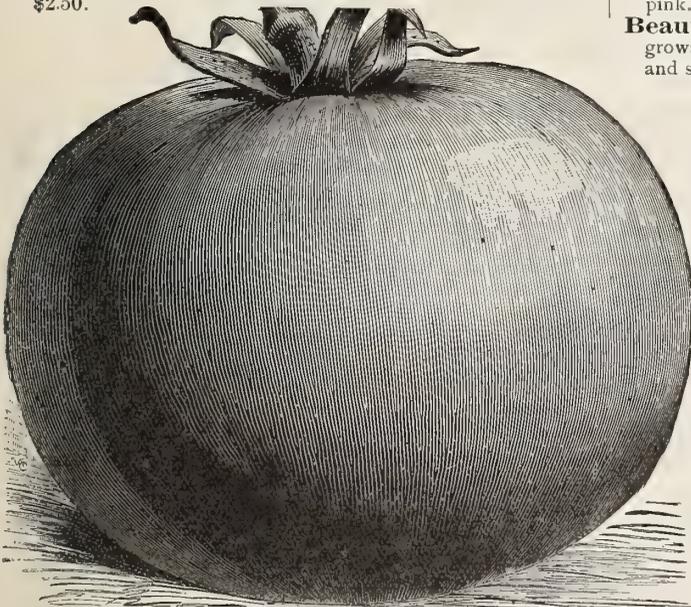
**Acme.** One of the best for family use; ripens evenly; of medium uniform size, round, very solid, of a pinkish color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Perfection.** Larger than Acme, fully as early; perfectly smooth, solid, almost round; deep red in color. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Selected Paragon.** A fine early variety and a heavy bearer; fruit of large size, solid and smooth as an apple. Excellent for canning. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Dwarf Champion.** An early and distinct variety, coming rapidly to maturity; medium in size, plant of dwarf and compact growth. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Buckeye State.** One of the largest; fruits in immense clusters; solid and meaty. Color similar to Beauty, but darker and richer. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



THE STONE.

Cherry; bright-colored pod, with small yellow fruit. Pkt. 15 cts., 2 pkts. for 25 cts.



ATLANTIC PRIZE.

**Royal Red.** Deep scarlet, a first-class main crop variety. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Selected Trophy.** One of the very best in cultivation. Our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**The Stone.** (See cut.) Fruit very large and deep; bright scarlet; smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality; the best for family use and for canneries. Our test from the introduction of this sort have proved it to be a superior tomato; suited to the wants of the most critical. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Aristocrat.** In habit same as Dwarf Champion; fruit pink. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Beauty.** Rich glossy crimson, with a slight purple tinge; grows in clusters of four to five; is of large size, very smooth and solid. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Favorite.** One of the largest and most perfect-shaped varieties; ripens evenly and early; very prolific, good flavor, flesh solid. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 65 cts., lb. \$2.25.

**Pink Mikado (Turner's Hybrid).** Very large and solid; purplish-red; has distinct broad foliage. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Red Mikado.** We consider this one of the best for slicing, as it has few seeds and is very solid. Color bright red; of large size, borne in clusters. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Ringleader.** A remarkably large and heavy-fruited tomato, deep red in color; flesh very thick, solid and of excellent quality. A second early variety, and should not be depended upon for early fruit. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Ponderosa.** In size and irregularity of outline resembles the Ringleader, but is lighter in color; of good solid substance, excellent for stewing purposes. Pkt. 10 cts., oz. 35 cts.,  $\frac{1}{4}$  lb. \$1.25.

**Golden Queen.** A very handsome yellow tomato; resembles the Paragon in size, solidity and productiveness. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Physalis Franchatti (Chinese Lantern Plant).**

An improved variety of the Strawberry or Ground

We can also supply the following varieties: **Chemin, Red Peach, King Humbert, Red Pear-Shaped, Yellow Plum, Yellow Pear, Red Cherry, Yellow Cherry, Red Currant, Strawberry or Ground Cherry**, each at 10 cts. per pkt., 25 cts. per ounce.

# TURNIP.

*Steckrübe, GER. Navet, FR. Nabo Comun, SP.*

For early use, sow as soon as the ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe



frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.

## \* Varieties well suited for stock feeding also.

**Red or Purple Top (Strap Leaf).** This strap-leaf variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine-grained, of mild flavor, and a good keeper. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**Early White Flat Dutch (Strap Leaf).** An early white-fleshed variety, of quick growth, mild flavor, and excellent quality. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**Extra Early Purple Top Milan.** This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine-grained and delicate flavor. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.25.

**Early Munich.** A very early variety, purple top, white flesh, of fine grain and good flavor. Should be grown quickly. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.; lb. \$1.25.

**Scarlet Kashmir.** This is a new and distinct variety, the outside skin is of a beautiful deep scarlet color; flesh white, very early, and of the finest table quality. Pkt. 10 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.; lb. \$2.00.

**Early White Egg.** An egg-shaped variety, for spring or fall sowing; flesh white, firm, fine-grained, mild and sweet. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**Snowball.** Extra Early. A variety of sterling merit, perfectly round, early, pure white, very solid, sweet, short top. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**Purple Top White Globe.** A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**\*Yellow Aberdeen, Purple Top.** Very hardy and productive, good keeper, globe-shaped and fine quality. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**Golden Ball.** A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety or for stock. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

**\*Large White French.** A superior variety for table or stock; flesh firm, white and solid. The roots of this variety are produced entirely under ground. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.

**Long White, or Cow Horn.** Grows very quickly, partly above ground; very productive; flesh white, fine-grained and sweet; of excellent quality for family and market gardener's use. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.

**\*Yellow Globe (Yellow Stone).** One of the best for a general crop, flesh firm and sweet, 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. 20 cts.; lb. 60 cts.

**\*Large White Norfolk.** A large globe variety, very sweet, excellent also for stock feeding. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 15 cts.; lb. 50 cts.

## RUTA BAGA.

**\*Dreer's Improved Purple Top.** This is a choice stock, roots of large size and perfect form, fine-grained, with short top and smooth skin. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**\*Budlong's Improved.** White, very sweet, much milder flavor than any of the other sorts; globe-shaped; skin a cream yellow. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**\*American Purple Top.** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 60 cts.

**\*Skirving's Purple Top.** An important variety of large size and strong growth, a heavy cropper and one of the best for field culture. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 20 cts.; lb. 50 cts.

## TOBACCO.

**Connecticut Seed Leaf.** One of the best varieties for cigar wrappers. Pkt. 5 cts.; oz. 25 cts.

**Pennsylvania Seed Leaf.** Has a larger and finer leaf than the Connecticut. Pkt. 5 cts.; oz. 25 cts.

**Havana.** The seed we offer is the best Vuelta Abajo. Pkt. 10 cts.; oz. 40 cts.

**Hyc, Herter, Sterling, Long-Leaf, Gooch, Yellow Prior, White Burley, Primus.** Each per pkt. 10 cts.; oz. 30 cts.

We pay postage on Flower and Garden Seeds except where noted. Farm Seeds are sent by express or freight at purchaser's expense.

"DREER'S OPEN-AIR VEGETABLES." Short notes on Root Crops for Stock Feeding. 25 cents.

## Sweet, Pot and Medicinal Herbs.

Herbs, in general, delight in a rich, mellow soil. Those marked with an \* are perennial. Sow the seeds early in the spring in shallow drills, 1 foot apart; when up a few inches thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. They should be cut on a dry day just before they come into full blossom, tied in bunches, and hung up or spread thinly on a floor where they can dry quickly.

**Anise.** For garnishing and flavoring. Pkt. 5 cts.; oz. 20 cts.

**\*Balm.** Used for tea or balm wine. Pkt. 5 cts.; oz. 20 cts.



SWEET MARJORAM.

**\*Rosemary.** An aromatic herb. Pkt. 5 cts.; oz. 30 cts.

**\*Rue.** Medicinal; good for fowls for the roup. Pkt. 5 cts.; oz. 15 cts.

**Savory, Summer.** For seasoning purposes. Pkt. 5 cts.; oz. 15 cts.;  $\frac{1}{4}$  lb. 40 cts.

**\*Savoy, Winter.** Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 50 cts.

**\*Tansy.** For medicinal use. Pkt. 5 cts.; oz. 30 cts.

**Basil, Sweet.** For soups, stews and sauces. Pkt. 5 cts.; oz. 20 cts.

**Bene.** Used medicinally. Pkt. 5 cts.; oz. 20 cts.

**Borage.** Excellent for bees, etc. Pkt. 5 cts.; oz. 15 cts.

**\*Caraway.** For confectionery and medicine, also flavoring. Pkt. 5 cts.; oz. 15 cts.

**Castor Oil Bean.** For ornament and medicine. Pkt. 5 cts.; oz. 15 cts.

**Coriander.** Grown for its seed, also for garnishing. Pkt. 5 cts.; oz. 15c.

**Cumin.** Good for pigeons, etc. Pkt. 5 cts.; oz. 15 cts.

**Dill.** Leaves used in soups, sauces and pickles; also seed for flavoring. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.; lb. 75 cts.

**\*Horehound.** Used medicinally. Pkt. 5 cts.; oz. 30 cts.

**\*Lavender.** An aromatic herb. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.

**\*Fennel, Sweet.** Leaves when boiled are used in fish sauces. Pkt. 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 25 cts.

**\*Sage.** The tender leaves and tops are used in sausage, stuffing and sauces. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 70 cts.

**Sweet Marjoram (American).** Home-grown seed is the best for winter use, as it makes more bulk. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00.

— (Imported.) Imported seed is best to cut when green for summer use. Pkt. 5 cts.; oz. 20 cts.;  $\frac{1}{4}$  lb. 60 cts.

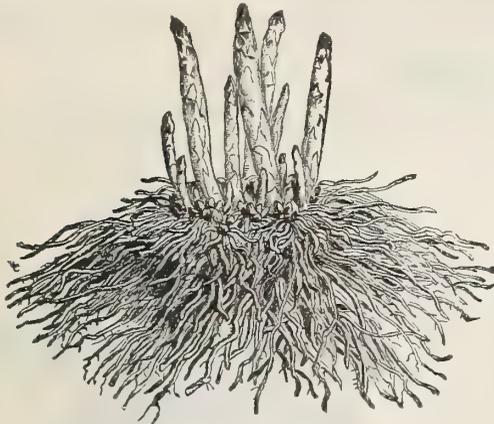
**\*Thyme, Broad-Leaved English.** For seasoning. Pkt. 10 cts.; oz. 40 cts.;  $\frac{1}{4}$  lb. \$1.25.

**\*Thyme, French Summer.** Used for seasoning. Pkt. 5 cts.; oz. 30 cts.;  $\frac{1}{4}$  lb. \$1.00.

**\*Wormwood.** Used medicinally; beneficial for poultry; planted in poultry yards. Pkt. 5 cts.; oz. 30 cts.

## Vegetable Plants and Roots.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season. For late Cabbage and Celery plants, see our Mid-summer List, issued July 1st.



ASPARAGUS ROOT.

**ASPARAGUS. Strong Two-year-old Roots.** 40 cts. per 100 extra if sent by mail.

**DREER'S Eclipse. Palmetto. Barr's Mammoth. Donald's Elmira. Columbian Mammoth White.** \$1.00 per 100; \$6.00 per 1000.

**Conover's Colossal.** 75 cts. per 100; \$5.00 per 1000.

Dreer's Asparagus Circular on application.

**Cabbage Plants.** For April and May delivery. 40 cts. per 100; \$3.00 per 1000.

**Cauliflower Plants (Snowstorm).** Pot grown, ready in March and April. 60 cts. per doz.; \$3.50 per 100.

**Cauliflower Plants.** From hot-bed; ready April and May. \$1.50 per 100.

**Celery Plants.** Ready July 1st. Golden Self-Blanching, Golden Dwarf, White Plume, Giant Pascal, etc. See Mid-summer Price List.

**Chives.** For flavoring. 10 cts. per clump; \$1.00 per doz.

**Egg Plants.** Ready in May and June. New York Improved Large Purple. Grown in pots 60 cts. per doz.; \$4.00 per 100. Out of hot-beds 30 cts. per doz.; \$2.00 per 100.

**Hop Vine Roots.** 50 cts. per doz.; \$2.50 per 100. By mail 60 cts. per doz.

**Horseradish Sets.** 15 cts. per doz.; 50 cts. per 100; \$4.00 per 1000. By mail 20 cts. per doz.

**Lettuce Plants.** Ready in April and May. Dutch Butter, Silver Ball and Hanson. 40 cts. per 100.

**Pepper Plants.** Ready in May and June. Large Sweet Bell. 20 cts. per doz.; \$1.50 per 100.

**Rhubarb Roots.** Linnæus and Victoria. Strong roots 20 cts. each; \$2.00 per doz. Small roots 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

**Sage (Holt's Mammoth).** A large-leaved variety. It spreads rapidly and never runs to seed. 15 cts. each; \$1.00 per doz.

**St. Martin's Rhubarb.** New. 30 cts. each; \$3.00 per doz.

**Sweet Potato Plants.** Ready in May and June. We grow large quantities of the Red and Yellow Nansemond, and are in a position to make contracts for large lots. 30 cts. per 100; \$2.00 per 1000.

**Tarragon (Estragon).** For flavoring; the young leaves are used for pickles, vinegar, etc. 20 cts. each; \$2.00 per doz.

**Tomato Plants (Transplanted).** Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the leading varieties. 20 cts. per doz.; \$1.50 per 100; \$10.00 per 1000.

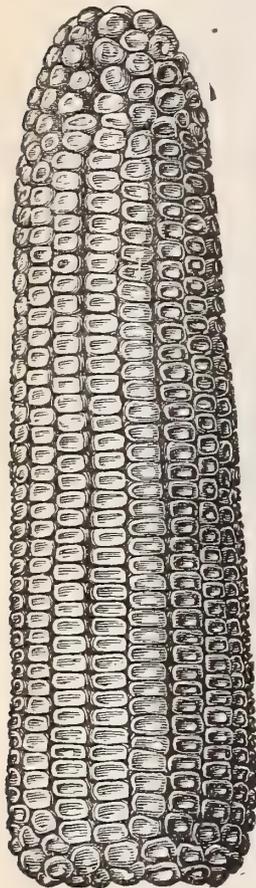
Special Prices to Buyers of Large Quantities.

## FARM SEEDS.

We give special attention to the quality of all our farm seeds, and send out only re-cleaned stock. It is our aim to handle absolutely pure seeds.

### Field Corn, Grains and Forage Plants.

Our seed corn has been grown for us by careful specialists, and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre, in early May.



GOLDEN BEAUTY.

#### YELLOW CORN.

- Early Yellow Canada.** A ninety day corn, used principally in this latitude for replanting, then maturing with the crop; good for northern latitudes. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.
- Leaming Gourd Seed.** One of the best early and most productive varieties, deep grains and small cob. A reliable sort, should be planted largely. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.
- Early Bristol.** (100-day.) The earliest of the large yellow dent varieties, grain golden-yellow, large, broad and deep. Yields corn and fodder in abundance. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.
- Golden Beauty.** (See cut.) Large, yellow grains. The ears are filled out to the extreme end; the cob is small. Matures early, and its yield is enormous. Qt. 15 cts.; peck 50 cts.; bu. \$1.40.
- Early Mastodon Dent.** An early strong growing corn, with exceedingly large ears and grain. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.
- Cloud's Yellow Dent.** Strong and vigorous, growing from 8 to 12 feet high, producing large, handsome ears, with unusually deep grains. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.

#### WHITE CORN.

- Hickory King.** A distinct white dent field corn. Bears two and occasionally three ears; the cob is remarkably small. Very productive. Qt. 15 cts.; peck 60 cts.; bu. \$1.75.
- Large White Flint.** The old hominy eight-rowed variety; early, productive and of good quality. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.

#### ENSILAGE CORN.

- Sow  $1\frac{1}{2}$  to  $1\frac{3}{4}$  bushels per acre. Special prices to buyers of large quantities.
- Red-cob Ensilage.** (See cut.) A pure white corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce 25 to 30 tons per acre. Qt. 15 cts.; peck 40 cts.; bu. \$1.25.
- Southern Fodder.** Another white variety that no silo owner or dairy farmer should overlook. It grows 12 to 16 feet high; has broad foliage and tender stocks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. It will yield 30 to 40 tons per acre. Qt. 15 cts.; peck 40 cts.; bu. \$1.25.
- Blount's Prolific White.** This variety bears 4 to 6 ears per stock; grain plump and white. It is very productive, and is considered one of the best varieties for making ensilage. Qt. 15 cts.; peck 50 cts.; bu. \$1.50.
- Sweet Fodder Corn.** For soiling or ensilage. Profitable as green fodder; cut when green to feed cattle. Sow broadcast 2 bushels; in drills 3 feet apart, 1 bushel per acre. Peck 60 cts.; bu. \$1.75.

#### POP CORN.

- On the ear only. This is considered the best by confectioners. Lb. 8 cts.; 10 lbs. 60 cts.
- White Pearl.** Smooth-grained ears. Lb. 6 cts.; 10 lbs. 50 cts.

#### BARLEY.

- Sow  $1\frac{1}{2}$  to 2 bushels if drilled; 2 to  $2\frac{1}{2}$  bushels broadcast.
- Manshurey.** The most productive six-rowed variety. It ripens early, with strong, stiff straw. Peck 50 cts.; bu. \$1.50.

#### OATS.

- Sow 3 bushels to acre.
- Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities.
- American Beauty.** This excellent and popular variety is characterized by great vigor of growth, earliness and remarkable cropping qualities. The grain is large, long and tapering; straw erect and stout. Pk. 40 cts.; bu. \$1.25; 5 bu. \$5.75.
- Clydesdale.** An early productive variety. Pk. 35 cts.; bu. \$1.10; 5 bu. \$5.00.
- Lincoln.** This variety is unquestionably one of the most productive, is very early, and has proven entirely rust-proof, stiff straw, heavy and handsome grain. Peck 40 cts.; bu. \$1.25; 5 bu. \$5.75.
- Welcome.** An excellent variety, productive and heavy; straw stiff; grain plump. Averages 45 lbs. per measured bushel. The very best for ordinary soils. Peck 30 cts.; bu. 80 cts.; 10 bu. \$7.50.
- White Maine.** This fine variety is grown with much favor in Western New York, where it yields with ordinary cultivation from 70 to 90 bushels per acre. Peck 40 cts.; bu. \$1.25; 5 bu. \$5.50.

#### SPRING WHEAT.

- Sow  $1\frac{1}{2}$  bushels to acre.
- Saskatchewan Fife.** This is known as the most desirable variety of Spring Wheat in cultivation. It is unequalled for productiveness, earliness and vigor. Pk. 60 cts.; bu. \$2.00.

#### SPRING RYE.

- Sow  $1\frac{1}{2}$  bushels to the acre.
- Used as a catch crop to sow where winter grain has failed. Straw stiffer than the Winter Rye; grain of equal value. Pk. 50 cts.; bu. \$1.35; 5 bu. and upwards \$1.25 per bu.



RED-COB ENSILAGE CORN.

# FIELD, FORAGE AND SILO SEEDS.

"DREER'S GRASSES AND CLOVERS" contains the latest facts on *Forage Plants*. Price, 25 cts.

The changing agricultural conditions in America demand new crops and new processes. The soiling of stock will, in some places, receive increased attention. Green manuring will come more and more into vogue. New pasture crops (particularly for autumn) are needed.

The peas are especially recommended for green manuring. Tares or vetches are peas in character, and excellent for this purpose. The idea of "green manuring" is that it is cheaper and better to plow under half-grown or fully grown crops than to expend money and labor in the application of natural or artificial manures.

The idea of "soiling" is that it is cheaper to cut and carry forage to stock than to allow the animals to trample upon and destroy their food by roaming the fields. Rape is coming into favor as a forage crop, and millet is widely used for soiling purposes. We especially recommend rye, oats and sweet corn for soiling purposes; rye for fall planting, oats for spring, and sweet corn for summer. Orchard and other grasses, the clover, oats and peas mixed, field corn, millet, etc., are also used for soiling purposes or silos.

**Southern Black-eyed Cow Peas.** Also known as Sand Pea. A small white variety with black eye. Sow in May or June for plowing under. Much used for green manuring purposes. Use two to three bushels to acre. Peck 50 cts.; bu. \$1.50.

**Warren's Extra-early Cow Peas.** A new favorite. The earliest pea grown; matures two crops in one season in the South; bush form. Peas good for table use. Of great agricultural value. Peck 60 cts.; bu. \$2.00.

**New Wonderful Cow Peas.** This new variety is wonderful in its enormous production of vines and peas. As an improver of the soil they are invaluable; they grow quicker and larger than other varieties; should be planted in May or June to obtain best results. Peck 60 cts.; bu. \$2.00.

**Canada Field Peas.** Very popular as a Hay and Forage crop, also a very early nutritious dry or green feed. Sow in March or April at the rate of  $1\frac{1}{2}$  bu. per acre broadcast with  $\frac{1}{2}$  bu. oats as a support; cut for Hay before the Peas mature. Excellent pigeon feed when dry. Peck 40 cts.; bu. \$1.25; 10 bu. \$11.50.

**Large White Marrowfat Peas.** Peck 60 cts.; bu. \$2.00.

**Black-Eyed Marrowfat Peas.** This and the White Marrowfat are extensively grown as field Peas. Peck 60 cts.; bu. \$2.00.

**Spring Vetches or Tares (*Vicia Sativa*).** Closely associated with peas in character. Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Use two to three bushels to acre broadcast, or one to two bushels in drills. Sow in spring, while ground is cool and moist, or in early autumn. Lb. 8 cts., by mail 15 cts.; \$3.00 bu. of 60 lbs.; \$4.50 per 100 lbs.

**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, remaining green all winter and maturing fully four weeks earlier than Scarlet Clover; it can, therefore, be harvested or plowed under, and the ground used for the usual spring crops. It is very nutritious, and all kinds of stock eat it with relish. Sow from one-half to one bu. per acre, together with one-half bu. of Rye. Price per lb. 8 cts., by mail 15 cts.; bu. (60 lb.) \$3.50; 100 lbs. \$6.00.



WINTER VETCH.



DWARF ESSEX RAPE. SECOND GROWTH. ONE PLANT.

**Dwarf Essex Rape.** A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further south; it is sown broadcast 6 lbs. to the acre, but is better drilled, in which case 3 lbs. to the acre will suffice. In a few weeks from the time of sowing, sheep, hogs or cattle can be turned on it; all reports agree that they gain weight faster on this than any other fodder, as it can be sown after other crops are off; the gain in fodder is secured at a nominal cost. Stockmen, Dairymen and Farmers have proved its value. Per lb. 12 cts., by mail 20 cts.; 10 lbs. \$1.00; bus. of 50 lbs. \$4.50; 100 lbs. \$8.00.

**Yellow Lupin (*Lupinus luteus*).** Botanically related to the peas, but less hardy. Sow May to July; two to three bushels to acre. Useful for green manuring. 8 cts. lb., by mail 15 cts.; \$3.50 per bu. of 60 lbs.; \$5.00 per 100 lbs.

**Flat Pea (*Lathyrus silvestris*).** A perennial forage plant of value. Will grow well on poor and stony soils. Lb. \$2.00.

**Teosinte (*Reana luxurians*).** This gigantic fodder plant somewhat resembles Indian corn, growing 12 feet high, and yielding an abundance of forage. As a soiling or fodder plant in the South it surpasses either corn or sorghum. Sow six to eight pounds to acre. Per oz. 15 cts.; lb. \$1.25.

**Sacaline (*Polygonum sachalinense*).** For forage. Grows to height of 10 or 12 feet. Pkt. 10 cts.; oz. 25 cts.;  $\frac{1}{4}$  lb. 85 cts.; lb. \$3.00.

**Wild Rice (*Zizania aquatica*).** The *Zizania* is valuable as a forage plant on inundated lands and along the shores of marshes. As an attraction for wild fowls it is invaluable. The seed should be sown in the fall in 6 inches to 6 feet of water, having soft mud bottom where there are few weeds. Lb. 25 cts.; 100 lbs. \$20.00.

**Sunflower, Mammoth Russian.** May be grown to great advantage in waste ground, from early spring to the latter part of July; an excellent and cheap food for fowls. Plant four quarts to acre. Lb. 10 cts., by mail 18 cts.; bu., 25 lbs., \$1.75; 100 lbs. \$6.00.

Special prices on any of the above seeds in large quantities.

# Grass Seeds for Lawn and Pleasure Grounds.

## DREER'S "EVERGREEN" LAWN MIXTURE.

This mixture is the first in quality; many of the finest private Lawns around Philadelphia are sown with Dreer's "Evergreen" Grass. It is adapted to the low ground, and especially to partially shaded lawns. We can recommend this mixture for this purpose. It does equally well on exposed surface. Being composed of such varieties of grasses as will do well in shaded situations, it is one of the very few mixtures which will thrive on shaded lawns, and even thickly wooded grounds. 25 cts. per qt. (30 cts. postpaid); \$4.00 per bushel of 20 lbs.

## DREER'S "FAIRMOUNT PARK" LAWN MIXTURE

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. The mixture we offer has stood the test of years. Dreer's "Fairmount Park" Lawn Mixture is one grade—and that the highest. For Railroad Embankments, Terraces, exposed Lawns, and also for the light Seashore sandy soils. There is no grass mixture prepared which is better suited to the various soil conditions than this brand; on the small city plots of which the soil usually is found to be very stiff and heavy, this mixture gives entire satisfaction. Is one of the best compositions for replenishing old worn-out lawns, and re-seeding bare places on lawns during the summer, as the mixture is one of the hardiest and best for giving quick results. For quantity per acre, please see at bottom of page. One quart is sufficient for a plot 20 by 15 feet, or 300 square feet. 20 cts. per qt. (25 cts. postpaid); \$3.50 per bushel of 20 lbs.



A LAWN AT WYNNEWOOD, PA., PRODUCED FROM OUR LAWN MIXTURES.



THE MERION CRICKET CLUB GOLF LINKS. SOWN WITH DREER'S GOLF LINKS MIXTURE.

## DREER'S WILLOW GROVE PARK MIXTURE (For Golf Links).

We take pleasure in offering for the first time this special Grass Mixture, prepared under the formula of Messrs. Wendell and Smith, which they use in their landscape work, and we feel assured it will become a standard brand. The thousands of visitors to Willow Grove and the residents of Pelham and Overbrook will testify to the beauty of the lawns produced from this seed. For Cricket Tables, Golf Links and Polo Grounds, or wherever a good sward is wanted, this seed has given perfect satisfaction. We believe the Golf Links of the future will be as fine as a velvety lawn, hence the need of a first-class mixture. This brand is used on the grounds of the Merion, Belmont, and Manheim Cricket Clubs and the leading Golf Links of the country. Bushel (15 lbs.), \$2.50; 10 bushels and upwards, \$2.25 per bushel.



A PUTTING GREEN ON THE PHILADELPHIA COUNTRY CLUB GOLF LINKS.

## DREER'S PUTTING GREEN MIXTURE.

This mixture is a carefully prepared formula of Mr. Foy, Manager of the Philadelphia Country Club, who, after trying all the grass seeds that we sell for lawn purposes, selected the varieties that compose this mixture, and after a thorough trial found it to produce an excellent fine grass such as is needed on a Putting Green. The varieties comprising this mixture are all the finest bladed, low-growing and most hardy kinds, and will maintain their rich velvety green color throughout the season. We can recommend this preparation for Terraces, Embankments, and Steep Slopes. Per qt. 25 cts.; peck \$1.50; bushel \$5.00.

**We are the introducers of all of the above brands of Grass Seeds.**

*Quantity of seed to sow per acre:* For Lawns, Golf Links, Tennis, Cricket and Croquet Grounds, 80 lbs.; for Putting Greens and Terraces, 100 lbs.

**Dreer's Special Grass Seed Circular** enclosed in every package.  
See "**Dreer's Grasses and Clovers**" on Lawn-making. 25 cts. by mail.

# Dreer's Special Grass Mixture for Hay & Pasture



The grasses are of more importance than the grains. Grass is king; not corn. The grasses and clovers outrank the cereals in value. Good permanent pastures are worthy of the best thought of the best agriculturists.

The preparation of the soil for permanent grass lands cannot be too thorough, nor is it likely that the manuring will ever be excessive. Stable manure is the best of all foundations for fertility. Ground bone and wood-ashes are unexcelled for top-dressing purposes. Stable manure is rich in available nitrogen. Bone (ground fine) is one of the best and most lasting sources of phosphoric acid. Wood-ashes is rich in potash. These three things (nitrogen, phosphoric acid, potash) furnish the elements of fertility which are lost by continued grazing and cropping. Taken together they make a perfect or "complete" fertilizer or soil restorer. The above illustration shows a field where Bradley's Fertilizer was used.

Autumn is nature's time for sowing grass seed, but spring sowing may be made quite as successful, if the seed is sown early, while the ground is both cool and moist. Grass seed is usually sown with grain, but there is ample testimony to show that it can be sown alone with entire success.

On all pastures which have been long fed, the phosphate of lime is exhausted. It is constantly taken from the earth to form the bone, the muscle and the milk of animals. A few bushels of bone-dust will often quite restore old, worn-out pastures. The ashes of all grains is very rich in phosphate of lime. This shows the importance of furnishing phosphoric acid for their use. For a full list of fertilizers, see page 167.

The time is at hand, however, for the introduction of more careful methods in agriculture, and to such farmers as recognize the fact, and ask for assistance, we offer our aid in the preparation of permanent grass mixtures exactly suited to individual requirements.

We must know, first, the latitude and elevation of the land to be laid down to grass; the character of the soil as to richness, whether flat or hilly, and whether well-drained. Also whether or not it is wholly open or partially shaded by trees.

Next, we must be informed whether the object in view is a permanent pasture field or a permanent mowing field.

Timothy and red clover, though having a place in the preparation of permanent grass lands, are quite temporary in their occupation of the soil. For permanent mowing purposes (in addition to Timothy and Clover) we use largely of Orchard Grass, Red-Top, the Fescues, Meadow Foxtail, the so-called Rye Grasses, Rhode Island Bent, Rough-stalked Meadow, etc.

For permanent pasture purposes we use, in addition to the above, Kentucky Blue Grass, Sweet Vernal Grass, Tall Meadow Oat Grass, Wood Meadow Grass, Alsike and White Clovers, etc.

Permanent fields of grass thus seeded (if the soil preparation and subsequent care have been correct) will result in long years of good crops, and will prove to be of the highest economic advantage to both farm and farm owner.

It costs something more to start right than to start wrong in the making of permanent pastures and mowing fields, but it is vastly cheaper in the end to use a wise mixture of good seeds than a hap-hazard mixture of poor seeds. We have many unsolicited testimonials of our Permanent Pasture Mixture used in different sections of this country. We solicit correspondence, and are pleased at any time to give information bearing on the best methods to pursue to achieve the best results.

Please see "*Dreer's Grasses and Clovers*," a little handbook of practical information on the above and kindred topics. 25 cts.

 We make a specialty of the highest grades of grass seeds, samples of which will be mailed on application.

## DREER'S PERMANENT PASTURE MIXTURE.

**Dreer's Pasture Mixture** is prepared to meet the average need. It is made up of the grasses best calculated to afford an abundant and nutritious food supply for stock. Its formula is based upon successful experience. For all ordinary permanent pasturage it will be found entirely satisfactory. If your fields are old and worn out, it will pay to plow up and seed again, when you will soon be cutting heavy crops again from Dreer's Permanent Pasture Mixture. You will be able to cut two crops each year, whereas from Timothy only you can cut but one.

Sow 50 lbs. to acre. Price per lb. 25 cts., by mail 33 cts.; 15-lb. bu. \$2.25, 20-lb. bu. \$3.00, 100 lbs. \$12.50.

# Grass Seeds for Lawn and Field.

Prices subject to market changes.

We make a specialty of grass and clover seeds, and send out only the varieties best adapted to this country. These seeds are largely American grown; some are necessarily imported. Our European seeds are carefully tested for purity and germinating qualities by the Federal Government Control Station of Zurich, Switzerland, which enables us to guarantee for them a high degree of excellence and value. Our American-grown seeds are first quality, re-cleaned, and free from weeds.

All seeds that we offer have been re-cleaned, and will meet the views of the most critical buyers. Our prices are as low as the quality of the seeds will warrant, and should not be compared with low prices quoted for inferior stocks. Samples of grass seeds mailed for examination.

Special mixtures for meadow and pasture grasses made up as required.

**Awnless Brome Grass** (*Bromus inermis*). A valuable grass for light, dry soils, especially in the South and West. Will stand long droughts and produce heavy crops where other grasses would fail. The U. S. Agricultural Department has been making repeated tests of this variety with the best results. 35 to 40 lbs. to the acre. Lb. 25 cts.; 100 lbs. \$20.00; bu. (14 lbs.) \$3.25.

**Bermuda Grass** (*Cynodon dactylon*). Suited only to and is valuable in the Southern States, as it will not endure frost. Sow 8 to 10 lbs. to the acre. Per lb. \$1.25.

**Crested Dogtail** (*Cynosurus cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns; 25 lbs. to the acre. Lb. 40 cts.; 100 lbs. \$35.00.

**Canadian Blue Grass** (*Poa compressa*). Also called Flat-stemmed poa, Flat-stalked Meadow grass, distinctly blue in color. Grows a foot or more high and yields greater weight of hay. Highly recommended for horses, cows and sheep. Thrives well on clay, or hard, poor soil. Sow 30 lbs. per acre. Per lb. 15 cts.; per bu. of 14 lbs. \$1.50; 100 lbs. \$10.00.

**Fine-Leaved Fescue** (*Festuca tenuifolia*). Thrives well on dry and sterile soils; it is well suited for lawns, etc. 30 lbs. to the acre. Lb. 35 cts.; 10 lbs. \$3.25; 100 lbs. \$30.00.

**Hard Fescue** (*Festuca duriuscula*). Thrives well in dry situations where many other grasses would fail. 30 lbs. to the acre. Lb. 20 cts.; bu. (12 lbs.) \$2.25; 100 lbs. \$15.00.



MEADOW FESCUE GRASS.



KENTUCKY BLUE GRASS.

per acre. Lb. 12 cts.; sack of 50 lbs. \$4.25; 100 lbs. \$8.00.

**Red-Top Grass, Extra Re-cleaned Seed.** Per lb. 20 cts.; 100 lbs. \$18.00; bu. (32 lbs.) \$6.00.

**Meadow Fescue** (*Festuca pratensis*). English blue grass or Sweet grass. An excellent grass for permanent pasture or hay, the foliage being highly nutritious. The demand for this variety is increasing yearly. Sow 50 lbs. to the acre. Lb. 12 cts.; bu. (22 lbs.) \$2.25; 100 lbs. \$10.00.

**Italian Rye Grass** (*Lolium Italicum*). Adapted to any climate, and produces large and nutritive crops; valuable for pasture mixtures. 50 lbs. to the acre. Lb. 15 cts.; 100 lbs. \$10.00; per bu. (22 lbs.) \$2.50.

**English Rye Grass or Perennial Rye** (*Lolium perenne*). Considered invaluable for permanent pastures, in all situations not too dry. It produces a large amount of foliage; tillers out well and covers the ground. Suited to lawn mixtures. Also good for hay, but is best when cut before getting too old, as it finally becomes woody. Sow 60 lbs. to the acre. Lb. 10 cts.; 100 lbs. \$8.00; per bu. (24 lbs.) \$2.25.

**Meadow Foxtail** (*Alopecurus pratensis*). One of the best and earliest of pasture grasses; thrives best in moist localities. 30 lbs. to the acre. Lb. 35 cts.; 10 lbs. \$3.25; 100 lbs. \$30.00.

**Orchard Grass** (*Dactylis glomerata*). One of the most valuable of the pasture grasses; too coarse for use in lawns. Thrives in the open sunlight and in shady places under trees. In rich soil two or three crops may be had in a season, especially under irrigation. Does not suffer from close feeding; makes a good hay. Valuable hay and pasture grass for sowing alone. Sow 3 bushels to the acre. Lb. 20 cts.; bu. (14 lbs.) \$2.25; 100 lbs. \$15.00.

**Rough-Stalked Meadow Grass** (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. 30 lbs. to the acre. Lb. 35 cts.; bu. (14 lbs.) \$4.50; 100 lbs. \$30.00.

**Rhode Island Bent** (*Agrostis canina*). Brown Bent or Dog's Bent. Has a creeping habit and is hardy. Recommended for lawns where the soil is thin or poor. It may be sown with Kentucky Blue Grass or alone. If alone, use 4 bushels of seed to acre. Lb. 25 cts.; per bu. of 12 lbs. \$2.50; 100 lbs. \$20.00.

**Sweet Vernal Grass** (*Anthoxanthum odoratum*). Useful to mix with other grasses on account of its early growth and agreeable odor. Use from 2 to 5 lbs. to the acre. Lb. 50 cts.; 10 lbs. \$4.50.



AWNLESS BROME GRASS.

**Kentucky Blue Grass, Fancy Cleaned** (*Poa pratensis*). Also known as June grass, green grass, etc. This is rated as the finest permanent pasture grass. Especially suited to meadows and rich lands. It is the grass of the famous and fertile limestone soils of Kentucky, and is no less a favorite all through the Northern States. Suited to all pasturing purposes. A perfect lawn grass. Sow 3 to 5 bushels per acre for lawns; 2 bushels to the acre for pasture. Lb. 18 cts.; 100 lbs. \$12.00; bu. (14 lbs.) \$1.75.

**Red-Top Grass** (*Agrostis vulgaris*). This is the so-called Herd's grass of the South. Well adapted to the Northern States as well. Suitable for meadow and pasture mixtures, or for exclusive use in lawn-making. Adapts itself to any soil, but produces best results on moist, rich soils, where it grows 2 to 2½ feet high. Often sown with timothy and clover, and outlasts both. Sow 3 to 4 bushels per acre for lawns; for pasture 1½ to 3 bushels



WOOD MEADOW GRASS.

**Sheep's Fescue** (*Festuca ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. 40 lbs. to the acre. Lb. 20 cts., bu. of 12 lbs. \$2.25, 100 lbs. \$15.00.

**Tall Meadow Oat Grass** (*Avena elatior*). A valuable grass for soiling or permanent pasture; of early and luxuriant growth. 50 lbs. to the acre. Lb. 20 cts., bu. of 10 lbs. \$2.00, 100 lbs. \$16.00.

**Timothy** (*Phleum pratense*). The most important agricultural grass for the Middle States, thriving best upon rich soils. Not suited to permanent pasturage, but the best grass known here for hay-making purposes. It is temporary, lasting but a few years, and is a part of the usual crop rotation. Sow  $\frac{1}{2}$  bushel to the acre when used alone; 8 or 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Choice seed, per lb. 10 cts., per bu. \$2.25, subject to change; 100 lbs. \$4.75.

**Wood Meadow Grass** (*Poa nemoralis*). Adapted, as its name implies, for wooded or shaded meadows or lawns, especially for moist ground. Much relished by cattle, and highly nutritious. Produces a thick growth, and should be included in mixtures for permanent pastures. Sow 30 lbs. to the acre. Per lb. 35 cts., per 100 lbs. \$30.00.

**Creeping Bent Grass** (*Agrostis stolonifera*). Excellent for lawns, succeeds well in all positions, makes a low velvety growth. Per lb. 16 cts., bu. of 20 lbs. \$3.00, 100 lbs. \$14.00.

**Tall Meadow Fescue** (*Festuca elatior*). Very early and nutritive, should form a part of all pasture mixtures on wet or clay lands. Per lb. 25 cts., per bu. of 14 lbs. \$3.00, 100 lbs. \$20.00.

## CLOVER SEEDS.

(Prices subject to market changes.)

Clover roots as well as the roots of most of the pulses possess the ability of taking nitrogen from the air. The pulse family include the peas, beans, vetches, lupins, etc., in addition to the clovers. This gives these plants their especial value as soil enrichers. Our Clover Seeds are of the choicest quality only, and sure to give the best results.

**Alsike, or Swedish** (*Trifolium hybridum*). Hardest of all Clovers, and, on rich, moist soils, yields an enormous quantity of hay or pasturage. Lasts many years. Valuable for sowing with other clovers or grasses, as it forms a thick bottom and increases the yield of hay. Sow 6 pounds per acre when used alone. Lb. 15 cts., bu. 60 lbs. \$7.50, 100 lbs. \$12.00.

**Alfalfa, or Lucerne** (*Medicago sativa*). One of the best varieties, succeeding especially in the South and West, and bearing heavy crops of forage. For bringing up poor land it is one of the best of the Clovers. Sow early in the spring to secure a good stand before winter. 20 pounds to the acre. Lb. 15 cts., bu. 60 lbs. \$6.50, 100 lbs. \$10.00.

**Sainfoin, Esparsette, or Holy Clover** (*Hedysarum onobrychis*). A valuable Clover for the Southern and Western States. In some sections it is considered indispensable, as it increases the flow of milk. The seeds are more nutritious than oats, and are readily eaten by fowls. Requires a calcareous soil. 100 lbs. to the acre. Lb. 10 cts., 100 lbs. \$8.00.

**Bokhara Clover** (*Melilotus alba*). A tall, rapid-growing, white-flowered sort, excellent for bee food, for which purpose it should be largely grown. Sow 10 pounds to the acre. Lb. 25 cts., 100 lbs. \$20.00.

**Japan Clover** (*Lespedeza striata*). A low-branched clover that does well in the South. It thrives on poor land and produces continual herbage. Not adapted to northern latitudes, as it is only half-hardy. Sow 14 pounds to the acre. Lb. 30 cts., 100 lbs. \$27.00.

**White Dutch Clover** (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season. It is also valuable when mixed with grass seeds for pasture. Sow in spring at the rate of 6 pounds per acre when sown alone, half the quantity when sown with other grasses. Lb. 25 cts., 100 lbs. \$20.00.

**Yellow Trefoil** (*Medicago lupulina*). This may be cultivated either alone or with other grasses. Requires about same treatment as Red Clover. 15 pounds to the acre. Lb. 25 cts., 100 lbs. \$20.00.

**Mammoth Red Clover** (*Trifolium pratense perenne*). Cow grass, or Pea Vine Clover. Yields an enormous bulk. Valuable for reclaiming exhausted land by plowing under as green manure.

Sow about 8 to 12 pounds per acre. Lb. 15 cts., bu. 60 lbs. \$7.00, 100 lbs. \$11.00.

**Red Clover, Medium** (*Trifolium pratense*). Common or medium Clover; June Clover. The leading variety of Clover for pastures or meadows. Sow in spring or fall, if no other grasses are used, at the rate of 8 or 10 pounds per acre. Lb. 12 cts., bu. 60 lbs. \$5.50, 100 lbs. \$9.00 (subject to market changes).



ALSIKE, OR SWEDISH CLOVER.



ALFALFA, OR LUCERNE CLOVER.

# Crimson or Scarlet Clover.

(*Trifolium Incarnatum*.)

The Soil Improver, Early Green Feed, Grazing or for Hay Crop.

The Crimson Clover has become wonderfully popular both as a 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 pounds per acre, and makes the earliest possible spring pasture, blooming the latter part of April or May, and for feeding as hay should be cut when in full bloom. If sown with Italian Rye Grass or Orchard Grass, which matures at the same time, it yields luxuriant and nutritious crops for pasture. It can be sown after other crops are removed from the ground, such as wheat (when clover has failed to catch), oats, millet, or on any vacant ground. It is a very rank grower, some stools containing as many as 120 to 140 blossoms from one seed.

Sow Crimson Clover at the last working of all crops like Beans, Corn, Melons, Cucumbers, Tomatoes, and other crops, whenever the land is not intended for such early spring crops as would not be benefited by following such a seeding, although it would pay to seed for only fall and winter months if only for protecting the ground through the winter and catching and holding the fertility of the soil, which would otherwise be lost by leaching or other causes. In addition to all this, the plants and roots would prevent washings that occur during winter thaws. The results of plowing under can be plainly seen in crops following Scarlet Clover, viz.: Corn, Potatoes, etc., by the heavy dark green foliage and immense crops.

Experiments at the Delaware Experimental Station have shown that \$1.00 invested in seed per acre added 24 bushels Corn, while \$1.00 worth of nitrate of soda per acre increased the yield of Corn only 6 bushels.

Sow seed at the rate of 15 to 20 lbs. to an acre.

~~45~~ We offer the finest quality re-cleaned seed at 8 cts. per lb., \$3.25 per bu. of 60 lbs., or \$5.00 per 100 lbs.; 2-bu. bags 15 cts. each.

## BUCKWHEAT.

Sow about the middle of June broadcast from 2 to 3 pecks per acre.

**Japanese.** This superior variety is earlier and more prolific and yields double the weight per acre of other sorts. Peck 40 cts., bu. (48 lbs.) \$1.00.

**Silver Hull.** Flour whiter and more nutritious than the Japanese. Peck 40 cts., bu. \$1.00.

## MILLET.

Prices variable.

**German or Golden Millet** (*Southern grown*). A valuable annual hay and fodder crop, more productive and coarser than Hungarian Grass, medium early, 4 to 5 feet high. Sow one bushel to the acre. Lb. 10 cts., bu. (50 lbs.) \$1.40, 5 bu. and upwards \$1.25 per bu.

**Hungarian Millet** (*Panicum Germanicum*). An annual forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 or 3 tons per acre. Sow 1 bushel to the acre. Lb. 10 cts., bu. (48 lbs.) \$1.35, 5 bu. and upwards \$1.20 per bu.

**Egyptian or East India Pearl Millet** (*Penicillaria spicata*). Grows from 8 to 10 feet high. When cultivated for fodder, sow in drills 3 feet apart, and thin out in rows to 1 foot apart. Sow 3 to 5 pounds per acre. Lb. 20 cts., 100 lbs. \$15.00.



EARLY AMBER SUGAR CANE.



CRIMSON OR SCARLET CLOVER.

**Sorghum, or Early Amber Sugar Cane.** (See cut.) This is the sorghum of the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height 10 to 12 feet. For Ensilage or fodder it possesses good qualities; stock of all kinds relish it. Sow four quarts in drills or eight quarts broadcast to acre. Per lb. 15 cts., bu. (56 lbs.) \$2.50, 100 lbs. \$4.00.

**Johnson Grass, or Sorghum Halepense.** A valuable Southern fodder plant, growing 30 inches or more in height; hardy in New Jersey. It is a rapid-growing perennial. On rich soil, it may be cut three or four times in a season. The best results are obtained by sowing the seed in August or September at the rate of 25 to 35 lbs. to the acre. Per lb. 20 cts., bu. (25 lbs.) \$3.50, 100 lbs. \$12.00.

**White Branching Dhoura** (*White Millo Maize*). A valuable forage plant. Will thrive even when corn is suffering from drought. Use four to five pounds to acre. Lb. 10 cts., 10 lbs. 75 cts., bu. \$3.50, 100 lbs. \$6.00.

**Broom Corn** (*Improved Evergreen*). Extensively grown on account of the color and quality of its brush, which is long, fine and straight, and always green; grows 7 feet high. Use six to eight quarts to acre. Lb. 10 cts., 100 lbs. \$5.00.

**Kaffir Corn** (Red). Excellent forage for horses and cattle and excellent food for poultry, either fed in the grain or ground and cooked. Use four to five pounds to acre. Lb. 10 cts., 10 lbs. 75 cts., bu. \$3.00, 100 lbs. \$4.50.

**Flax.** When grown for seed, sow one bushel per acre; if fibre is wanted, sow at the rate of two to three bushels. The soil should be well cultivated. Peck 75 cts., bu. \$2.50.

**Osage Orange** (*Maclura aurantiaca*). Sprout the seed before sowing. Manure well and plough deep before planting in permanent hedge-row. Per lb. 30 cts., peck \$2.50, bu. (33 lbs.) \$8.00.

## BIRD SEEDS.

Prices variable.

**Canary.** Lb. 10 cts., bu. \$3.00, 100 lbs. \$5.00.

**Hemp.** Lb. 10 cts., bu. \$2.50, 100 lbs. \$4.50.

**Lettuce.** Oz. 5 cts., lb. 25 cts.

**Maw.** Lb. 15 cts.

**French Bird Millet.** Lb. 10 cts., 100 lbs. \$6.00.

**German Rape.** Lb. 10 cts., 100 lbs. \$5.00.

**Vetches for Pigeons.** Lb. 8 cts., 100 lbs. \$4.50.

**Mixed Bird Seed.** Lb. 10 cts., 100 lbs. \$4.50.

**Unhulled Rice.** Qt. 20 cts., bu. \$3.50.



## DREER'S RELIABLE FLOWER SEEDS.

(For Flower Seed Novelties see pages 5 to 10.)

Our list has been carefully revised and all inferior varieties discarded. For the convenience of our customers and to facilitate the filling of orders, we use a system of numbering. In ordering it is only necessary to give the number of packets wanted and the corresponding number in the Catalogue, viz.: 1 pkt. 5010, 15 cts., 3 pkts. 5031, 15 cts, means one packet Abutilon, mixed, 15 cts.; 3 packets Adonis Flos, 15 cts.

### Dreer's Collections of Choice Flower Seeds.

These very attractive collections are composed of the best-known and most popular flower seeds that will produce in succession a fine display of flowers from early summer until frost.

|        |   |       |
|--------|---|-------|
| No. 1. | Collection of 12 choice Flower Seeds..... | \$ 50 |
| “ 2.   | “ “ 18 “ “ “ .....                        | 75    |
| “ 3.   | “ “ 24 “ “ “ .....                        | 1 00  |
| “ 4.   | “ “ 30 “ “ “ .....                        | 1 25  |

**Imported Collections** of Asters, Balsams, Dianthus, Hollyhock, Larkspur, Mari-gold, Phlox, Nasturtium, etc., etc., will be found offered under their respective heads.

#### ABRONIA.

Pretty trailing annuals, producing clusters of sweet-scented, Verbena-like flowers, especially fragrant towards evening, lasting in bloom a long time; effective in beds, rock-work, or hanging-baskets; peel off the husk before sowing the seed. Height, 12 inches. PER PKT.

- 5003 **Arenaria.** A beautiful yellow variety..... 10
- 5006 **Umbellata.** Rosy lilac, with a white eye..... 5

#### ABUTILON.

(Chinese Bell-Flower, or Flowering Maple.)

Greenhouse shrubs of strong growth and easy cultivation, free-flowering, with various-colored, beautiful drooping bell-shaped flowers. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season. (See cut.)

- 5010 **Fine Mixed.** Of choice varieties and colors... 15

#### ACACIA.

Elegant half-hardy shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing.

- 5013 **Mixed.** Fine varieties; 5 to 10 feet..... 10



ABUTILON.

#### ADLUMIA

#### CIRRHOSA.

(Mountain-Fringe, or Allegheny Vine.)

- 5033 An attractive and beautiful hardy biennial climber, flowering the first season, clusters of small rosy-lilac flowers and pale green feathery foliage; 15 feet. (See cut.)..... 10

#### ADONIS.

- 5031 **Flos Adonis.** Also known as Pheasant's Eye. Showy, hardy annuals of easy culture, with pretty fine-cut foliage, and lasting a long time in bloom; dark crimson flowers, with a light centre; 1 foot. (See cut.)..... 5

#### ACHIMENES.

- 5001 Elegant and free-flowering tuberous-rooted greenhouse plants, combining great beauty with richness and brilliancy of color. Choice varieties mixed... 25

*Tubers of Achimenes will be found offered in the Plant Department.*

#### ACROCLINIUM.

Charming annuals with beautiful flowers, which should be cut when opening, and dried. Useful for winter bouquets. Easily grown either in beds or pots.

- 5025 **Double Mixed** . . . 10 | 5030 **Single Mixed**..... 5

#### ACHILLEA PTARMICA PLENA.

- 5019 A very free-blooming, hardy perennial plant, of branching habit. Useful for cut-flowers or for planting in cemeteries. Pure white double; 18 inches. .... 15

#### ACONITUM (Monk's Hood, or Wolfsbane).

A hardy perennial, growing in any good garden soil, producing long spikes of curiously shaped flowers.

- 5017 **Napellus.** Blue and white; 3 feet..... 5



ADLUMIA



ADONIS.



AGERATUM, COPE'S PET.

**A MARANTHUS.**

Showy annuals, with long racemes of curious-looking flowers and brilliant foliage, very effective in large beds.

- 5092 **Cruentus** (*Prince's Feather*). Erect flowering, bright scarlet. . . . . 5
- 5091 **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping; 3 feet. (See cut.) 5
- 5094 **Gordoni, or Sunrise**. Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of the stalk, the lower leaves having a scarlet band through the centre; 3 feet. . . . . 15
- 5095 **Henderi**. Of graceful pyramidal growth, long-drooping leaves of brown madder and bronze; 4 feet. . 5
- 5096 **Melaucholicus Ruber**. Dwarf, compact habit, blood-red foliage; 2 feet. . . 5
- 5097 **Salicifolius** (*Fountain Plant*). Of pyramidal, drooping habit, branching close to the ground. . . . . 5
- 5098 **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green; 3 feet. Per oz. 30 cts. 5
- 5093 **Tricolor Splendens**. An improvement on the old sort, of more brilliant coloring, a beautiful ornamental plant. . . . . 5

**AMMOBIUM ALATUM GRANDIFLORUM.**

- 5114 A pretty border annual much used as an everlasting flower for winter bouquets; pure white. . . . . 5



AMARANTHUS CAUDATUS.

**ANEMONE.**

(Windflower.)

A very pleasing, hardy perennial; easily grown from seed, producing large flowers; few plants can compare with them in beauty and brilliancy; fine for bouquets.

- 5130 **Coronaria, Mixed Colors**. Double. . 5
- 5125 **Fulgens**. Single scarlet. . . . . 10
- 5126 **Japonica, "The Bride"**. Pure white; flowering in late summer and autumn. . . . . 10

Many beautiful varieties of *Anemone Japonica* will be found offered in our Plant Department.

**ANTHEMIS.**

- 5133 **Arabica**. A free-flowering golden-yellow annual; constantly in bloom. . . . . 5

**AGERATUM.**

One of the leading plants for beds or borders, and very useful where cut-flowers are in demand; in bloom the whole summer; also good for winter blooming; annuals.

PER PKT.

- 5045 **Conspicuum**. White; 2 feet. . . . . 5
- 5041 **Mexicanum**. Lavender blue; 2 feet. . . . . 5
- 5042 **Imperial Dwarf Blue**; 8 inches. . . . . 5
- 5043 **Imperial Dwarf White**; 8 inches. . . . . 5
- 5044 **Lasseauxi**. Rose; 15 inches. . . . . 5
- 5046 **Cope's Pet**. Lovely azure-blue; 6 inches; this is considered the best variety for edging. (See cut.) . . . . . 10

**AGROSTEMMA.**

(Rose of Heaven.)

An attractive free-flowering hardy perennial of easy culture, producing bright colored flowers on long slender stems like a single pink; blooms the first season; fine for cutting; 1 to 2 feet. (See cut.)

- 5050 **Mixed Varieties**. . . . . 5

**ALYSSUM.**

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

PER PKT.

- 5082 **Alyssum, Sweet** (*A. Maritimum*). Flowers white; 9 inches. Per oz. 30 cts. . . . . 5
- 5086 **Tom Thumb** (*Benthami Compactum*). Of dwarf, compact, erect growth; excellent for edgings; white. Per oz. 40 cts. . . . . 5
- 5087 **Little Gem**. Of dwarf, compact habit, 4 to 6 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring till late in autumn. (See cut.) Per oz. 60 cts. . . . . 5
- 5084 **Saxatile Compactum**. "Basket of Gold." Showy golden-yellow flowers; hardy perennial, blooms the first season; excellent for rock work; 1 foot, . . . . . 5



ALYSSUM, LITTLE GEM.

**AMPELOPSIS.**

(Miniature Virginia Creeper, or Japanese Ivy.)

A hardy perennial climber from Japan, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls.

- 5101 **Veitchi**. Per oz. 25 cts. . . . . 5

We can furnish plants of these which will be found offered on page 149.



AGROSTEMMA.

**ANTIRRHINUM.**

(Snapdragon.)

One of our most showy and useful border plants. The more recently improved varieties of this valuable genus have large, finely shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year from seed; 1 to 2 feet.

- 5135 **Niobe.** A beautiful new variety belonging to the half-dwarf class. The tips of the flowers are of velvety crimson maroon, while the tubes are pure white. The contrast is most striking and unique. (See cut.).....10
- 5136 **Firefly.** Scarlet.....5
- 5137 **Picturatum.** Striped and blotched.....5
- 5142 **Queen of the North.** Grows one foot in height, and densely covered with large white flowers. A gem for beds and borders and valuable for pot culture.....10
- 5138 **Tom Thumb, Yellow.**.....5
- 5140 **Tom Thumb, Mixed.** Colors.....5
- 5141 **Tall, Mixed,** oz. 40 cts.....5
- 5129 **Imported Collection.** 10 Dwarf varieties.....50
- 5139 **Imported Collection.** 10 Tall varieties.....50

**AQUILEGIA.**

(Columbine.)

This plant blooms freely early in the spring and summer, and produces beautiful, curiously formed and variously colored flowers; one of the best hardy perennials, and should be in every herbaceous border.

- 5143 **Chrysantha (Golden-Spurred).** Bright golden-yellow; 3 feet.....5
- 5146 **Chrysantha Alba (White-Spurred).** A beautiful new pure white variety.....10
- 5144 **Cœrulea.** Violet blue and white; 2 feet.....10
- 5151 **Glandulosa.** Lovely shade of light blue and pure white; 2 feet. (See cut.).....15
- 5160 **Single,** all colors mixed; 2 feet. Per oz. 30 cts.....5
- 5150 **Double,** all colors mixed. Per oz. 40 cts.....5

**AURICULA.**

(Primula Auricula.)

- 5240 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches.....15



ARABIS ALPINA.



ANTIRRHINUM "NIOBE."



AQUILEGIA GLANDULOSA.

**ARABIS ALPINA.**

PER PKT.

- 5157 The earliest, prettiest spring flower. The spreading tufts are densely clothed with neat, bright leaves and covered with pure white flowers as soon as the snow disappears. Conspicuous on rockeries or broad edgings for park roads; withstands the drought of summer and is always neat. 6 inches. (See cut.).....5

**ARMERIA (Thrift).**

- 5164 **Formosa.** A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy perennial.....10

**ARALIA SIEBOLDI.**

- 5161 A beautiful decorative greenhouse plant, with large ornamental leaves; very useful as a house plant. New seed ready in April.....10

**ARISTOLOCHIA.**

- 5163 **Sipho (Dutchman's Pipe).** A rapid-growing climber; large heart-shaped foliage, and very curious brownish-purple flowers, resembling a pipe; hardy perennial.....10
- 5162 **Elegans.** One of the best of this class of climbing plants. Its blossoms are produced in the greatest profusion, even on small plants. Of a rich dark purple color, ornamented throughout with irregular markings of a creamy white, and having a golden-yellow eye surrounded by rich velvety purple.....10

**ASPARAGUS.**

- 5169 **Verticillatus.** A graceful, hardy perennial climber with feathery foliage and scarlet berries.....10

**ASPERULA ODORATA (Sweet Woodruff).**

- 5166 Chief ingredient in the "Maitrank," or May Wine of the Germans. The dried flowers and leaves have a delicious perfume, and impart an agreeable odor when kept among clothes, etc.....5

**AZALEA INDICA.**

- 5250 Beautiful shrubby plants, covered with a mass of bloom, growing best in a mixture of rich, fibrous peat and sand; saved from a collection of showy various colored flowers; 3 feet.....25

# Dreer's Superb Asters

Of the general beauty of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate; and coming into bloom, as they do, when most other flowers are fading away, enhances their value.

*Culture.*—The ground for the cultivation of Asters cannot be too richly prepared. Sow in shallow boxes in the greenhouse, hot-bed or light window, in a temperature of 60 deg., cover the seeds to a depth of about four times their size, press down with a board, water with a spray, and do not allow to dry out; when the seedlings have formed three leaves, transplant 1 inch apart into similar boxes or 2-inch pots, and plant out in the garden after danger from frost is over. They can also be sown in the open ground after danger is over from frost.

*Special attention is directed to the Asters offered on page 5.*



PEONY PERFECTION ASTER.

## PÆONY PERFECTION ASTERS.

One of the most perfect; very double, large, and finely shaped; the petals beautifully incurved. (See cut.) 1½ feet.

|                           |             |
|---------------------------|-------------|
| 5194 Pink.....            | PER PKT. 10 |
| 5214 Glowing Crimson..... | 10          |
| 5231 Purple Violet.....   | 10          |
| 5197 Light Blue.....      | 10          |
| 5198 Pure White.....      | 10          |
| 5190 Finest Mixed.....    | 10          |

## DWARF CHRYSANTHEMUM FLOWERED ASTERS.

The largest flowering of the Dwarf Asters; very double. 1 foot. Excellent for ribbon borders or pots.

|                         |             |
|-------------------------|-------------|
| 5182 Fiery Scarlet..... | PER PKT. 10 |
| 5183 Dark Blue.....     | 10          |
| 5175 Snow-White.....    | 10          |
| 5174 Finest Mixed.....  | 10          |

## DWARF QUEEN ASTERS.

Large flowering Aster of dwarf habit; bearing profusely full double imbricated flowers of great beauty. Splendid for cutting. (See cut.)

|                        |             |
|------------------------|-------------|
| 5184 White.....        | PER PKT. 10 |
| 5178 Mixed Colors..... | 10          |



GIANT WHITE COMET ASTER.

## COMET ASTERS.

A very beautiful and distinct class, with long curled and twisted petals formed into loose yet dense half-globe, resembling the Japanese Chrysanthemum.

|  |             |
|--|-------------|
| 5224 <b>The Bride.</b> A variety of the Giant type. The flowers, on opening, are of purest white, changing as they become older to a beautiful shade of rose, a most unique transformation | PER PKT. 15 |
| 5216 <b>Giant Pure White,</b> a great improvement over the old type. (See cut.)  | 10          |
| 5172 <b>Pink, Margined</b>   | 10          |
| White.....   | 10          |
| 5201 <b>Deep Pink</b> .....  | 10          |
| 5202 <b>Light Blue</b> .....   | 10          |
| 5215 <b>Carmine</b> .....  | 10          |
| 5221 <b>Peach Blossom</b>  | 10          |
| <b>Pink</b> .....  | 10          |
| 5218 <b>Finest Mixed</b> ...   | 10          |

## MIGNON ASTERS.

A comparatively new class, of semi-dwarf habit, flowering profusely, has become very popular, especially with florists, for use in cut-flower work. The flowers are of the same style as the Victoria, but smaller.

|   |             |
|---|-------------|
| 5191 <b>Lilac.</b> A charming new shade, exceedingly desirable as a corsage flower..... | PER PKT. 15 |
| 5186 <b>Pure White</b> .....  | PER PKT. 10 |
| 5188 <b>Mixed Colors</b> .....  | 10          |

## IMPROVED VICTORIA ASTERS.

A magnificent class either for bedding or for cutting. The flowers are large, beautifully imbricated and perfect in form. (See cut.) 1½ feet.

|                              |    |                                |    |
|------------------------------|----|--------------------------------|----|
| 5204 <b>Pink</b> .....       | 10 | 5208 <b>Purple</b> .....       | 10 |
| 5207 <b>Scarlet</b> .....    | 10 | 5203 <b>White</b> .....        | 10 |
| 5206 <b>Light Blue</b> ..... | 10 | 5205 <b>Finest Mixed</b> ..... | 10 |

## JEWEL, OR BALL-SHAPED ASTERS.

A new and beautiful class of Asters, obtained from the well-known Pæony Perfection race; similar but somewhat dwarfier in habit than the latter, and with shorter petals; perfectly round flowers; 20 inches.

|                                |    |
|--------------------------------|----|
| 5196 <b>Snow-White</b> .....   | 15 |
| 5212 <b>Apple Blossom</b> .... | 10 |
| 5213 <b>Deep Pink</b> .....    | 10 |
| 5217 <b>Dark Blue</b> .....    | 10 |

## BETTERIDGE'S QUILLED ASTERS.

Perfectly double tube or quill-shaped petals; valuable for bouquets and bedding; 2 feet.

|  |   |
|--|---|
| 5225 <b>New Yellow.</b> This variety is <i>really yellow</i> , the large double flowers being of a bright sulphur..... | 5 |
| 5200 <b>Mixed Colors</b> .....   | 5 |



IMPROVED VICTORIA ASTER.

**VARIOUS ASTERS.**

PER PKT.

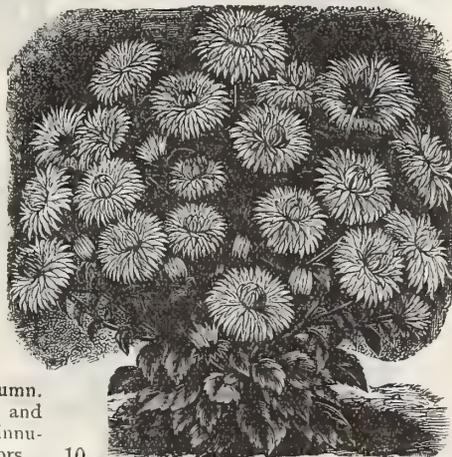
- 5238 **Climax, or Tree.** A new Aster of the Pæony flowered type, but shows a great improvement over that popular sort. The plant grows about 2 feet high, as regularly branched as a pine tree, flowers of immense size; dazzling white; very double. . . . . 15
- 5173 **Cocardeau, or Crown.** Showy flowers, very double, with white centres bordered with bright rich colors; mixed colors; 1½ feet. . . . . 10
- 5171 **Dwarf Pyramidal Bouquet.** Mixed colors; splendid variety for pots or edge of bed. . . . . 10
- 5177 **Giant Emperor.** Flowers of great size, very double, fine form, brilliant colors and robust growth, mixed colors; 2 feet. . . . . 10
- 5181 **Japanese.** Entirely distinct and novel. Plants of pyramidal growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flower free from the stiff and formal appearance usual to asters. The color is a soft flesh pink. (See cut.) . . . . . 10
- 5185 **Mont Blanc (Goliath).** One of the largest flowering, producing pure white flowers 5 inches in diameter. **Queen of the Market.** Blooms three weeks earlier than other asters, of branching habit, excellent for growing under glass; 1 foot. . . . . 10
- 5226 **White** . . . . . 10 | 5227 **Mixed Colors** . . . . . 10
- 5195 **Rose Flowered.** Pyramidal, robust habit, regularly imbricated, large, very double flowers; mixed colors; 2 feet. . . . . 10
- 5211 **Snowball or White Princess.** A beautiful and distinct variety; the flowers are composed of short, very thickly set imbricated petals, resembling a Pom-pone Dahlia; pure white. . . . . 10

**Ray Asters.** This new class attain a height of about 20 inches, of branching habit and bearing their large flowers on long strong stems; the flowers measure from 4 to 6 inches in diameter and consist of ray-like slender quilled florets resembling the straight-rayed Japanese Chrysanthemums.

- 5241 **Pure White** . . . . . 15
- 5242 **Bright Rose** . . . . . 15
- 5170 **Single Flowering Asters.** These form globular plants and carry on long stout stalks a mass of star-shaped flowers which appear early and continue late into the autumn. Very effective in beds or borders and offer a pleasing change to the innumerable double sorts; mixed colors. . . . . 10



ASTER, NEW JAPANESE. PER PKT.



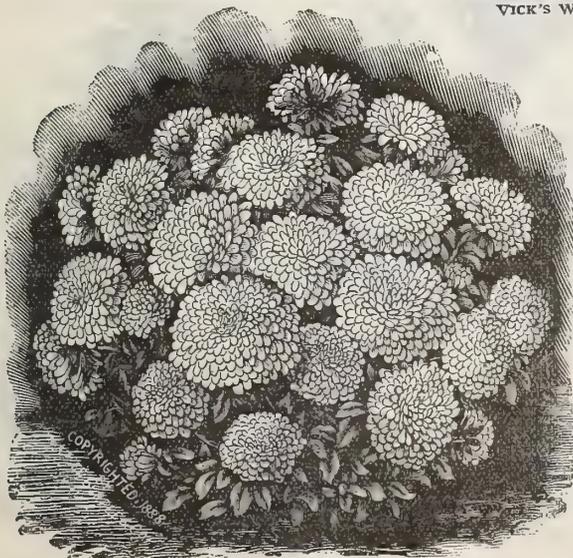
VICK'S WHITE BRANCHING ASTER.

- 5223 **Simple's Branching.** A choice strain of American-grown Asters. Mixed colors. . . . . 10  
Our strain of these Asters is extra fine; separate colors offered on page 5.
- 5222 **Vick's White Branching.** This Aster is a strong grower of branching habit, and blooms later in the season than any other. The flowers are pure white, four inches and over in diameter, and borne on long stems. (See cut.) . . . . . 10
- 5176 **Triumph.** Flowers of faultless Pæony form, petals beautifully incurved. Color scarlet, rich and brilliant. . . . . 10

- 5187 **Victoria Needle Perfection.** Petals long, quilled and sharply pointed; very odd, mixed colors. . . . . 10
- 5180 **Washington.** This splendid variety is the largest Aster grown, bearing flowers 5 to 6 inches in diameter, very double, mixed colors . . . . . 10
- 5220 **Fine Mixed (China).** A splendid mixture of colors. Per oz 50 cts. . . . . 5
- 5230 **Perennial Mixed (Starworts or Michaelmas Daisies).** Single flowering; hardy herbaceous plants, thriving in any good garden soil. If sown early in the spring they will flower the first season. . . . . 10

**IMPORTED COLLECTIONS OF ASTERS.**

- |  |   |
|--|---|
| 5179 <b>Quilled Ger.</b> , 12 varieties . . . . . 50     | 5519 <b>Dwarf Bouquet</b> , 6 varieties . . . . . 30          |
| 5189 <b>Quilled Ger.</b> , 6 varieties . . . . . 25      | 5229 <b>Giant Emperor</b> , 6 varieties . . . . . 40          |
| 5199 <b>Pæony Perfection</b> , 12 varieties . . . . . 75 | 5239 <b>Large Rose Flowered</b> , 6 varieties . . . . . 50    |
| 5232 <b>Pæony Perfection</b> , 6 varieties . . . . . 40  | 5249 <b>Cocardeau or Crown</b> , 6 varieties. . . . . 40      |
| 5209 <b>Victoria</b> , 12 varieties . . . . . 75         | 5259 <b>Comet</b> , 6 varieties. . . . . 40                   |
| 5233 <b>Victoria</b> , 6 varieties . . . . . 40          | 5234 <b>Dwarf Chrysanthemum Fl.</b> , 6 varieties. . . . . 40 |



DWARF QUEEN ASTERS.



DOUBLE CAMELLIA FLOWERED BALSAM.

**BEGONIA.**

Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow in August.

- 5290 **Single Tuberos-rooted.** Finest mixed. (See cut.)..... 15
- 5280 **Double Tuberos-rooted.** Finest mixed 25
- 5300 **Rex Hybrids.** Beautiful varieties, with handsome variegated foliage; choice mixed..... 25
- 5284 **Vernon.** This variety is distinguished by the splendid coloring of its foliage and flowers. When young, the leaves are green, but they change after being exposed to the sun into a very deep red with metallic hue. The bright orange-carmine flowers contrast beautifully with the foliage. It is very effective for bedding in masses, being covered with bloom from May until late in the autumn, and, if potted, will continue to flower throughout the winter..... 10
- 5285 **Dwarf Vernon** possesses all of the characteristics of the parent, succeeding everywhere, doing equally well in sun or shade. Its dwarf, compact habit will adapt it for many purposes for which the tall variety is not suitable, such as edgings, etc. Flowers bright red, bronze foliage..... 25



SINGLE TUBEROUS BEGONIAS.

**BRACHYCOME.**

(Swan River Daisy.)

- 5307 Free-flowering, dwarf-growing annuals, covered during the greater part of the summer with a profusion of pretty blue or white flowers; suitable for edgings, small beds or pot culture. (See cut.) 5

**BRYONOPSIS.**

A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white; 10 feet.

- 5318 **Bryonopsis Lacinosas.**..... 5

**BALSAM. (Lady's Slipper.)**

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet.

- 5254 **Double Scarlet (King)**..... 5
- 5263 " **Pink (Maiden's Blush)**..... 5
- 5256 " **Solferino.** Striped and spotted..... 5
- 5257 " **White.** Per oz., \$1.00..... 5
- 5258 " **White Perfection.** Very double, immense, solid round flowers. Per oz., \$1.50..... 10
- 5260 **Double Camellia Flowered.** Finest mixed. (See cut.) Per oz., \$1.00..... 5
- 5289 **Imported Collection of 6 colors**..... 30

**BALLOON VINE.**

A rapid growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. (See cut.)

- 5272 **Balloon Vine (Cardiospermum).** Per oz., 20 cts..... 5

**BAPTISIA AUSTRALIS.**

- 5274 A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long. Bright blue; 2½ feet. 5

**BARTONIA AUREA.**

- 5275 Producing showy golden-yellow flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting; annual; 2 ft. .... 5

**BOCCONIA JAPONICA.**

- 5305 Effective hardy perennial, for single specimens or groups on lawn. Foliage glaucous green, bears freely spikes 2 to 3 feet long, of cream-colored flowers; 5 feet. .... 5

**BEET.**

The ornamental leaved beets are among the most useful of decorative foliage plants.

- 5286 **Dracæna-leaved.** PER PKT. Brilliant dark red foliage 5
- 5288 **Red Chilian.** Scarlet ribbed. Oz., 15 cts.... 5
- 5287 **Yellow Chilian.** Golden-yellow. Per oz., 15 cts..... 5

**BIDENS**

**ATROSANGUINEA.**

- 5303 A free-flowering, tender annual having beautiful foliage and bearing fine and attractive flowers, crimson and yellow. The roots can be preserved like Dahlias; 3 feet.... 10



BRACHYCOME.

**BROWALLIA** (Amethyst).

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months, growing freely in any rich soil; blooms finely in the winter if sown in August; annual.

- |   |    |
|---|----|
| 5323 <b>Browallia Elata Coerulea.</b> Large sky-blue flowers with a white centre; 18 inches ..... | 5  |
| 5324 — <b>Elata Nana.</b> Dwarf, sky-blue; 12 inches .....  | 10 |
| 5330 — <b>Mixed.</b> All the Elata varieties .....  | 5  |

**CACALIA** (Tassel Flower, or Flora's Paint Brush).

A neat annual, of easy culture, with tassel-shaped flowers; blooms from July to September; fine for borders. Golden-yellow and scarlet. 1½ ft.

- |  |   |
|--|---|
| 5340 <b>Cacalia, Mixed.</b> Per oz. 50 cts. .... | 5 |
|--|---|

**CALAMPELIS** (Eccremocarpus).

- |  |    |
|--|----|
| 5416 A beautiful annual climber. Trained to a trellis or south wall, it is an ornamental object throughout the summer, its bright orange tubular flowers contrasting effectively with the delicate green of the foliage; 10 ft. .... | 10 |
|--|----|

**CALCEOLARIA.**

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory. Our strains have been grown especially for us, and can be relied upon to produce nothing but flowers of the largest size and most brilliant coloring.

- |  |    |
|--|----|
| 5350 <b>Hybrida Grandiflora, Tall, Mixed.</b> Large-flowering, beautiful, rich, self-colored flowers; saved from a choice collection; 20 inches .....                            | 25 |
| 5352 <b>Hybrida Grandiflora Tigrina, Tall, Mixed.</b> Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors. (See cut.) 20 in. .... | 35 |

- |   |    |
|---|----|
| 5353 <b>Hybrida Grandiflora Pumila Compacta.</b> Of dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 ft. .... | 35 |
|---|----|

- |  |    |
|--|----|
| 5354 <b>Rugosa, Mixed (Shrubby).</b> Small-flowering varieties for bedding; of the finest colors; 1 ft. .... | 50 |
|--|----|

**CALLIRHOE.**

A very pretty annual, growing from two to three feet high. It commences to flower when very small, and continues a mass of bloom all summer.

- |   |   |
|---|---|
| 5341 <b>Callirhoe Pedata.</b> Rich crimson, white eye ..... | 5 |
|---|---|

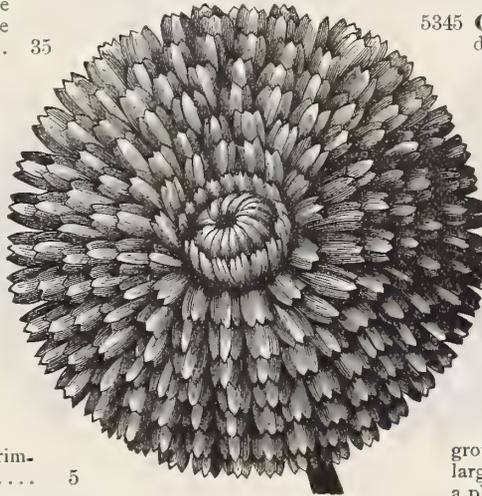


CALCEOLARIA HYBRIDA TIGRINA.

**CALENDULA** (Pot Marigold).

Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; valuable also for pot culture, blooming freely in winter and early spring; 1 ft.

- |  |   |
|--|---|
| 5345 <b>Calendula Meteor.</b> Large double yellow striped with orange. (See cut.) Oz., 30 cts. ....  | 5 |
| 5348 — <b>Prince of Orange.</b> Resembles Meteor, but is much darker. Oz., 30 cts. ....  | 5 |
| 5343 — <b>Pongei Fl. Pl.</b> Showy, double white flowers. ....   | 5 |
| 5346 — <b>Orange King.</b> New, very large double flowers of a dark orange red. ....   | 5 |
| 5347 — <b>Pure Gold.</b> A grand variety, with double extra large flowers of a pure golden-yellow. ....  | 5 |
| 5342 — <b>Double Sulphur.</b> An improved compact-growing Pot Marigold, growing about 1 foot high, with very large and extremely double flowers of a pleasing sulphur-yellow color. .... | 5 |



CALENDULA "METEOR."

**CALLIOPSIS.**

Showy and beautiful, free-flowering, annuals, blooming all summer and excellent for cutting.

- |  |    |
|--|----|
| 5359 <b>Coronata.</b> Showy large yellow flowers .....   | 5  |
| 5355 <b>Golden Wave (Drummondii).</b> Large, rich golden-yellow flowers with chestnut-brown centres, produced in great abundance. (See cut.) ..... | 5  |
| 5358 <b>Tinctoria.</b> Golden-yellow with garnet eye .....   | 5  |
| 5357 <b>Nigra Speciosa.</b> Rich crimson .....   | 5  |
| 5360 <b>Mixed.</b> All the choice kinds ..   | 5  |
| 5361 <b>Imported Collection</b> of ten varieties .....   | 40 |
- See also Coreopsis, page 66.



5 CANARY BIRD FLOWER.



CALLIOPSIS GOLDEN WAVE.

**CANARY BIRD FLOWER.**

- |  |   |
|--|---|
| 5375 A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) ..... | 5 |
|--|---|

**CAMPANULA.**

Well-known beautiful hardy herbaceous perennial, bearing a great profusion of attractive bell-flowers; thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings, and ribbon gardening.

- |      |   |   |
|------|---|---|
| 5368 | <b>Campanula Pyramidalis</b> ( <i>The Chimney Campanula</i> ). A beautiful and stately plant, either for garden or pot culture; mixed blue and white flowers; hardy perennial: 3 feet ..... | 5 |
| 5367 | — <b>Carpatia</b> . Free-flowering, blue and white mixed, continuing in bloom the whole season; hardy perennial; 6 inches.....  | 5 |
| 5365 | — <b>Speculum Fl. Pl.</b> A double blue variety of Venus' Looking-glass, fine for cutting and bouquets; 6 inches.....   | 5 |

**CANTERBURY BELLS.**

(*Campanula Media*.)

- |      |  |   |
|------|--|---|
| 5420 | <b>Single, Mixed.</b> Beautiful large bell-shaped flowers; effective plants for pot culture; hardy biennials. 2½ feet.....   | 5 |
| 5410 | <b>Double, Mixed.</b> All the double Media varieties; 2½ feet.....   | 5 |
| 5363 | <b>Calycanthema</b> ( <i>Cup and Saucer</i> ). This is the finest variety, producing plants with white and blue flowers resembling cup and saucer; mixed. (See cut.) ..... | 5 |

**CANDYTUFT.**

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April flowers from July till frost comes. Hardy and easy to cultivate. Single plants transplanted look well and bloom profusely. Hardy annuals; 1 foot.

- |      |   |    |
|------|---|----|
| 5380 | <b>Empress.</b> A complete mass of pure white flowers, in a pyramid of bloom. (See cut.) Per oz. 50 cts ..... | 10 |
| 5386 | <b>Carmine</b> .....  | 5  |
| 5385 | <b>Crimson</b> .....  | 5  |
| 5381 | <b>White Fragrant.</b> Per oz. 25 cts.....  | 5  |
| 5382 | <b>White Rocket.</b> Per oz. 25 cts.....  | 5  |
| 5390 | <b>Mixed Colors.</b> Per oz. 25 cts.....  | 5  |
| 5383 | <b>Tom Thumb, White.</b> 6 inches.....  | 5  |
| 5387 | <b>Dwarf Hybrids, Mixed.</b> 6 inches.....  | 10 |

**HARDY PERENNIAL CANDYTUFTS.**

(*Iberis*.) PER PKT.

- |      |  |    |
|------|--|----|
| 5388 | <b>Sempervirens.</b> A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc., coming in flower early in the spring; 1 foot..... | 10 |
| 5379 | <b>Gibraltarica Hybrid.</b> Very fine species with white flowers, shading off to lilac; 1 foot....   | 10 |



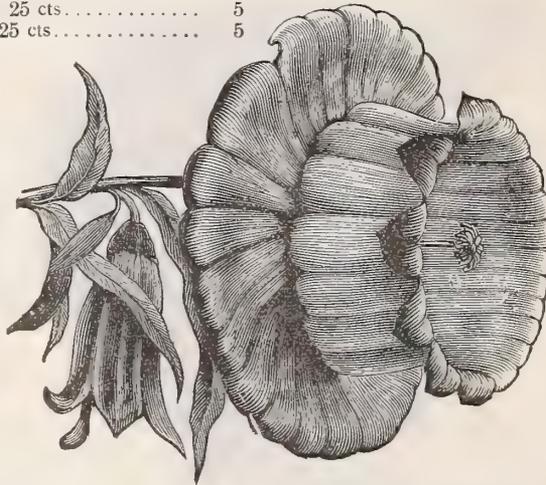
EMPERESS CANDYTUFT.

**CANNA.**

Unquestionably one of the finest of bedding plants for the American climate, the list offered below is all of our own saving. Soak the seeds 12 hours in hot water before planting; sow in sandy loam, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out. (See cut.)

PER PKT.

- |      |   |    |
|------|---|----|
| 5389 | <b>Alphonse Bouvier.</b> Rich brilliant crimson.....              | 10 |
| 5396 | <b>Baronne de Poilly.</b> Orange salmon, green foliage.....       | 10 |
| 5404 | <b>Charles Henderson.</b> Deep rich crimson, one of the best..... | 10 |
| 5408 | <b>Egandale.</b> Soft currant-red, bronze foliage....             | 10 |



CUP AND SAUCER CANTERBURY BELL.

- |      |   |    |
|------|---|----|
| 5405 | <b>Florence Vaughan.</b> One of the finest yellow-spotted red varieties.....  | 10 |
| 5395 | <b>Franz Buchner.</b> Deep orange suffused with scarlet, distinct....   | 10 |
| 5393 | <b>Furst Bismarck.</b> Rich crimson, dwarf growth.....  | 10 |
| 5406 | <b>Madame Crozy.</b> Dazzling scarlet, gilt edge.....   | 10 |
| 5394 | <b>Md'lle Berat.</b> Soft rosy carmine, nearest approach to pink.....   | 10 |
| 5409 | <b>Queen Charlotte.</b> Brilliant orange-scarlet, wide margin of bright yellow.....   | 10 |
| 5407 | <b>Roi de Rouges.</b> The "King of Reds," extra fine.....   | 10 |
| 5397 | <b>Souv de Antoine Crozy.</b> Scarlet and gold, finest of gilt-edged varieties.....   | 10 |
| 5399 | <b>Collection</b> of the above 12 varieties 75 cts.   |    |
| 5402 | <b>3402</b> <b>Crozy's Large-flowering Dwarf French, Finest Mixed.</b> This is a mixture of seed saved on our own grounds from the finest standard sorts. Per oz. 25 cts..... | 5  |



LARGE FLOWERING FRENCH CANNAS.

Our collection of Cannas of both new and old varieties is the most extensive and complete in this country. Our exhibit of New Varieties at Boston, August 21, 1897, was awarded a SILVER MEDAL by the Massachusetts Horticultural Society. The "cream" of the standard sorts will be found offered in the Plant Department, and the latest novelties on pages 10 to 16.

**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.

- |      |                                |   |         |       |
|------|--------------------------------|---|---------|-------|
| 5430 | <b>Fine Double Mixed.</b>      | The best for garden culture   | PER PKT | \$ 10 |
| 5425 | <b>Finest Double Mixed.</b>    | Saved from extra fine flowers   | 25      |       |
| 5423 | <b>Early Flowering Vienna.</b> | Double mixed colors   | 10      |       |
| 5426 | <b>Perpetual, or Tree.</b>     | Choicest mixed colors   | 25      |       |
| 5437 | <b>Chaubaud's Perpetual.</b>   | Raised by a famous French specialist. Blooms in five months after being sown and continues to flower in the greatest profusion indefinitely.                  | 25      |       |
| 5424 | <b>Rivieria Market.</b>        | A splendid strain of perpetual Carnations, producing 85 per cent. of double flowers, in many beautiful colors, including a large percentage of yellow grounds | 25      | 52    |
| 5429 | <b>Imported Collection</b>     | of 12 finest varieties  | 1       | 00    |
| 5427 | "                              | of 6 "  | 50      |       |

**MARGUERITE CARNATIONS.**

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of semi-dwarf robust habit, requiring no artificial support, and producing on long, strong stems an abundance of large beautifully fringed, highly scented flowers. (See cut.)



MARGUERITE CARNATIONS.

- |      |  |          |      |                      |                               |                       |                |        |                     |          |    |
|------|--|----------|------|----------------------|-------------------------------|-----------------------|----------------|--------|---------------------|----------|----|
| 5431 | <b>Pure White</b>                              | PER PKT. | 10   | 5433                 | <b>Bright Rose</b>            | PER PKT.              | 10             | 5435   | <b>Deep Crimson</b> | PER PKT. | 10 |
| 5432 | <b>Fiery Scarlet</b>                           | 10       | 5434 | <b>Purple Violet</b> | 10                            | 5436                  | <b>Striped</b> | 10     |                     |          |    |
| 5439 | Collection of the above 6 varieties, 50 cents. |          |      | 5428                 | <b>Marguerite Carnations.</b> | Mixed colors, 1/4 oz. |                | \$1.00 | 10                  |          |    |

**CELOSIA, OR COCKSCOMB.**

Free-blooming annuals, growing best in rather light soil, not too rich, producing ornamental comb-shaped flowers; make grand border plants and are attractive for pots.

- |      |                             |  |          |   |
|------|-----------------------------|--|----------|---|
| 5440 | <b>Variegata.</b>           | Variegated with crimson, orange, green striped, etc., of the most brilliant hues; 3 feet.  | PER PKT. | 5 |
| 5441 | <b>Queen of the Dwarfs.</b> | This we consider the finest of the dwarf-growing Cockscombs. The plants grow only eight inches high, with beautiful dark rose-colored combs, measuring under good cultivation two feet across. |          |   |



CELOSIA. THOMPSON'S SUPERB.

**CRISTATA, or CRESTED VARIETIES.**

- |      |                            |  |    |
|------|----------------------------|--|----|
| 5442 | <b>Glasgow Prize.</b>      | Immense showy dark crimson combs. (See cut.)   | 10 |
| 5443 | <b>Empress.</b>            | Combs of colossal proportions; they have been grown measuring 45 inches from tip to tip; rich crimson. | 10 |
| 5450 | <b>Dwarf, Mixed.</b>       | Fine dwarf varieties. Per oz. 75c.   | 5  |
| 5449 | <b>Imported Collection</b> | of 6 dwarf Cockscombs  | 25 |



CELOSIA. GLASGOW PRIZE.

**FEATHERED VARIETIES.**

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets.

- |      |                          |   |    |
|------|--------------------------|---|----|
| 5444 | <b>Thompson's Superb</b> | (Triomphe de l'Exposition). This variety has attracted general attention in the public gardens of Paris. Pyramidal in growth, attaining a height of a little more than two feet, and produces beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. (See cut.) | 10 |
| 5447 | <b>Golden Plume.</b>     | Pyramidal habit. Flowers bright golden-yellow   | 10 |
| 5445 | <b>Plunosa Superba.</b>  | A beautiful feathered variety; mixed colors   | 10 |

**CENTAUREA (White-Leaved, "Dusty Miller").**

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. Sow the seed from December to April; half-hardy perennials.

- |      |                      |  |    |
|------|----------------------|--|----|
| 5457 | <b>Gymnocarpa.</b>   | Fine cut silver-gray foliage; 1 1/2 ft. Per 1000 seeds 50 cts. | 10 |
| 5454 | <b>Candidissima.</b> | Silvery white, leaves broadly cut. Per 1000 seeds 50c.         | 10 |

**CENTAUREA CYANUS (Ragged Sailor, Cornflower, or Blue Bottle).**

A favorite annual; does well everywhere. Largely used as a cut flower.

- |      |                             |   |    |
|------|-----------------------------|---|----|
| 5463 | <b>Blue (Kaiser Blume)</b>  | 5   |    |
| 5462 | <b>White</b>                | 5   |    |
| 5460 | <b>Mixed.</b> 1 1/2 feet    | 5   |    |
| 5464 | <b>New Double Flowered.</b> | 5   |    |
| 5465 | <b>Dwarf Victoria.</b>      | A charming miniature form, rarely exceeding 8 inches in height, the plants forming very pretty globular bushes, which are profusely covered with dark blue flowers. | 10 |

**CENTAUREA MARGARITA.**

- |      |   |    |
|------|---|----|
| 5459 | This may be described as a giant-flowering Cornflower, and is now much in demand as a cut flower. The blossoms are from 2 to 4 inches in diameter, snow-white and deliciously scented. (See cut.) | 15 |
|------|---|----|



CENTAUREA MARGARITA.

# CHRYSANTHEMUM.

Showy and effective garden favorite, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn flowering varieties.

## SINGLE ANNUAL VARIETIES.

(Painted Daisies.)

|  | PER PKT. |
|--|----------|
| 5484 <b>Burridgeanum.</b> White centre, crimson band.....  | 5        |
| 5493 <b>Eclipse.</b> Pure golden with a bright-scarlet purplish ring and dark brown disc, very striking..... | 5        |
| 5495 <b>Segetum Grandiflorum.</b> Large blooms of a bright sulphur-yellow, fine for winter-blooming.....     | 5        |
| 5486 <b>W. E. Gladstone.</b> Brilliant crimson.....  | 5        |
| 5481 <b>Golden Feather.</b> White crimson and canary, maroon eye.....  | 5        |
| 5483 <b>The Sultan.</b> Maroon, golden-yellow centre.....  | 5        |
| 5500 <b>Single Mixed.</b> Summer flowering varieties. Oz. 30 cts....   | 5        |
| 5489 <b>Imported Collection</b> of 8 summer flowering varieties.....   | 30       |

## DOUBLE ANNUAL VARIETIES.

|  |   |
|--|---|
| 5485 <b>Double White</b> .....                     | 5 |
| 5487 <b>Double Yellow</b> .....                    | 5 |
| 5491 <b>Double.</b> Mixed, yellow, white, etc..... | 5 |

## PERENNIAL VARIETIES.

|   |    |
|---|----|
| 5488 <b>Frutescens Grandiflorum.</b> ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale.....   | 10 |
| 5480 <b>Inodorum Plenisimum.</b> Double snow-white, very free-flowering and fine for cutting. A perennial, flowering the first year from seed.....  | 10 |
| 5490 <b>Japanese Hybrids.</b> The seed here offered has been saved from a magnificent collection. Seed sown in spring will produce flowering plants by fall. The raising of these from seed is most interesting, and although many of the seedlings will be single, yet all are beautiful.. | 25 |



CERASTIUM TOMENTOSUM.

### CERASTIUM.

(Snow in Summer.) PER PKT.

|   |    |
|---|----|
| 5472 <b>Cerastium Tomentosum.</b><br>A very pretty dwarf white-leaved edging plant bearing small white flowers..... | 10 |
|---|----|

### CENTROSEMA VIRGINICA GRANDIFLORA.

PER PKT.

|  |    |
|--|----|
| 5468 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish-purple, with a broad, feathery white marking through the centre..... | 10 |
|--|----|

### CINERARIA.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. Cinerarias grow so freely that the seedling may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached.

### "DREER'S PRIZE STRAIN."

This strain of Cineraria cannot be surpassed either for size of flowers or beauty of color. Many of the blooms measure 2½ inches in diameter, and none will be smaller than a silver dollar. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should procure our prize strain.

|  |    |
|--|----|
| 5510 <b>Hybrida Dreer's Prize Dwarf.</b> Mixed... ..   | 35 |
| 5520 — — <b>Prize Tall.</b> Mixed.....   | 35 |
| 5540 <b>Dwarf Choice.</b> Mixed.....   | 25 |
| 5530 <b>Tall</b> ".....  | 25 |
| 5550 <b>Double Mixed.</b> Large flowering double varieties. All the rich and beautiful colors of the single sorts exist in this selection..... | 35 |

### CINERARIA (Dusty Miller).

Fine for bedding, ribbon-beds and margins; prized for their beautiful downy silvery foliage; half-hardy perennials; 2 feet.

|  |    |
|--|----|
| 5555 <b>Maritima Candidissima.</b> Silver foliage. Oz. 75 cts..... | 5  |
| 5556 <b>Acanthifolia.</b> Silvery foliage, beautifully cut.....    | 10 |



SINGLE ANNUAL CHRYSANTHEMUMS.



CINERARIA—DREER'S PRIZE DWARF.



COCCINEA INDICA.

bright, glossy-green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, the plant being completely hidden beneath a blanket of white hawthorne-scented blossoms; a grand plant for piazzas, fences, in fact, any position where a climber is wanted; it is just the thing for covering terraces or embankments, does equally well in sunshine or shade, and stands unrivaled as a plant for the cemetery.....

- 5575 **Flammula** (*Virgin's Bower*). Producing beautiful clusters of small white fragrant flowers..... 10
- 5577 **Hybrida Grandiflora**. Saved from a magnificent collection of the finest large flowering sorts by an expert hybridizer ..... 10

**COCCINEA INDICA**

(Scarlet Fruited Ivy-Leaved Climber.)

- 5588 A handsome climber of the gourd species, flowering the first season if started early in heat, with beautiful, smooth, glossy ivy-like leaves, contrasting with the fine snow-white, bell-shaped flowers and brilliant carmine fruit; 10 feet. (See cut.)..... 10

**COLEUS.**

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March.

- 5640 **Coleus, Dreer's Hybrids.** Our own saving from upwards of 50 of the finest varieties..... 25



CONVOLVULUS MINOR, TRICOLOR.

**CLARKIA.**

An old favorite annual, glowing in any garden soil, and producing freely its cheerful flowers in the season. Sow the seed early in the spring.

- 5560 **Single.** Mixed colors..... 5
- 5570 **Double.** Mixed colors..... 5

**CLEMATIS.**

Rapid-growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large flowering varieties are very handsome. Soak the seeds in warm water for 24 hours before sowing; hardy perennials.

- 5576 **Paniculata** (*Japanese Virgin's Bower*). This is one of the few really good, hardy climbers. Unlike other sorts, it grows easily from seed, and, sown early, will flower the first year. The leaves are of a



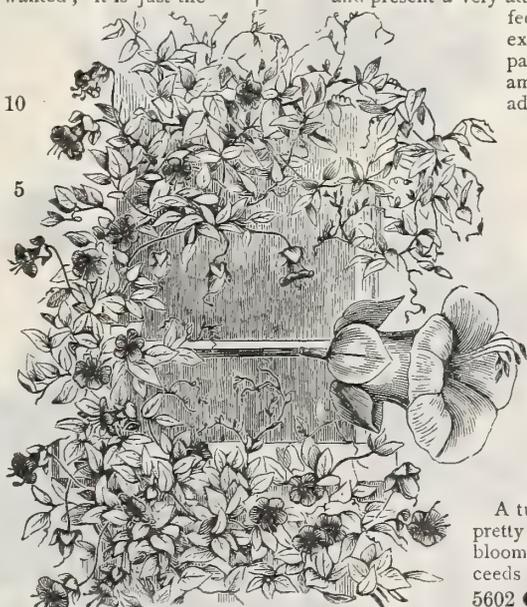
CLEMATIS, LARGE FLOWERING.

**CLEOME.**

(Giant Spider Plant.)

PER PKT.

- 5581 **Cleome Pungens.** Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; annual; 3 feet. This plant has been used extensively in many of the public parks the past season, planted among shrubbery, and was much admired..... 5



COBÆA SCANDENS.

**CLIANTHUS.**

(Australian Glory Pea.)

- A beautiful tender perennial shrub, bearing clusters of drooping, brilliant, rich-scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre. Plant out, when the weather has become warm, in a rather dry, sheltered, sunny position; 4 feet.
- 5584 **Dampieri**..... 15
- 5585 **Dampieri Germanicus**..... 25

**COMMELINA.**

A tuberous-rooted free-blooming, very pretty plant. Half-hardy perennial, blooming the first season from seed; succeeds in a light, rich soil.

- 5602 **Cœlestis.** Rich sky-blue; 1½ feet..... 5

**COBÆA.**

A climber of rapid growth, valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds edgewise and merely cover with light soil. (See cut.)

- 5586 **Scandens.** Large, bell-shaped purple flowers.. 10
- 5587 **Scandens Alba.** Pure white..... 10

**COLLINSIA.**

Very pretty free-flowering annuals, blooming in whorls and several whorls around each flower stem; 1½ feet.

- 5650 **Collinsia, Mixed.** Of all varieties and colors..... 5

**CONVOLVULUS (Major, or Climbing Morning Glory).**

One of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals; 15 feet.

- 5630 **Mixed.** All colors. Per oz. 15 cts..... 5
- 5631 **Double Flowering.** About eighty per cent. of the seedlings will produce double flowers, the remainder semi-double or single..... 10
- 5629 **Imported Collection** of 10 varieties..... 30

*Imperial Japanese or Emperor Morning Glory will be found offered on page 75.*

(Minor, or Dwarf Morning Glory.)

Rich colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect.

- 5606 **Minor Tricolor, Mixed.** Annual; 1 foot..... 5
- 5611 **Mauritanicus.** A beautiful trailing plant for hanging-baskets, vases, etc.; blue flowers; perennial..... 10

••• COSMOS •••

Beautiful autumn-blooming plants. The flowers are borne profusely on long stems and present a charming appearance when the plants are in full bloom. Should be sown in spring, in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. It is of the easiest culture, planted about 18 inches apart in rows or in masses in beds. When the plants are about a foot high, the tops should be pinched out to induce a bushy growth, and this should be continued until the middle of July, when they should have formed nice bushy plants 3 feet high by the same in diameter. They produce, from September until cut down by frost, thousands of beautiful flowers in pure white, pink, and crimson shades, furnishing an abundance of cut blooms for autumn decoration when other flowers are scarce. (See cut.)



COREOPSIS LANCEOLATA.

**COREOPSIS.**

5356 **Lanceolata.** This is one of the finest of hardy plants, with large, showy, bright golden-yellow flowers, freely produced on long stalks from June till frost, excellent for cutting, will thrive in almost any situation. 5 cts. per pkt.

5371 **Lanceolata grandiflora, California Sunbeams.** These lovely improved varieties are much larger and more beautiful than any heretofore offered; the flowers are exquisitely formed, some saucer-shaped, others cupped, delicately incurved, while some are quite flat, others like great Buttercups. The petals are broad, with plain round edges in some flowers, in others they are pinked, toothed or irregularly fringed; some are semi-double; in many the petals are daintily curled. They vary in color from pale light yellow to orange-yellow, some of them being darker in shade around the eye. The stems are long and the flowers keep fresh in water for a week or ten days. 10 cts. per pkt. See also Calliopsis, page 61.



COSMOS.

|                            | OZ. | PKT. | OZ.                       | PKT.  |
|----------------------------|-----|------|---------------------------|-------|
| 5651 <b>Crimson</b> .....  | 75  | 10   | 5653 <b>Pure White</b> .. | 75 10 |
| 5654 <b>Light Pink</b> ... | 75  | 10   | 5652 <b>Mixed</b> .....   | 60 5  |

5649 **Giant Californian,** mixed colors. A magnificent strain bearing flowers of mammoth size. Several of our customers brought us in flowers measuring 4 inches in diameter grown from this strain..... 10

5648 **New Dwarf Early Flowering Cosmos "Dawn."** This grand new variety grows only 4 ft. high and begins flowering in July; for full description, see page 6.... 15

**CUPHEA (Cigar Plant).**

5655 **Cuphea Roezli Superba.** A very free-flowering plant, bearing tubular flowers of a bright red color. .... 15

**CYCLANTHERA EXPLODENS.**

5672 A climbing annual of the gourd species, free-growing, handsome foliage and oval-shaped fruit, exploding loudly when ripe; 10 feet..... 5



CYCLAMEN GIGANTEUM.

**CYCLAMEN.**

Charming plants, with beautiful foliage and rich-colored, fragrant flowers, universal favorites for winter and spring blooming. The Giganteum varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the autumn or spring in shallow boxes (2 inches deep) at a temperature of 60°. As soon as the seedlings have made two leaves, transplant into 2-inch pots and place on shelf near the light, but shaded from direct sunlight; shift into 3-inch size, and into larger as the operation becomes necessary.

|   | PBR | PKT. |
|---|-----|------|
| 5670 <b>Persicum.</b> Choice mixed .....  | 10  |      |
| 5663 — <b>Giganteum. Pure White</b> with carmine eye.....   | 35  |      |
| 5657 — — <b>Album.</b> Pure white; superb.....  | 35  |      |
| 5658 — — <b>Rubrum.</b> Dark blood-red; splendid.....   | 35  |      |
| 5664 — — <b>Roseum.</b> Delicate rose with deep crimson eye.....  | 35  |      |
| 5660 — — <b>Finest Mixed.</b> Saved from a superb collection.....   | 25  |      |
| 5666 <b>Double-flowering.</b> A really double-flowering Cyclamen, coming quite true from seed; the flowers are produced with the same freedom and in the same beautiful colors as in the single-flowering sorts, and they last much longer when cut, and when left on the plants continue in good condition for over two months. Per pkt..... | 35  |      |

**CYPRESS VINE.**

(*Ipomoea Quamoclit.*)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful small, star-shaped flowers. Sow in May; 15 feet.

- |   |            |                                       |          |
|---|------------|---------------------------------------|----------|
| 5674 <b>Scarlet.</b> Per oz. 30 cts. ....   | PER PKT. 5 | 5680 <b>Mixed.</b> White and scarlet. | PER PKT. |
| 5676 <b>White.</b> Per oz. 30 cts. ....   | 5          | Per oz. 30 cts. ....                  | 5        |
| 5677 <b>Scarlet Ivy-Leaved.</b> A rapid-climbing variety, with deeply lobed, ivy-like leaves, and small, fiery scarlet flowers. Per oz. 30 cts. | 5          |                                       |          |

**DAISY.**

(*Bellis Perennis.*)

A favorite plant, in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

- |  |    |
|--|----|
| 5690 <b>Daisy, Mixed.</b> All colors double; 4 inches. ....  | 10 |
| 5682 <b>Double White.</b> .....  | 10 |
| 5684 <b>Longfellow.</b> Large double pink flowers. ....  | 10 |
| 5683 <b>Snowball.</b> A large and very double pure white Daisy. The flowers are borne on long stems, and are excellent for cutting. (See cut.) ..... | 15 |
| 5685 <b>Double Quilled Mixed.</b> Very double. Quilled petals, red and white mixed. ....   | 15 |
| 5686 <b>New Giant Double.</b> Beautifully and densely imbricated flowers 1½ to 2 inches in diameter, in different fine red tints .....               | 15 |

**DIGITALIS.**

(*Foxglove.*)

A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

- |  |    |
|--|----|
| 5750 <b>Gloxiniaeflora.</b> Gloxinia-shaped flowers; a lovely type; all colors mixed. ....                           | 5  |
| 5751 <b>Monstrosa.</b> Mammoth Foxglove; long spike surmounted by one enormous flower; very odd; all colors mixed. . | 10 |



SNOWBALL DAISY.

- |  |    |
|--|----|
| 5691 <b>Single Gracilis.</b> Beautifully striped and spotted varieties. .... | 10 |
| 5695 <b>Single Jules Chretien.</b> Bright scarlet, half-dwarf. ....          | 15 |
| 5694 <b>Single Mixed.</b> Large showy single flowers .....                   | 10 |

5698 **Tom Thumb.** A highly interesting class of neat, compact and dwarf habit, growing 1 foot in height, very free-flowering, invaluable for cutting purposes, and admirably adapted for planting in masses and for border decoration. ....

5699 **Imported Collection** of 6 separate single sorts. . 50

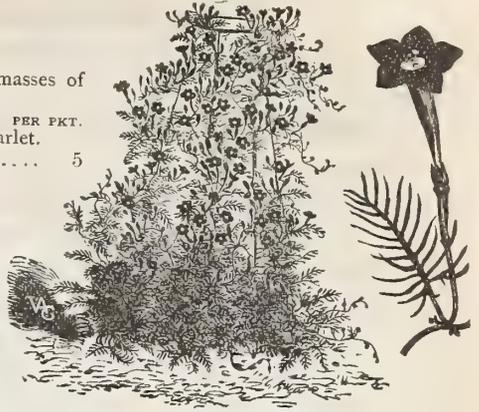
**DATURA (Trumpet Flower).**

Ornamental annuals with large and showy flowers, making handsome plants, 2 to 3 feet high.

5697 **Double Golden.** Large double flowers, of a deep golden-yellow; delightfully fragrant. .... 5

5700 **Fastuosa Huberiana.** From large double flowers of various colors. . 5

5702 **Cornucopia** ("Horn of Plenty"). A grand variety; the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until frost. (See cut.)..... 10



CYPRESS VINE.

**DAHLIA.**

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand; 2 to 8 feet.

- |   |    |
|---|----|
| 5692 <b>Double.</b> Large flowering; finest mixed. ....   | 10 |
| 5693 <b>Double.</b> Small flowering ( <i>Bouquet or Lili-puvian</i> ). Finest mixed. .  | 10 |
| 5701 <b>Double Cactus.</b> This type is very desirable; many colors. ....   | 15 |
| 5703 <b>Single Giant Perfection.</b> This new strain is a decided advance on those now cultivated, and should soon displace them by their many merits. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, averaging 6 inches across, of the most bewildering variety of coloring, including not only solid or self-colors, but striped and flaked combinations as well. .... | 15 |



DOUBLE CACTUS DAHLIA.



DATURA CORNUCOPIA.

5696 **Arborea Simplex** (*Brugmansia*). Large single trumpet-shaped, white, fragrant flowers, about 12 inches long; plant out in May. .... 15

**DIANTHUS OR PINKS.**

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The Chinese and Japanese varieties bloom the first season, the same as hardy annuals; height 1 foot.

**DOUBLE ANNUAL VARIETIES.**

- |      |   |          |
|------|---|----------|
| 5720 | <b>Dianthus Chinensis Fl. Pl.</b> ( <i>China or Indian Pink</i> ).  | PER PKT. |
|      | Double mixed. Per oz. 30 cts. ....  | 5        |
| 5730 | — <b>Heddewigi Fl. Pl.</b> ( <i>Double Japan Pink</i> ). Double mixed.  |          |
|      | Colors varying from the richest velvety crimson to the most delicate rose; individual flowers very large. Per oz. 60 cts. ....  | 5        |
| 5735 | — <b>Snowball</b> ( <i>Heddewigi Albus Fl. Pl.</i> ). Double white, fringed flowers; very fine. ....  | 10       |
| 5740 | — <b>Heddewigi Diadematus Fl. Pl.</b> ( <i>Double Diadem Japan Pink</i> ). Beautiful double flowers; mixed of various tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white. Per oz. 75 cts. .... | 5        |
| 5722 | — <b>Imperialis Fl. Pl.</b> ( <i>Double Imperial Pink</i> ). Double variegated mixed colors. ....   | 5        |
| 5728 | — <b>Laciniatus Fl. Pl.</b> ( <i>Double-Fringed Japan Pink</i> ). Large, double, showy flowers, with fringed edges and beautifully striped; mixed, various colors. ....   | 5        |
| 5724 | — <b>Mourning Cloak</b> ( <i>White Frill</i> ). Rich, blackish velvety crimson, margined with pure white, making a unique contrast. (See cut.)  | 5        |
| 5723 | — <b>Fireball</b> ( <i>Nanus Atrorubescens Fl. Pl.</i> ). A dwarf variety producing globular, double, dark, blood-red flowers; extra fine. ....   | 5        |
| 5739 | <b>Imported Collection</b> of China and Japan Pinks; 12 double varieties. ....  | 40       |



MOURNING CLOAK DIANTHUS.

**HARDY PERENNIAL VARIETIES**

These hardy varieties are well adapted for beds and borders, delightfully sweet-scented; should be in every garden where cut flowers are wanted.

- |      |  |
|------|--|
|      | PER PKT.   |
| 5725 | <b>Dianthus Plumarius</b> ( <i>Pheasant-eye</i> ). A beautiful, single hardy pink, with fringe-edged white flowers, with a dark centre. .... 5 |
| 5727 | — <b>Plumarius Fl. Pl.</b> Double and semi-double varieties in beautiful colors. (See cut.) ... 10   |
| 5726 | — <b>Albus Fl. Pl.</b> Double, pure white, very fine. .... 25  |
| 5736 | — <b>New Perpetual.</b> Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. ... 25              |
| 5742 | — <b>Garden, or Clove-scented Pinks</b> ( <i>Hortensis Varieties</i> ). Beautiful double mixed colors. .... 10                                 |



DWARF HYBRID FRINGED PINKS.

able, changing into a salmony rose when fading. That this variety is easily proved by the seeds, which are white or yellowish white, while those of all other annual Pinks are dark-brown or black. The flowers are well formed and nicely fringed; the plants attain a height of 10 to 12 inches. .... 10

**5738 Dwarf Hybrid Fringed Pinks.**

New strain, selected from that beautiful variety, "Salmon Queen," and differing from that sort by their somewhat smaller, less fringed, but much finer colored flowers, which vary from white to purplish-red, all being tinged with bright salmon and having a dark ring around the eye. When grouped, are as beautiful as they are distinct. Plant grows 10 inches high; remarkably free flowering. (See cut.) ..... 15

**SINGLE ANNUAL VARIETIES.**

All of the single sorts have large flowers, 2 inches and over in diameter; their many and brilliant colors make them very desirable for beds or borders.

- |      |   |
|------|---|
|      | PER PKT.  |
| 5734 | <b>Dianthus Heddewigi.</b> Finest selected single-flowered, mixed. Oz. 50 cts. .... 5   |
| 5731 | — <b>Laciniatus.</b> A beautiful fringed variety; various colors. 5   |
| 5732 | — <b>"Eastern Queen."</b> Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty. .... 5  |
| 5733 | — <b>"Crimson Belle,"</b> as its name implies, is a rich crimson color, flowers of a very large size and substance, evenly and finely fringed. .... 5   |
| 5737 | <b>Laciniatus, "Salmon Queen."</b> This new variety is a beautiful acquisition. Its flowers are of a distinct and perfectly new tint in this class; being of the most brilliant salmon color imaginable. .... 5 |



DIANTHUS PLUMARIUS FL. PL.



DIANTHUS HEDDEWIGI SINGLE.

# DELPHINIUM.

(Perennial Larkspur.)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed; hardy perennials.

PER PKT.

- 5705 **Delphinium Formosum.** Beautiful spikes of brilliant rich blue flowers, with a white centre; 2½ feet. . . . . 5
  - 5706 — **Nudicaule.** Dwarf, compact growth, with spikes of bright scarlet flowers; 18 inches. . . . . 10
  - 5708 — **Cashmerianum.** A beautiful dark blue, blooms in corymbs of 6 or more; 15 inches. . . . . 10
  - 5715 — **Elatum Hybridum.** Bee Larkspur. Rich deep blue; very free blooming. (See cut.) . . . . . 10
  - 5707 — **Zalil.** A lovely shade of sulphur yellow. . . . . 10
  - 5718 — **Grandiflorum Fl. Pl.** Finest double, mixed in great variety of charming colors. . . . . 15
  - 5714 — **Fine Mixed** single varieties. Oz. 40 cts. . . . . 5
- For annual Delphiniums, see Larkspur, page 76.



DIDISCUS CÆRULEUS.

## DIDISCUS CÆRULEUS.

5746 This pretty and interesting annual seems to have been lost sight of in the last few years. We had a line of it in our trial grounds last summer which bloomed most profusely from July till November, their exquisite pale lavender blossoms being greatly admired by all visitors; the plants grew about 18 inches high and had as many as 50 flowers open at one time. (See cut.).. 10

## ECHINOCYSTIS.

(Wild Cucumber Vine.)

5786 **Lobata.** One of the quickest growing vines we know of; splendid for covering old trees, fences, etc. . . . . 5

## ERIGERON HYBRIDUS ROSEUS.

5785 Interesting and attractive plant for permanent positions. The flowers are about 1 inch across, of a beautiful purplish-rose, with a golden-yellow centre. It is a hardy perennial, but will flower the first year if sown early, producing its lovely flowers without interruption from May until late in the autumn. (See cut.) . . . . . 25

## EUPATORIUM.

A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ feet.

5804 **Eupatorium Fraseri.** . . . 10

## EUPHORBIA.

Strong growing annuals suitable for beds of tall growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

5806 **Variiegata** (*Snow on the Mountain*). Attractive foliage, veined and margined with white; 2 feet. . . . . 5

5807 **Heterophylla** (*Annual Poinsettia, Mexican Fire Plant, Painted Leaf*). An annual resembling in habit and color the beautiful hot-house Poinsettia. The plants grow two to three feet high, of branching bush-like form, with smooth glossy green leaves



ESCHSCHOLTZIA.



DELPHINIUM ELATUM.

## DOLICHOS. See Hyacinth Bean, page 73.

## DRACÆNA.

Beautiful ornamental leaved plants, indispensable for vases and house decoration.

- 5756 **Australis.** Broad green leaves. . . . . 10
- 5755 **Indivisa.** Fine plant for vases, etc. . . . . 10
- 5757 — **Lineata.** Gracefully arching, dark green. . . . . 10
- 5758 **Mixed.** Splendid varieties. . . . . 15

## ESCHSCHOLTZIA.

(California Poppy.)

Very attractive annuals for beds, edgings, or masses; profuse flowering, fine cut foliage, in bloom from June till frost; 1 foot. (See cut).

- 5788 **Eschscholtzia Aurantiaca.** Rich orange. . . . . 5
- 5796 — **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet. . . . . 5
- 5795 — **Rose Cardinal.** A charming variety, producing freely beautiful large flowers of intense carmine. . . . . 5
- 5800 — **Single Mixed.** All colors. Per oz. 40 cts. . . . . 5
- 5790 — **Double Mixed.** All colors. . . . . 5



ERIGERON HYBRIDUS ROSEUS.

which about midsummer become a beautiful orange scarlet, presenting a striking and brilliant appearance . . . . . 10

**FUCHSIA.**

A well-known plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties. **PER PKT.**  
 5835 **Mixed** ..... 15

**FENZLIA.**

A small dwarf profuse-flowering annual, adapted for small beds, rustic work, vases, or pot culture, blooming all summer, and requires to be well supplied with moisture; 3 inches.  
 5815 **Fenzlia Dianthiflora.** Rosy lilac, with crimson centre ..... 10

**FERNS.**

These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peaty, sandy soil, and moist, shady positions in the garden during the summer. The seed is, however, slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees.  
 5816 **Adiantum, Mixed.** Maiden-hair varieties ..... \$0 15  
 5830 **Choice Mixed.** From a fine collection ..... 15  
 5819 **Imported Collection** of 12 distinct varieties ..... 1 00

**GAILLARDIA.**

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn; annuals 1½ feet.

- 5837 **Gaillardia Picta.** Crimson, and orange ..... 5
- 5838 — **Picta Lorenziana.** A charming profuse double-flowering strain; beautifully mixed colors ..... 5
- 5840 **Mixed.** Fine colors.... 5
- 5841 **Grandiflora Superba.** Our own saving. Splendid new perennial varieties with very large flowers, dark crimson centres, marked with rings of many brilliant colors. (See cut.).. 10

**GENTIANA.**

A charming hardy perennial which blooms early in May. Excellent for edgings, rock-work, etc.  
 5852 **Gentiana Acaulis.** The Blue Gentian; flowers rich blue; 6 inches ..... 10

**GEUM.**

Beautiful hardy perennial, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets.  
 5854 **Geum Atrococcineum.** Double scarlet.... 5



GERANIUM LADY WASHINGTON.



GAILLARDIA GRANDIFLORA SUPERBA.



GAILLARDIA LORENZIANA.

- 5858 **Glaucium Corniculatum (Luteum)** ..... 5

**GILIA.**

**PER PKT.**  
 Very pretty dwarf annuals; early, free-blooming, fine for massing and rock-work; 1 foot.  
 5880 **Gilia, Mixed.** All varieties and colors..... 5

**GLAUCIUM.**

(Horn Poppy.)

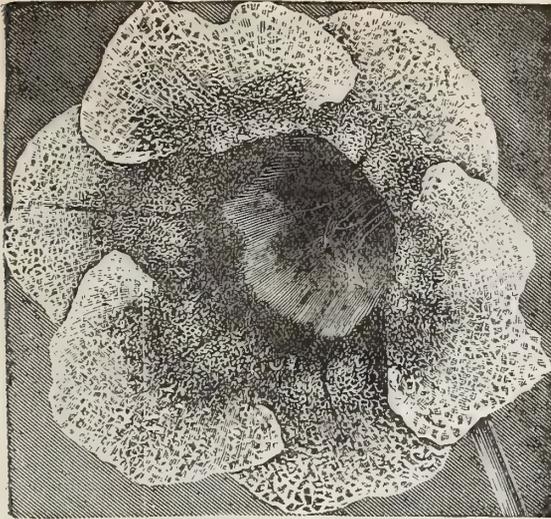
An ornamental foliage plant, with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial; 2 feet. (See cut.)

**GERANIUM.**

- 5850 **Geranium Zonale, Mixed.** A superb strain of the largest and finest varieties; mixed colors..... 10
- 5845 — **Variogated Leaved.** Bronze, gold, silver and tri-colored foliage varieties. Mixed ..... 25
- 5846 — **Double Mixed.** This seed will produce a large percentage of double flowers of extra fine colors ..... 25
- 5847 — **Pelargonium, Mixed (Lady Washington).** Saved from the finest fancy and spotted large flowering sorts. (See cut.)..... 25
- 5844 — **Apple-Scented (Pelargonium odoratissimum).** This fragrant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate ..... 10



GLAUCIUM.



GLOXINIA HYBRIDA PUNCTATA.

**GLOBE AMARANTH.**

(Gomphrena.)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant; flowers can be dried and used in winter bouquets.

- |      |  |          |
|------|--|----------|
| 5896 | <b>Globe Amaranth, Nana Compacta.</b> Red, | PER PKT. |
|      | 1 foot. (See cut.)                         | 5        |
| 5900 | — <b>Mixed.</b> 2 feet. Per oz. 40 cts.    | 5        |

**GNAPHALIUM.**

(Edelweiss.)

Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mold, and should be kept cool and moist.

- |      |                                 |    |
|------|---------------------------------|----|
| 5885 | <b>Gnaphalium Leontopodium.</b> | 15 |
|------|---------------------------------|----|

**GYPSOPHILA.**

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings, and borders; succeeding in any garden soil.

- |      |  |   |
|------|--|---|
| 5916 | <b>Gypsophila Paniculata.</b>                              | 5 |
|      | White flowers, fine for bouquets; hardy perennial; 2 feet. |   |
| 5915 | — <b>Elegans, Mixed.</b> Hardy annual.                     | 5 |



GLOBE AMARANTH, NANA COMPACTA.

**GOLDEN ROD (Solidago Canadensis).**

- |      |   |   |
|------|---|---|
| 5884 | <b>Our "National Flower."</b> Golden-yellow; hardy perennial; |   |
|      | 2 to 5 feet. (See cut.)                                       | 5 |

**GOLDEN FEATHER,** see page 87.

**GOURDS, ORNAMENTAL.**

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. (See cut.)

- |      |  |          |   |
|------|--|----------|---|
| 5903 | <b>Calabash.</b> The Dipper Gourd.   | PER PKT. | 5 |
| 5905 | <b>Hercules' Club.</b> Club-shaped; 4 feet long.   | 5        |   |
| 5904 | <b>Egg-shaped.</b> Fruit white like an egg.  | 5        |   |
| 5906 | <b>Orange-shaped, or Mock-Orange</b>   | 5        |   |
| 5901 | <b>Bottle-shaped</b>   | 5        |   |
| 5912 | <b>Turk's Turban.</b> Red striped.   | 5        |   |
| 5911 | <b>Pear-shaped.</b> Striped; very showy.   | 5        |   |
| 5902 | <b>Luffa.</b> Dish Rag, Sponge or Bonnet Gourd.  | 5        |   |
| 5907 | <b>Serpent.</b> Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length. | 5        |   |
| 5910 | <b>Fine Mixed.</b> Per oz., 40 cts.  | 5        |   |
| 5909 | <b>Imported Collection of 12 varieties.</b>  | 50       |   |



ORNAMENTAL GOURDS.

**GLOXINIA.**

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into small pots to grow through the summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring re-pot and water freely; will blossom second season. Stove perennial bulbs.

PER PKT.

- |      |  |    |
|------|--|----|
| 5862 | <b>Princess Maud.</b> A grand addition to this beautiful greenhouse plant. The throat of the faultless flowers shows a bright carmine darkening into a velvety purplish-violet towards the margin, the edge being pure white, minutely spotted with light blue. The effect is particularly rich. | 35 |
| 5861 | <b>Hybrida Erecta.</b> Erect large flowering varieties in splendid mixture.  | 25 |
| 5864 | <b>Punctata.</b> Tigred and spotted hybrids from a superb collection. (See cut.)   | 25 |
| 5870 | <b>Hybrida Mixed.</b> Erect and drooping flowers.  | 25 |

**GODETIA.**

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors; 1½ feet.

- |      |   |    |
|------|---|----|
| 5892 | <b>Gloriosa.</b> A new variety of dwarf compact growth, with large satiny brilliant blood-red flowers. Without doubt the richest colored of all Godetias, and produces a gorgeous effect in beds or borders. (See cut.) | 15 |
| 5886 | <b>Apple Blossom.</b> Rosy blush.   | 5  |
| 5888 | <b>Duchess of Albany.</b> Pure white.   | 5  |
| 5889 | <b>Fairy Queen.</b> Blush, spotted carmine.   | 5  |
| 5887 | <b>Lady Albemarle.</b> Large, crimson rose.   | 5  |
| 5891 | <b>The Bride.</b> White, carmine centre.  | 5  |
| 5890 | <b>Mixed.</b> All colors.   | 5  |

**GLADIOLUS.**

**Groff's Hybrid.**

- |       |   |
|-------|---|
| 5856. | The ease with which new varieties of this magnificent flower can be raised from seed should entitle this grand mixture to a trial. It has been saved from one of the finest collections, comprising over one thousand select named varieties of Childsi, Lemoinei, Nanceanus and Gandavensis hybrids, carefully hand-hybridized with a view to carrying the size, richness and variety of color, and substance of flower, as well as the strength of plant, up to the highest point, and the product may be expected to produce nothing but sorts of the highest merit. Per packet of 50 seeds, 25 cts. |
|-------|---|



GODETIA GLORIOSA.



GREVILLEA ROBUSTA.

GREVILLEA ROBUSTA.

(Silk Oak.)

PER PKT.

5882 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. (See cut.) 10

ORNAMENTAL GRASSES.

The Ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer, and for the use of the spikes or panicles in a dried state in winter bouquets.

For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

- 5803 **Eulalia Japonica Zebrina.** Light green barred with creamy-white. Variegation runs across the foliage. (See cut.) 10
- 5913 **Gynerium Argenteum** (*Pampas Grass*). White silvery plumes, half-hardy perennial, blooms the second season from seed. (See cut.) 5

- 5167 **Arundo Donax Variegata.** Long, graceful drooping leaves, variegated creamy-white and green; stems 10 feet high; fine for specimens on lawns or for massing; hardy perennial 10
- 5313 **Briza Maxima** (*Quaking Grass*). A beautiful variety, in great demand for ornamental work and grass bouquets; annual; 1 foot. 5
- 5316 **Bromus Brizæformis.** A graceful variety, with drooping panicles resembling the Briza Maxima; hardy perennial, flowering the first season. 5
- 5591 **Coix Lachrymæ** (*Job's Tears*). With broad, corn-like leaves and hard, shining, pearly seeds; annual; 2 feet. Per oz. 20 cts. 5
- 5782 **Erianthus Ravennæ.** Hardy perennial, exquisite plumes resembling the Pampas. Fine for lawns; flowers the first season if sown very early. 5
- 5802 **Eulalia Jap. Variegata.** Striped white and green 10
- 5988 **Lagurus Ovatus** (*Hare's Tail Grass*). Beautiful small white heads or spikes of bloom, excellent for bouquets; annual; 1 foot. 5
- 6263 **Pennisetum Ruppelianum.** Beautiful and graceful spikes of purple; whether for border decoration or for bouquets this is one of the best; 2½ feet. 10
- 6556 **Setaria Magna** (*Bristly Fox-tail Grass*). A handsome grass, growing 10 to 12 feet high, bearing dense spiked panicles 2 to 3 feet long. 5
- 6586 **Stipa Pennata** (*Feather Grass*). Hardy perennial, beautiful, delicate white, feathery bloom; flowering the second season from seed; 2 feet. 5
- 5919 **Collection of Grasses.** 12 varieties. 50



GYNERIUM ARGENTEUM.

- 5923 — **Oscar Wilde.** Beautiful golden-yellow, with jet-black centre; single; 4 feet. 5
- 5924 **Cucumerifolius** (*Miniature Sunflower*). Small-flowered dwarf. Single. Rich yellow. An abundant bloomer. (See cut.) 5



MINIATURE SUNFLOWER.

HELIANTHUS OR SUNFLOWER.

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annuals.

- 5920 **Helianthus Nanus Fl. Pl.** (*Globe of Gold*). Dwarf double-orange flowers; 4 feet. Per oz. 30 cts. 5
- 5922 — **Nanus Variegatis.** Bushy, pyramidal-shaped plants; variegated leaves; 4 feet 5
- 5921 — **Globosus Fistulosus** (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz. 40 cts. 5



EULALIA ZEBRINA.

5918 — — **"Stella"** (*Large Flowering Miniature Sunflower*). Additions to long-stemmed flowers for cutting are always welcome. This new Sunflower on that account should become a general favorite. It attains a height of 3 to 4 feet, and differs from the Helianthus Cucumerifolius, or Miniature Sunflower, by its larger and better formed flowers of the purest golden-yellow with black disc. The individual flowers are from 2½ to 3 inches across, and are borne on long stems well above the lively green foliage. Sown on a sunny spot, in April or May, flowers may be cut daily from the end of June until cut down by frost. Its regular growth and free-flowering habit make it useful for flower groups or as single specimens 10



DOUBLE GLOBE SUNFLOWER.

**HELICHRYSUM (Straw Flower).**

- 5930 **Monstrosum Fl. Pl.** One of the best of "Everlasting Flowers." Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; hardy annuals; 1½ ft. Mixed..... 5
- 5799 **Imported Collection.** 12 varieties..... 50

**HELIOPSIS PITCHERIANUS.**

- 5936 A desirable hardy herbaceous plant, growing from 2 to 3 feet high, a perpetual bloomer, 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 are very graceful for cutting..... 10

**HELIOTROPE.**

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

- 5938 **Lemoine's Giant.** Originated with the famous French hybridizer. Of robust growth and producing heads of flowers double the size of the old sort. (See cut.)..... 10
- 5940 **Mixed** ..... 5
- 5939 **Imported Collection** of 6 sorts..... 40

**HELIPTERUM SANFORDI.**

- 5942 A very pretty border annual of dwarf habit, bearing large globular clusters of bright golden-yellow everlasting flowers; 1 foot..... 5

**HEUCHERA SANGUINEA.**

- 5937 One of the finest of recent introductions among hardy perennials, and especially to be recommended for florists, its graceful flower spikes furnishing splendid material for bouquets. It is allied to the Saxifragas, and has a neat bushy habit. The flowers are of a rich bright crimson color; the leaves light green and slightly hairy. (See cut.)..... 15



HELIOTROPE. LEMOINE'S GIANT.

**HUMEA.**

A handsome decorative plant, either for pots or gardens, producing drooping pyramids of ruby-red, grass-like florets, having a peculiar yet delightful odor. It should be grown in light, rich soil; half-hardy biennial; 6 feet.

- 5957 **Humea Elegans**..... 10

**HIBISCUS.**

(Marsh-mallows.)

Showy ornamental plants, for mixed beds or shrubbery borders, having large-sized, varied and beautifully colored flowers.

- 5944 **Hibiscus Africanus.** Large, cream-colored flowers, with a brown centre; hardy annual; 1½ feet..... 5
- 5945 **Palustris.** Large pink flowers; hardy perennial; 3 feet..... 5
- 5947 **"Crimson Eye."**

Flowers of the largest size, pure white with a large

- spot of velvety crimson in the centre of each flower; hardy perennial; flowers the first year from seed if sown early. (See cut.)..... 10
- 5943 **Giant Yellow.** A shrubby perennial, cup-shaped flowers from 6 to 9 inches in diameter. The color is a rich deep cream with a velvety maroon centre. The plants commence to bloom early and continuously until cut down by frost. The seed should be started early in the greenhouse, frame or window, so that the plants may be well developed in time to set out in the border as soon as the weather is settled warm..... 10



HELICHRYSUM MONSTROSUM FL. PL.

**HONESTY OR MOONWORT.**

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

- 5953 **Honesty (Lunaria Biennis).** 2 feet..... 5

**HYACINTH BEAN.**

(Dolichos Lablab.)

A rapid-growing annual climber, flowering freely in clusters, followed by ornamental seed pods, for covering arbors, trellises, etc. Sow the seed in the garden in April or May, where they are to remain; 10 feet.

- 5770 **Dolichos Mixed.** Purple and white. Per oz. 15 cts..... 5



HIBISCUS CRIMSON EYE.



HEUCHERA SANGUINEA.

# HOLLYHOCK.

Few hardy plants combine as many good qualities, or lend themselves as readily to varied uses, as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among the shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. Seeds sown during the summer make strong blooming plants for the following year.



HUMULUS JAPONICUS  
VARIEGATUS.

PER PKT.

## 5954 Mammoth Fringed

**"Allegheny."** An entirely new departure which has much to commend it. The mammoth flowers are

wonderfully formed of loosely arranged fringed petals, which look as if made from the finest China silk, and when cut are hardly recognizable as a Hollyhock, having none of the formality of the ordinary type. The color varies from the palest shrimp-pink to deep red. The plants are of majestic growth, sending up spikes 6 to 7 feet high, and are of a strong constitution, not being troubled with the disease so prevalent among Hollyhocks. (See cut.)

5946 **Double White.** Extra fine strain. Per oz. \$1.00..... 10

5948 **Double Yellow**..... 10

5951 **Double Bright Red**..... 10

5952 **Double Bright Pink**... 10

5956 **Double Maroon**..... 10

5955 **Double Sulphur**..... 10

950 **Extra Choice Double Mixed.** Per oz. \$1.00..... 10

5949 **Imported Collection of 12 varieties**..... 75

5959 **Imported Collection of 6 varieties**..... 40

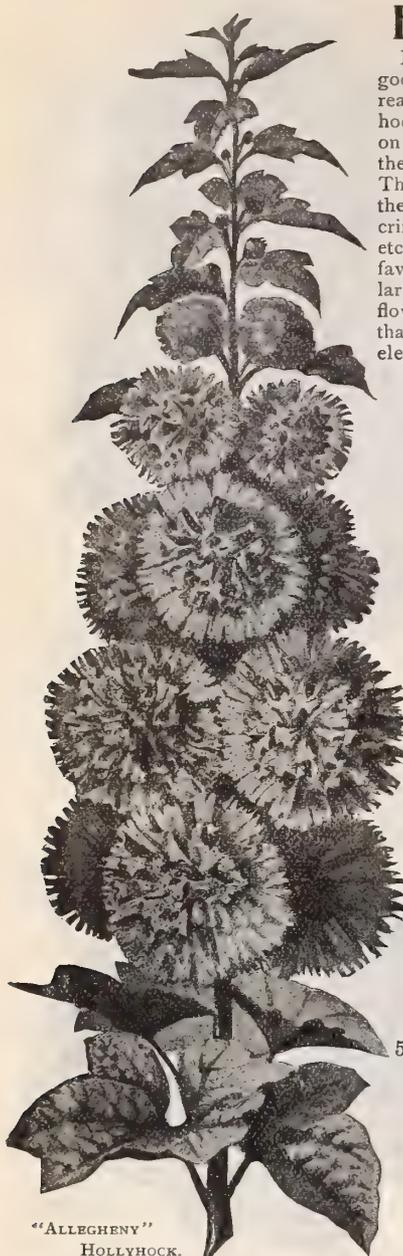
## HUMULUS (Japanese Hop).

5958 **Japonicus.** A very ornamental and fast-growing climbing plant. The

foliage resembles in shape that of the common Hop, is very dense, and in color a lively green....

## 5960 Japonicus Variiegatus.

A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marbled and splashed with silvery-white, yellowish-white and light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved



"ALLEGHENY"  
HOLLYHOCK.

variety, it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in the autumn. (See cut.)..... 10

## GIANT YELLOW TULIP POPPY.

(*Hunnemannia Fumariaefolia*.)

5935 In our trial grounds the past season this was one of the showiest and most satisfactory plants in over four hundred trials. The seed was sown early in May, and by the middle of July the plants were covered with their large buttercup-yellow poppy-like blossoms, and they were never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. (See cut.)..... 10

## ICE PLANT.

(See *Mesembryanthemum*, page 78.)

## IRIS, FLEUR-DE-LIS.

5982 Hardy perennial, tuberous-rooted, early spring blooming garden plant, growing about 2 feet high, with large ornamental flowers of the richest colors. Mixed varieties..... 10

GIANT YELLOW TULIP POPPY.



## Imperial Japanese Ipomœas or Emperor Morning Glories.

Wherever climbers can be grown these should have a prominent place. They are beyond question the handsomest of a handsome family, and well deserve their title of "Imperial" or "Emperor" Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, being of strong rapid growth, and even before flowering are decidedly novel and interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size, of good substance, remaining open the greater part of the day. The colorings are beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades, such as pink, rose, fiery-red, copper-red, carmine, crimson, pale-blue, deep-blue, royal-purple, maroon, indigo, bronze, slate, brown, cherry, ash-gray, etc., others are edged with white, having throats of one of the above colors, while in others this is reversed, the throats being white and the edging of color; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. We offer the following collection of distinct and desirable colors (see cut):

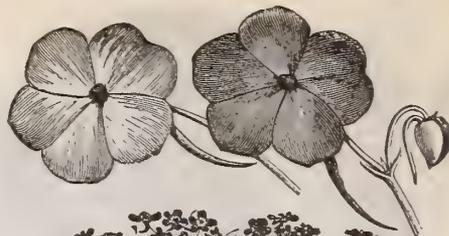
|   | PER PKT. |
|---|----------|
| 5974 <b>Aurata, or Golden Leaved.</b> Foliage golden-yellow; flowers of blue, lilac and rose.....   | 10       |
| 5975 <b>Ceres.</b> Crimson with a clear band or edging of pure white, the throat flamed with red....  | 10       |
| 5969 <b>Adonis.</b> Light purple edge with snow-white throat.....   | 10       |
| 5972 <b>Antigone.</b> Cornflower blue with rose-colored throat.....   | 10       |
| 5978 <b>Euphrosyne.</b> Snow-white with deep rose-colored throat.....   | 10       |
| 5981 <b>Thalia.</b> Pure glistening white.....  | 10       |
| 5977 <b>Collata.</b> Flowers in a large variety of colors, most of them being crimped and ruffled, giving them the appearance of double flowers.....  | 15       |
| 5971 <b>Aglaja.</b> Brilliant crimson with white throat.....  | 10       |
| 5973 <b>Asteria.</b> Coppery-red with white throat.....   | 10       |
| 5979 <b>Collection</b> of one packet each of the above nine sorts for.....  | 75       |
| 5965 <b>Mixed Varieties</b> saved from a collection of all the named varieties will, we feel sure, produce results which will more than equal our description of this wonderful plant. 10 cts. per packet; 3 packets for 25 cts.                                  |          |
| 5961 <b>Ipomœa Coccinea.</b> Small scarlet flowers in profusion; also known as the " <i>Star Ipomœa</i> ".....  | 5        |
| 5963 — <b>Bona Nox (Evening Glory).</b> Violet, large, fragrant flowers, expanding in the evening.....  | 5        |
| 5964 — <b>Rubro-cœrulea (Heavenly Blue).</b> Immense flowers of bright sky-blue, very beautiful.....  | 10       |
| 5967 — <b>Grandiflora (Moon Flower).</b> At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface. Per oz. 75 cts.....      | 10       |
| 5966 — <b>Huberi.</b> Some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors.....  | 10       |
| 5962 — <b>Setosa (Brazilian Morning Glory).</b> Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July to frost. As a quick-growing vine it has no equal, covering an enormous space in a few weeks' time..... | 10       |
| 5970 <b>Mixed.</b> All colors. Per oz. 25 cts.....  | 5        |



MOONFLOWER.

# IMPATIENS.

Charming plants for the decoration of the greenhouse or dinner table, producing their bright waxy-looking flowers profusely and almost continuously. The young seedlings should be repotted when about an inch high and very carefully handled, as they are exceedingly brittle at the outset. PER PKT.  
 5984 **Impatiens Sultani.** Flowers of a brilliant rosy-scarlet color 15  
 5985 — **Hybrida.** Remarkably beautiful hybrids of this much-admired plant in varying shades of color, from delicate pink to the deepest red. (See cut.)..... 25



## JACOBÆA (Senecio).

6550 **Elegans Fl. Pl.** A showy free-flowering hardy annual. It produces in great profusion branching spikes of bright Cineraria-like double flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in cool greenhouse. Excellent for bouquets. (See cut.) Mixed colors..... 5

## KENILWORTH IVY (Linaria).

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

6015 **Linaria Cymbalaria.** Lavender and purple..... 10  
 6016 — **Alba.** Very pretty new variety of the trailing "Kenilworth Ivy," differing from the original species by its light-green, glossy foliage and its pure white flowers. It is of vigorous growth, and may either be cultivated as an annual or as a perennial..... 15

## LAVENDER (Lavendula Spica).

6013 Well-known sweet-scented hardy perennial; should be extensively grown in the mixed border; 3 feet..... 5

## LAVIA ELEGANS.

5992 A pretty and attractive little hardy annual that ought to be more generally grown, if only for cut-flower purposes. The rays of the flower-heads are bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another closely all around. A bed or mass of this annual produces a fine effect, owing to the quantity of bloom. . . 5



JACOBÆA ELEGANS.

## LANTANA.

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 5 feet. (See cut.)  
 5990 **Lantana, Mixed**.... 10



LANTANA

IMPATIENS SULTANI HYBRIDA.

## LARKSPUR.

This is one of the best known of garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in size and color of the blossoms and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted. Hardy annuals.

For Perennial Larkspurs, see *Delphinium*, page 69.

- PER PKT.  
 5710 **Larkspur, Dwarf Rocket.** Finest double mixed; 1 foot. Per oz. 30 cts..... 5  
 5713 — **Double Dwarf Candelabra Flowered.** Shaped like a candelabra; mixed colors; 1 foot..... 10  
 5711 — **Double Stock Flowered.** A tall-branching variety, with beautiful long spikes of flowers; 2 feet. (See cut.)..... 5  
 5716 — **Emperor (Imperiale Fl. Pl.).** Of symmetrical bushy habit, with a profusion of brilliant dark-blue, red-striped and tri-colored flowers..... 5  
 5709 **Imported Collection** of Dwarf Rocket Larkspur; 10 varieties 40  
 5719 **Imported Collection** of Stock Flowered Larkspur; 8 varieties 40

## LATHYRUS.

(Everlasting, or Hardy Sweet Pea.)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom; fine for cutting.  
 6010 **Latifolius, Mixed.** Flowers purple and white. Per oz. 60 cts..... 5  
 6008 **Latifolius Albus.** Pure white, very desirable..... 10  
 6009 **Splendens.** "The Pride of California." This gorgeous climber is one of the handsomest that can be imagined, well worthy its popular name; produces throughout the season large bunches of brilliant rosy-red blossoms; not entirely hardy, and should be protected through the winter with a liberal covering of straw or litter; or, better still, wintered over in a cold frame or cellar. 10



STOCK FLOWERED LARKSPUR.

# LOBELIA.

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers.



LOBELIA, CRYSTAL PALACE COMPACTA.

## LINUM.

One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems.

- |   |          |
|---|----------|
|   | PER PKT. |
| 6017 <b>Linum Coccineum</b><br>(Scarlet Flax). Brilliant scarlet crimson; hardy annual; 1 ft. | 5        |
| 6018 — <b>Flavum.</b> Golden-yellow; perennial.....   | 5        |



## LOPHOSPERMUM.

Highly ornamental annual climber, with showy foxglove-like flowers; 10 feet.  
6035 **Lophospermum Scandens.** Rosy purple..... 10

## LUPINUS.

Ornamental free-flowering easily-grown garden plants, with long, graceful spikes of rich and various-colored pea-shaped flowers; valuable for mixed flower borders and beds.  
6037 **Lupinus. Mixed Annual.** All colors of annual varieties; 2 feet. Per oz. 25 cts. .... 5



LOBELIA CARDINALIS HYBRIDS.

## LYCHNIS.

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.  
6042 **Lychnis Chalcedonica Coccinea.** Fine scarlet flowers; 2 feet. .... 5  
6040 — **Haageana, Mixed.** Brilliant orange, scarlet, crimson, etc.; 1 foot. (See cut.) ..... 5



MAURANDIA.

## MAURANDIA.

Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet. (See cut.)

- |  |    |
|--|----|
| 6085 <b>Maurandia Albiflora.</b><br>Pure white ..... | 10 |
| 6086 — <b>Barclayana.</b> Purple .....               | 10 |
| 6087 — <b>Rosea.</b> Dark rose... ..                 | 10 |
| 6090 — <b>Mixed.</b> All colors... ..                | 5  |



LYCHNIS HAAGEANA.

## COMPACTA VARIETIES.

- |   |                |          |
|---|----------------|----------|
|   | 4 to 6 inches. | PER PKT. |
| 6023 <b>Crystal Palace Compacta.</b> Rich deep blue; the finest for bedding. (See cut.).....  |                | 10       |
| 6020 <b>Barnard's Perpetual.</b> Without doubt the finest Lobelia yet introduced. The flowers are of the most brilliant ultramarine blue, strikingly marked with a pure white blotch at the base of each of the two lower petals..... |                | 10       |
| 6032 <b>Prima Donna.</b> Dwarf and compact, white rich velvety crimson maroon flowers.....  |                | 10       |
| 6021 <b>White Gem.</b> Forms a perfect ball of snow-white flowers; very charming appearance.....  |                | 10       |
| 6024 <b>Emperor William.</b> A very compact variety, with fine sky-blue flowers.....  |                | 10       |
| 6026 <b>Golden Queen.</b> Golden-yellow leaves and brilliant blue flowers. A most striking contrast.....  |                | 10       |
| 6029 <b>Pearl.</b> Pure white-edged blue, a lovely flower.....  |                | 10       |
| 6030 <b>Mixed Compacta Varieties</b> .....  |                | 10       |

## ERINUS, or TRAILING VARIETIES.

Trailing varieties suitable for hanging-baskets, vases, etc.; 6 to 10 inches.  
PER PKT.  
6022 **Speciosa.** Ultramarine blue..... 5  
6034 **Gracilis.** Light blue, spreading..... 5  
6033 **Paxtoniana.** Pure white with blue edge..... 5  
6027 **Duplex.** Double blue... 10

## LOBELIA, PERENNIAL VARIETIES.

6028 **Cardinalis (Cardinal Flower).** A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet..... 10  
6031 **Cardinalis Hybrids.** Flowers large and resemble Cardinalis, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet. (See cut.)..... 15



MARIGOLD EL DORADO.

**MARVEL OF PERU.**

The well-known "Four O'clocks." A handsome, free-flowering garden favorite; half-hardy perennial; blooming the first season from seed. (See cut.)

6080 **Marvel of Peru Mixed.** Beautiful colors; 2 feet. Per oz. 15 cts. . . . . 5

**MATRICARIA.**

Free-flowering hardy plants, succeeding in any garden-soil; a fine bedding plant or for pot culture; blooms until frost; hardy annual; 18 inches.

5833 **Matricaria Capensis Alba Plena** (Double White Feverfew). Handsome double white flowers. . . . . 10

**MESEMBRYANTHEMUM.**

Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy or sandy soil, requiring a warm, sunny situation; half-hardy annuals; 6 inches.

6092 **Mesembryanthemum Crystallinum** (Ice Plant). Flowers white; prized for its singular icy foliage. Per oz. 50 cts. . . . . 5  
 6093 — **Tricolor.** (Wax Plant). Various colors. . . . . 5  
 6094 — **Cordifolium Variegatum.** A half-hardy perennial trailing variety, with handsome variegated foliage and bright rosy-colored flowers. . . . . 10



MARVEL OF PERU.

**MARIGOLD.**

The African and French Marigolds are old favorites, free-flowering annuals of easy culture; both are extremely effective. The former have uniformly large yellow or orange-colored flowers, and are well adapted for large beds or mixed borders; the latter are dwarfer in growth, with beautifully striped flowers, and better suited for bedding purposes or for pot culture; they succeed best in a light soil with full exposure to the sun; half-hardy annuals. See also Calendula and Tagetes.

**AFRICAN VARIETIES.**

6061 **Pride of the Garden.** Immense flowers, densely double. Color, golden-yellow. A feature of this variety is the compact, dwarf habit of the plant, which forms dense bushes 15 to 18 inches high. . . . . 10  
 6058 **El Dorado.** Flowers very large, imbricated and extremely double. Colors in all shades of yellow. (See cut.) . . . . . 10  
 6062 **Gold Nugget.** Dwarf dense growth and immense double flowers, of a peculiar shade of golden-yellow. . . . . 10  
 6060 **Large African.** Tall, double, orange, brown and yellow, mixed; 2 feet. Per oz. 40 cts. . . . . 5  
 6069 **Imported Collection** of double African, 6 varieties. . . . . 25



MARIGOLD, LEGION D'HONNEUR.

**FRENCH VARIETIES.**

6057 **Gold Striped.** Very double dwarf, deep brownish-red, striped golden-yellow . . . . . 10  
 6070 **Dwarf French.** Fine colors, mixed; very double; 1 foot. Per oz. 50 cts. . . . . 5  
 6056 **Legion d'Honneur** ("Little Brownie"). A single-flowering Marigold, forming compact bushes 6 inches high. Begins flowering extremely early, commencing in June. The flowers are golden-yellow, marked with a large spot of crimson velvet. (See cut.) . . . . . 10  
 6059 **Imported Collection** of Double French Marigolds, 6 varieties. . . . . 25

**MINA.**

6115 **Lobata.** Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange-yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February. . . . . 10  
 5968 **Sanguinea.** A beautiful and rapid-growing climber; much finer than the Mina Lobata, producing innumerable brilliant blood-red flowers; decidedly one of the best climbers recently introduced. (See cut.) . . . . . 5  
 See also Ipomoeas, page 75.



MINA SANGUINEA.

**MIMOSA.**

(Sensitive Plant.)

Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken.

6555 **Mimosa Pudica.** 1½ feet. Oz. 50 cts. . . . . 5

**MIGNONETTE** (*Reseda*).

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce large spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals. PER PKT.

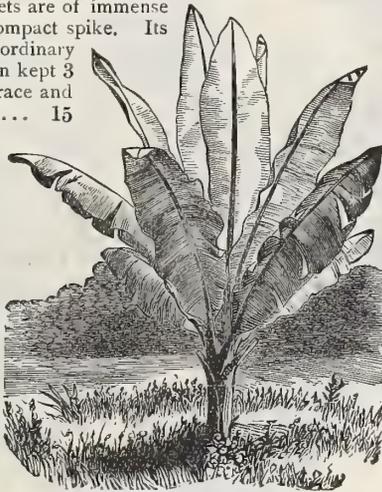
- 6100 **Mignonette Sweet-Scented** (*Reseda Odorata*). The old variety with small spikes. Per oz. 15 cts. . . . . 5
- 6101 — **Large-Flowering Pyramidal**. Flowers large, of a reddish tint. Per oz. 30 cts. . . . . 5
- 6098 — **Gabrielle**. A very pretty sort, large spikes of red flowers. . . . . 10
- 6106 — **Golden Queen**. Golden-yellow flowers of dense pyramidal growth. Per oz. 50 cts. . . . . 5
- 6102 — **Parson's White**. Large spikes, pure white and very fragrant. Per oz. 50 cts. . . . . 5
- 6105 — **Miles' Hybrid Spiral**. Of dwarf branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes. Per oz. 50 cts. . . . . 5
- 6103 — **Dwarf Compact**. A dwarf robust variety, 10 inches high and 18 inches in diameter, large spikes of reddish-tinted flowers. . . . . 10
- 6108 — **"Machet."** Well adapted for pot culture; dwarf pyramidal growth bearing numerous flower stalks; one of the best. (See cut.) Per oz. 75 cts. . . . . 10
- 6107 **Golden Machet**. Distinct new variety of the well-known Machet, of the same compact and robust habit, but differing from the type by its massive spikes of golden-yellow blossoms. . . . . 10
- 6104 **"Defiance."** When grown under favorable conditions and with proper care, spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant, much more so than any other variety. The individual florets are of immense size, forming a graceful as well as compact spike. Its great strength is accompanied by extraordinary keeping qualities; the spikes have been kept 3 weeks after cutting, retaining their grace and fragrance until every bud opens. . . . . 15

- 6110 — **Improved Red Victoria**. A charming compact variety, growing about six inches high. The flowers are large and of a more brilliant red than in the old Victoria Mignonette. A most useful and desirable variety. . . . . 5
- 6109 **Collection** of 10 varieties of Mignonette. . . . . 50

**MUSA ENSETE.**

(Abyssinian Banana.)

- 6131 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summer it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 ft. (See cut.) 25



MUSA ENSETE.



MACHET MIGNONETTE.

**MIMULUS.**

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink, fine for greenhouse or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early; 1 foot. PER PKT.

- 6111 **Mimulus Tigrinus** (*Monkey Flower*). Fine mixed spotted varieties. . . . . 5
- 6113 — **Moschatus** (*Musk Plant*). Fine for hanging-baskets, etc.; small yellow flowers, fragrant foliage. . . . . 5

**MOMORDICA.**

Very curious climbing vines, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens showing the seed and its brilliant carmine interior; fine for trellises, rock-work, stumps, etc.; annual; 10 ft. PER PKT.

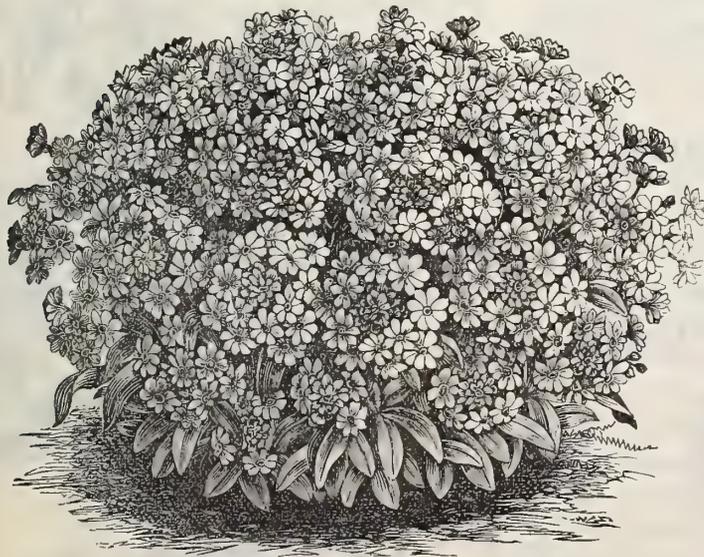
- 6116 **Balsamina** (*Balsam Apple*). Apple-shaped fruit. Per oz. 50 cts. . . . . 5
- 6117 **Charantia** (*Balsam Pear*). Pear-shaped fruit. Per oz. 50 cts. . . . . 5

**MYOSOTIS.**

(Forget-Me-Not.)

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early. PER PKT.

- 6121 **Myosotis Alpestris Cœrulea**. Bright blue; 6 inches. . . . . 5
- 6122 — — **Alba**. Pure white; 6 inches. . . . . 5
- 6127 — — **Eliza Fonrobert**. New, large flowering, bright blue; remarkably fine and distinct. . . . . 5
- 6128 — — **Victoria**. Of bushy habit, bearing large bright azure-blue flowers; very fine. (See cut.) . . . . . 10
- 6130 — — **Nana Aurea**. Of dwarf habit, foliage golden-yellow, which contrasts prettily with its rich blue flowers. . . . . 10
- 6125 — — **Dissitiflora**. Compact habit, profuse bloomer; exquisite blue; an attractive spring bedding plant; 6 inches. . . . . 10
- 6123 — — **Palustris**. The true Forget-Me-Not; beautiful blue flowers; 6 inches. . . . . 10
- 6126 — — **Semperflorens**. A charming dwarf Forget-Me-Not, continuing in bloom from early spring until autumn; blue; 8 inches. . . . . 10



MYOSOTIS VICTORIA.



## Dreer's Nasturtiums.

### DWARF, OR TOM THUMB VARIETIES.

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. 1 foot.

|  | PER OZ. | PKT. |
|--|---------|------|
| 6144 <b>Aurora.</b> Primrose to pale pink and carmine.....         | 25      | 5    |
| 6136 <b>Beauty.</b> Yellow-striped red.....                        | 25      | 5    |
| 6154 <b>Cloth of Gold.</b> Scarlet flowers and yellow foliage..... | 25      | 5    |
| 6146 <b>Crystal Palace Gem.</b> Sulphur, maroon spot.....          | 25      | 5    |
| 6153 <b>Empress of India.</b> Dark-leaved with crimson flower..... | 25      | 5    |
| 6142 <b>Golden King.</b> Brilliant yellow.....                     | 25      | 5    |
| 6147 <b>King of Tom Thumbs.</b> Scarlet, dark foliage.....         | 25      | 5    |
| 6152 <b>King Theodore.</b> Dark maroon, bluish-green foliage..     | 25      | 5    |
| 6155 <b>Lady Bird.</b> Orange yellow, red spots.....               | 25      | 5    |

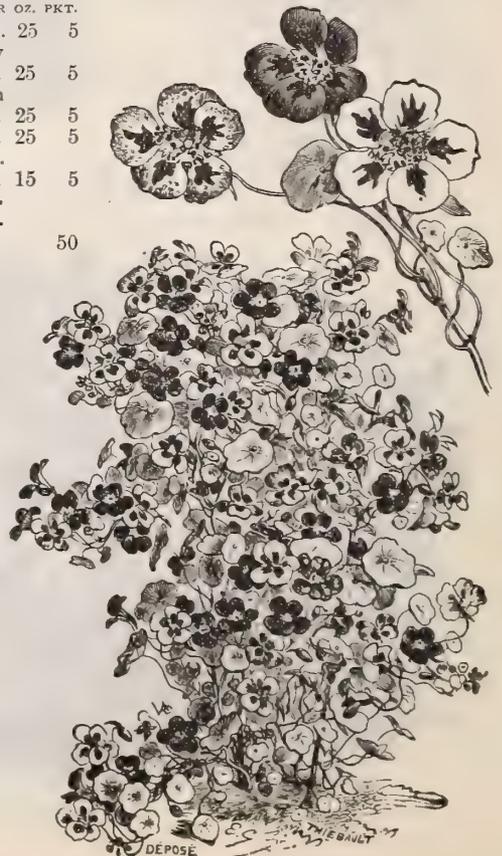
|   | PER OZ. | PKT. |
|---|---------|------|
| 6143 <b>Pearl.</b> Creamy white....                                     | 25      | 5    |
| 6145 <b>Rose.</b> Soft rose, very distinct.....                         | 25      | 5    |
| 6151 <b>Ruby King.</b> Crimson rose.....                                | 25      | 5    |
| 6148 <b>Terra-Cotta.</b> .....  | 25      | 5    |
| 6150 <b>Dwarf Mixed.</b> $\frac{1}{4}$ lb. 40 cts.....                  | 15      | 5    |
| 6149 <b>Imported Collection</b> of Dwarf Nasturtiums, 12 varieties..... | 50      |      |

6140 **Liliput or Miniature.** This is a dwarf compact form of the well-known *Tropaeolum Lobbianum*. It forms small dense bushes which are fairly hidden by flowers, the colors of which are very varied, many being new and beautiful shades..... 30 10

### TALL, OR CLIMBING VARIETIES.

Elegant and luxuriant climbers for verandas, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet.

|   | PER OZ. | PKT. |  | PER OZ. | PKT. |
|---|---------|------|--|---------|------|
| 6156 <b>Crimson</b> .....   | 20      | 5    | 6163 <b>Straw.</b> Striped scarlet.....                            | 20      | 5    |
| 6158 <b>Chocolate</b> .....   | 20      | 5    | 6169 <b>Scarlet and Gold.</b> Foliage yellow; flowers scarlet..... | 25      | 5    |
| 6157 <b>King Theodore.</b> Dark maroon.....   | 25      | 5    | 6161 <b>Purple</b> .....   | 20      | 5    |
| 6166 <b>Rose</b> .....  | 20      | 5    | 6162 <b>Orange</b> .....   | 20      | 5    |
| 6167 <b>Scarlet</b> .....   | 20      | 5    | 6164 <b>Pearl.</b> White.....                                      | 25      | 5    |
| 6175 <b>Lemon Yellow</b> .....  | 20      | 5    | 6177 <b>Vesuvius.</b> Brilliant fiery rose.....                    | 50      | 10   |
| 6168 <b>Yellow.</b> Spotted crimson.....  | 20      | 5    |  |         |      |
| 6160 <b>Tall Mixed.</b> $\frac{1}{4}$ lb., 40 cts.....  |         |      |  | 15      | 5    |
| 6159 <b>Imported Collection</b> of Climbing Nasturtiums, 12 varieties.....  |         |      |  | 50      |      |
| 6177 <b>Hybrids of Madame Gunter.</b> A decided advance over the old types. Contains many novel colors. Strong growers and very free flowering..... |         |      |  | 25      | 10   |



**NEMESIA.**

PER PKT.

6182 **Strumosa Suttoni.** This charming plant is undoubtedly one of the most beautiful annuals that has been introduced into cultivation for some years past. It is remarkable for its free-flowering character, long duration in bloom and astonishing diversity in the color of its flowers. If raised under glass in March and transferred to the open ground in May, the plants begin to show their beauty in June and continue in flower till the end of September ..... 25



NIGELLA DAMASCENA.

**NELUMBUM.**

See Seeds of Water Lilies, page 103.

**NEMOPHILA.**

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals.

6180 **Nemophila Insignis Mixed.** Beautiful mixed varieties. Per oz. 25 cts ..... 5

**NICOTIANA.**

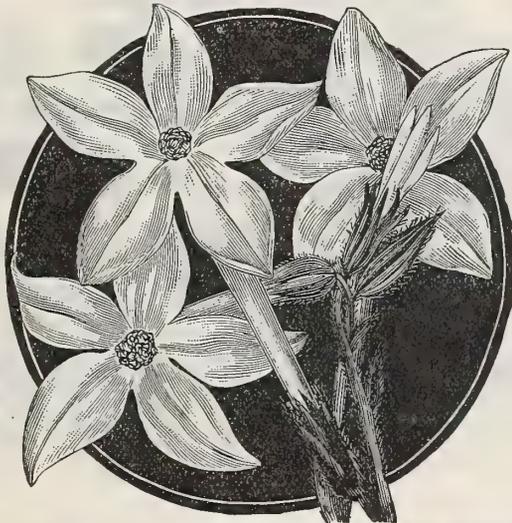
6192 **Nicotiana Affinis.** Delightfully sweet-scented, pure white tubular flowers, blooming continually; annuals; 2 to 3 feet. (See cut.) ..... 5

6193 **Colossea.** New gigantic foliage plant. .... 15

**NIEREMBERGIA.**

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

6195 **Nierembergia frutescens.** White, tinted with lilac. .... 10



NICOTIANA AFFINIS.

**NIGELLA.**

(Love in the Mist, or Devil in the Bush.)

A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot.

6200 **Nigella Damascena.** Blue and white mixed. (See cut.) .... 5

**PASSIFLORA.**

(Passion Flower.)

Indispensable climbing plants, for the garden or greenhouse, bearing a profusion of attractive flowers.

6250 **Passiflora Mixed.** Choice varieties. .... 15

6248 — **Insignis (Tacsonia).** Remarkable for its magnificent flowers, which measure from 6 to 8 inches across; color crimson-purple; filaments blue mottled with white ..... 25



PENTSTEMON GLOXINIODES.

**NYMPHÆA.**

See Seeds of Water Lilies, page 103.

**OXALIS.**

Beautiful small plants, suitable for the greenhouse, rock-work, or out-door culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

6206 **Oxalis Alba.** White 10

6207 — **Rosea.** Rose-colored. .... 10

6208 — **Tropæoloides.** Very desirable border plant; flowers deep yellow; foliage dark-brown. (See cut.) ..... 10

6209 — **Valdiviana.** Pure yellow ..... 10

**PARDANTHUS.**

(Blackberry Lily)

A hardy perennial, bearing showy lily-like flower.

6254 **Siensis.** Yellow, red and orange-spotted. .... 5

**PENTSTEMON.**

One of our most beautiful and

attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early in March, and planted out in May; half-hardy perennials; 2 feet.

6260 **Pentstemon, Mixed.** Crimson-purple, etc. .... 10

6261 **Gloxinioides (Annual Pentstemon).** A new variety of unusual merit. Not only are they distinct as an annual, but, in point of size of flower, individual flowers measuring 2 inches across, variety and brilliancy of color and profusion of bloom, it altogether eclipses the perennial form. It has been named because of the resemblance of the individual flowers to Gloxinias in their substance, form and variety of coloring. Sown early they come into flower in July and continue a blaze until frost. (See cut.) 10

**PERILLA.**

The foliage of this plant is exceedingly elegant, of a very dark purple color, and produces a charming contrast with silvery-leaved plants; growing freely in any soil; half-hardy annual; 1½ feet.

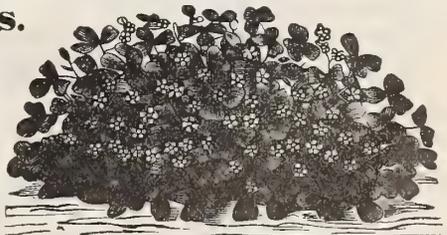
6265 **Perilla Nankinensis.** ..... 5

**PHYSIANTHUS.**

(Cruel Plant.)

A rapid-growing climber, bearing bell-shaped flowers which are covered with a gummy substance. Butterflies and other insects which alight thereon are unable to free themselves.

6358 **Physianthus Albans.** Pure white. .... 10



OXALIS TROPÆOLIODES.

# PANSIES



BUGNOT'S SUPERE PANSY.



## GIANT TRIMARDEAU VARIETIES.

The largest flowering of all Pansies; robust growers; good range of colors. (See cut.)

|                            | PER PKT. |
|----------------------------|----------|
| 6244 <b>Giant, Striped</b> | 25       |
| 6255 — <b>Black</b>        | 25       |
| 6257 — <b>White</b>        | 25       |
| 6256 — <b>Yellow</b>       | 25       |
| 6219 — <b>Mixed</b>        | 15       |



This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border. Pansies require fresh soil enriched with decomposed manure.

**6238 Dreer's Royal Exhibition.** This strain comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom, and elegance of coloring. It is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. (See cut.)  $\frac{1}{8}$  oz. \$1.00... 50

**6220 Dreer's Premium.** Seed saved from first-class flowers only; beautiful colors mixed.  $\frac{1}{8}$  oz. 75 cts. .... 25

**6222 Odier (Five-blotched).** A beautiful strain of various colored, large, perfectly formed flowers.  $\frac{1}{8}$  oz. \$1.00..... 25

**6217 French Large Stained.** Very beautifully marked varieties in finest mixture from a celebrated grower. .... 25

**6216 Bugnot's Superb Blotched.** A beautiful new class with extra large flowers in great diversity of colors. (See cut.)..... 50

**6230 English Finest Mixed.** Per oz. \$3.00. .... 10

**6240 Good Mixed.** All colors. Per oz. \$1.50. .... 5



DREER'S ROYAL EXHIBITION PANSY.



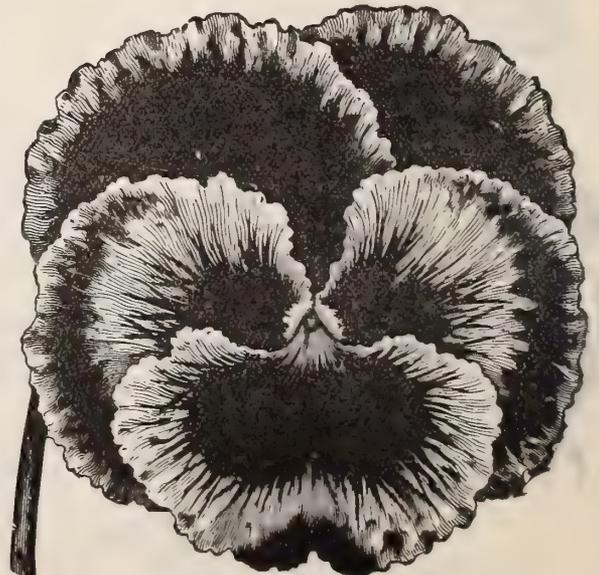
## IMPORTED COLLECTIONS OF PANSIES

|                        |    |
|------------------------|----|
| 6249 Six varieties     | 40 |
| 6239 Twelve varieties, | 75 |



## PANSIES IN SEPARATE COLORS.

|  | PER PKT. |
|--|----------|
| 6242 <b>Belgian Striped.</b> A lovely class, bearing beautiful flowers of various shades and stripes....   | 10       |
| 6243 <b>Bronze Colored.</b> .....  | 10       |
| 6221 <b>Emperor William.</b> Brilliant ultramarine blue, with a purple-violet eye.....   | 10       |
| 6228 <b>Faust (King of the Blacks).</b> Almost black; the darkest Pansy known.....   | 10       |
| 6234 <b>Fiery Faces.</b> A particularly bright and showy sort, rich crimson-scarlet with golden margin, the three lower petals regularly marked with large velvety black-purple spots..... | 20       |
| 6233 <b>Gold Margined</b> .....  | 10       |
| 6226 <b>Golden-Yellow.</b> .....   | 10       |
| 6236 <b>Havana Brown.</b> .....  | 10       |
| 6225 <b>Light Blue</b> .....   | 10       |
| 6231 <b>Lord Beaconsfield.</b> Deep purple-violet, shading to white on the upper petals.....   | 10       |
| 6232 <b>Mahogany Colored</b> .....   | 10       |
| 6218 <b>Peacock.</b> A striking variety; the upper petals being of a beautiful ultramarine blue, while the lateral and lower are of a deep claret, with white margins.....                 | 15       |
| 6224 <b>Purple.</b> Rich purple, white edged.....  | 10       |
| 6228 <b>Snow Queen (Candidissima).</b> Very large, satiny white, light yellow centre.....  | 10       |
| 6229 <b>Victoria.</b> A very effective variety, with rich velvet-like petals of a bright claret color, the nearest approach to a scarlet in pansies.....                                   | 15       |
| 6227 <b>White</b> .....  | 10       |
| 6241 <b>Yellow Gem.</b> Pure yellow, without eye.....  | 10       |



GIANT TRIMARDEAU PANSY.

# PETUNIA.

(See colored illustration of our Superb Double Fringed varieties on back cover.)

For out-door decoration or house culture few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a rich soil and a sunny position.

We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization. The past season we tested samples received from the leading Petunia specialists of the world, and we can safely say without fear of contradiction that *our own strain is the best that can be procured from any source.*

## DOUBLE VARIETIES.

NOTE.—It is well known that the double Petunia grown from seed produces but a small percentage of double flowers; the balance in single flowers of the same rich shade. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.

|  | PER PKT. |
|--|----------|
| 6284 Dreer's Double Large Flowering. Beautiful varieties in mixture.....   | 25       |
| 6280 Dreer's Superb Double Fringed. Saved from our own unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints (see colored illustration on back cover)..... | 50       |
| 6309 Imported Collection of Double Fringed, 6 varieties.....   | 75       |

## SINGLE VARIETIES.

|   | PER PKT. |
|---|----------|
| 6290 Dreer's Single Large Flowering Fringed. Our own saving from finest flowers of very large size and beautiful shape, deep throated, and of varied and brilliant colors, and beautifully fringed.....   | 25       |
| 6285 Giants of California. Flowers very large, in great variety of colors and markings, with broad, deep yellow throats, veined.....  | 25       |
| 6276 Ruffled Giants. This new race is the result of years of careful hybridizing and selection by one of the foremost Petunia specialists. The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the deeper fringing and fluting, giving the appearance as if artificially ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the inter- |          |



DREER'S SUPERB DOUBLE FRINGED PETUNIA.

|   |    |
|---|----|
| mediate shades, which combined with the ruffling make the flowers truly superb.....   | 25 |
| 6286 Clematis-Flowered. A distinct form of this popular flower, the rich purple-blue of one of the varieties bearing a striking resemblance to the Clematis Jackmanii. Dark and light blue mixed..... | 25 |
| 6275 Dwarf Inimitable. "Star Petunia," compact growing variety, flowers cherry-red with a white centre  | 10 |
| 6274 Pure White. Desirable for cemetery beds, or where large masses of white are wanted.....  | 10 |
| 6300 Striped and Blotched, Mixed. All colors. Per oz. \$1.00.....   | 10 |
| 6310 Fine Mixed. Per oz. 75 cts.....  | 5  |
| 6299 Imported Collection of Petunia, Large Flowering Single, 6 varieties.....   | 50 |

Plants of both Double and Single Petunia will be found offered on page 129.

## PLATYCODON.

(Wahlenbergia.)

Hardy perennials, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

|  |    |
|--|----|
| 6360 Platycodon, Mixed. Blue and white.....  | 10 |
| 6361 — Mariesi. Large, open, bell-shaped flowers of a rich violet blue, beautiful, plant dwarf and compact.....  | 10 |
| 6357 — Japonicus (Double Japanese Bell Flower). This new variety is a valuable addition to the list of hardy plants, of stronger and bushier growth than the well-known Grandiflorum, wonderfully free-flowering, every branch being covered with large glossy deep-blue flowers, which average 2½ inches across. The inner petals alternate with the outer ones, giving the flower the appearance of a twelve-pointed blue star. This should find a place in every collection of hardy herbaceous plants. (See cut.)..... | 15 |

## POLYANTHUS.

(Primula Elatior.)

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

|   |    |
|---|----|
| 6362 Polyanthus, English. The best single, all colors mixed.... | 5  |
| 6363 — Duplex. Double hose-in-hose, beautiful colors mixed..... | 25 |
| 6364 — Gold Laced. Very showy and attractive.....               | 15 |



PLATYCODON JAPONICUS.

# PHLOX DRUMMONDI.

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom and length of duration in bloom. It is one of our finest annuals, and, whether in beds, clumps or masses, looks equally beautiful.

6330 **Phlox Drummondii, Mixed Colors.** Per oz. 50 cts. . . . . 5

## GRANDIFLORA VARIETIES.

(Large Flowering.)

- 6331 **Pure White.** . . . . . 10
- 6332 **Brilliant Scarlet.** . . . . . 10
- 6333 **Blood Red** . . . . . 10
- 6334 **Rosy Carmine.** . . . . . 10
- 6336 **Crimson, Striped White** . . . . . 10
- 6337 **Crimson, White Eye.** . . . . . 10
- 6338 **Yellow.** . . . . . 10
- 6340 **Mixed Large Flowering.** (See cut.) Per oz. 75 cts. . . 10
- 6349 **Imported Collection of 12 choice varieties** . . . . . 75



PHLOX DRUMMONDI GRANDIFLORA.

## DWARF OF NANA COMPACTA PHLOX.

This new strain is of a dwarf, compact habit, and makes desirable pot plants, also for ribbon lines and massing. 6 inches in height. (See cut.)

- 6343 **Dwarf Scarlet** (*Fireball*). . . . . 10
- 6345 — **White** (*Snowball*). . . . . 10
- 6346 — **Fair Maid.** Delicate fleshy pink, shading to a rich crimson in the centre. . . . . 10
- 6347 — **Rose**. . . . . 10
- 6350 — **Mixed.** Per  $\frac{1}{4}$  oz. \$1.00 . . . . . 10
- 6359 **Imported Collection of 6 dwarf varieties.** . . . . . 50



PHLOX DRUMMONDI NANA COMPACTA.

## DOUBLE FLOWERING VARIETIES.

Double Flowering Phlox Drummondii are of recent introduction and are specially desirable for cut flowers, lasting much better than the single sorts. To produce the best results they should be grown in a light soil.

- 6341 **Double Yellow.** Pale primrose color, slightly perfumed; very pretty . . . . . 10
- 6353 — **Scarlet.** Brilliant color, fine bedding sort. . . . . 10
- 6354 — **White.** Profuse bloomer; splendid heads of purest white. (See cut.) . . . . . 10

One packet each of the three double varieties for 25 cts.

## STAR PHLOX.

- 6351 **Star of Quedlinburgh** (*Star-shaped Phlox*). Of dwarf habit, with very pretty star-shaped flowers. A novel and beautiful variety; mixed colors. . . . . 10

## PERENNIAL PHLOX.

- 6355 **Phlox Decussata.** Hardy herbaceous perennials; all colors mixed; saved from our own unequalled collection. . . . . 10

## PORTULACA.

One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriating in an exposed, sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work; 6 in.

- 6400 **Single Mixed Colors.** Per oz. 40 cts. . . . . 5
- 6410 **Double Mixed.** Flowers perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. . . . . 10
- 6409 **Imported Collection of 8 double varieties** . . . . . 60



PHLOX, DOUBLE WHITE.



DOUBLE PORTULACA.

# POPPIES.

A great advance has been made in recent years in the development of the Poppy, which has brought it into deserved popularity, and it may be safely said that no other flower produces a more brilliant display of color during the blooming period.

## DOUBLE ANNUAL POPPIES.

PER PKT.

- 6378 **American Flag.** Beautiful variety; flowers very large and double, snow-white, bordered with scarlet ..... 5
- 6386 **Fairy Blush.** Very double flowers of pure white, elegantly fringed and tipped with rose. (See cut.)..... 5
- 6387 **White Swan.** Immense double flowers, beautifully fringed and of purest white..... 5
- 6382 **"Mikado" (The Striped Japanese Poppy).** This beautiful Poppy is very distinct in character and color. The flowers are brilliant, scarlet and white with elegantly curved petals, like a Japanese Chrysanthemum .... 5
- 6371 **Carnation Flowered.** Splendid double fringed flowers, mixed colors. Per oz. 25 cts..... 5
- 6370 **Pæony Flowered.** Large, showy, double globular flowers. Mixed colors. Per oz. 20 cts..... 5
- 6393 **Golden Gate.** Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors..... 5
- 6369 **Imported Collection of 8 varieties.** Double Carnation flowered.. 30
- 6368 **Imported Collection of 8 varieties.** Double Pæony flowered.... 30



FAIRY BLUSH POPPY.

## SINGLE ANNUAL POPPIES.

PER PKT.

PER PKT.

- 6372 **Danebrog.** Very showy variety, producing large single flowers of brilliant scarlet, with a silvery-white spot on each petal, thus forming a white cross ..... 5
- 6384 **Shirley.** These charming Poppies are single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. The blooms, if cut when young, will stand for several days without drooping. (See cut.)..... 5
- 6374 **Umbrosum.** Richest vermilion, with a deep shining black spot on each petal..... 5
- 6373 **English Scarlet.** The common field Poppy of Great Britain; dazzling scarlet. .... 5
- 6380 **Single Mixed.** Annual sorts. Oz. 20 cts. .... 5



SHIRLEY POPPY.

- 6375 **Peacock.** Very large vivid scarlet and cherry-crimson flowers, with a conspicuous glossy black zone near the centre ..... 5
- 6394 **Flag of Truce.** Satiny white flowers, 3 to 4 inches across. .... 5
- 6391 **Tulip Poppy (Papaver glaucum).** A magnificent species from Armenia. The plants grow about 14 inches high and produce from 50 to 60 large flowers of dazzling scarlet .... 10
- 6376 **Fire Dragon.** Very showy and free-flowering, producing flowers of brilliant deep scarlet, with black spots margined white; 2 to 2½ feet ..... 5
- 6388 **The Bride.** A beautiful variety with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water they will last a long time ..... 10
- 6389 **Imported Collection of 6 single varieties** .... 25

## HARDY PERENNIAL POPPIES.

PER PKT.

- 6385 **Bracteatum.** Very large orange-scarlet flowers..... 5
- 6379 **Nudicaule (Iceland Poppy).** This is one of the most effective and beautiful. They are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers..... 10
- 6381 **Double Scarlet Iceland (Nudicaule Coccinea Fl. Pl.).** A double-flowering form of the beautiful Iceland Poppy, producing double bright orange-scarlet flowers. (See cut.) ..... 10
- 6390 **Orientele (The Large Oriental Poppy).** A charming summer flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. This is one of the most showy and useful of this interesting and popular family. (See cut.) 10
- 6395 **Orientele Hybrids.** Beautiful new hybrids of the Oriental Poppy, producing flowers of immense size, 6 inches and over in diameter and of many novel colors, such as salmon, pink, cherry, etc... 15



DOUBLE SCARLET ICELAND POPPY.



ORIENTALE POPPY.

# PRIMULA.

This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important winter-blooming pot plants. The seed we offer is one of the highest merit, and has, as usual, been saved from the best strains of English and Continental growth. Sow in March, April, or May.



PRIMULA OBCONICA FIMBRIATA.

## HARDY PRIMROSES.

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

- 6433 **Cortusoides Amoena.** charming variety bearing dark crimson flowers with distinct white eye. (See cut.) ..... 10
- 6435 **Dean's Hardy Hybrids.** Similar in growth to the common yellow Primrose, flowers in the richest shades of color ..... 25
- 6432 **Japanica** (*Japanese Primrose*). Bright and showy flowers, borne in whorls on stems 6 to 9 in. long; mixed colors. The seed we offer has been procured direct from Japan ..... 10
- 6415 **Veris** (*English Cowslip*). Flowers of different colors, yellow, brown and yellow-edged etc.; very fragrant; 6 inches. . . . . 5
- 6431 **Vulgaris.** The common yellow English Primrose; flowers fragrant and of a light canary-yellow color. . . . . 10  
See also Auricula and Polyanthus.



PRIMULA FORBESI.



CHINESE FRINGED PRIMULA.

- 6436 **Obconica Fimbriata.** A fringed variety of the well-known large-flowering Primula Obconica, and, like that sort, is a most profuse-flowering and easily grown variety. The flowers are as finely fringed as the Chinese Fringed Primrose, and are delightfully fragrant. Most useful for cutting, lasting well. (See cut.) . . . . . 25
- 6437 **Forbesi.** This is the freest flowering Primula we know of. The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then on until late in spring they produce their sprays of beautiful rosy lilac flowers in seemingly never-ending profusion, and we predict it will soon be as much of a favorite here as it now is in Europe. (See cut.) . . . . . 25
- 6434 **Floribunda.** This is one of the prettiest and best of the Primroses, and is of the same general character and type as P. Obconica, differing only in color of the flower, which is a lovely shade of Primrose yellow. Very fragrant and free-blooming. . . . . 25

## LARGE-FLOWERING SINGLE-FRINGED CHINESE PRIMROSES.

- |   | PER PKT. |
|---|----------|
| 6417 <b>White</b> .....   | 25       |
| 6418 <b>Red</b> .....   | 25       |
| 6425 <b>Alba Magnifica.</b> The finest pure white, with bright yellow eye, beautifully fringed. ....  | 50       |
| 6441 <b>Chiswick Red.</b> Large brilliant scarlet. ....   | 50       |
| 6442 <b>Princess Louise.</b> Splendid white, large flowers, of good substance, with peculiar metallic lustre  | 50       |
| 6421 <b>Punctata Elegantissima.</b> Crimson, spotted white .....  | 25       |
| 6422 <b>Kermesina Splendens.</b> Crimson, yellow eye  | 25       |
| 6424 <b>Holborn Blue.</b> This variety requires more heat for its successful culture than the other varieties. . .  | 50       |
| 6440 <b>Fern-Leaved. Finest Mixed.</b> .....  | 25       |
| 6430 <b>Dreer's Choicest Mixed.</b> This mixture contains nothing but the finest sorts, and cannot fail to give entire satisfaction. (See cut.) . . . . . | 25       |

## DOUBLE-FRINGED CHINESE PRIMROSE.

- The following double-fringed Chinese Primroses are very fine and can be highly recommended:
- 6428 **Alba.** Double white. . . . . \$ 50
  - 6450 **Double Mixed.** All colors. . . . . 50
  - 6449 **Collection 6** double-flowering 1 25

## GREENHOUSE VARIETIES.

The following varieties are of the easiest culture in greenhouse or light window of dwelling-house, flowering abundantly and continuously with the minimum of care:

- 6423 **Obconica.** A profuse-blooming Primrose, bearing on long stems, heads containing 10 to 15 flowers. It thrives in a cool house and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. . . . . 10

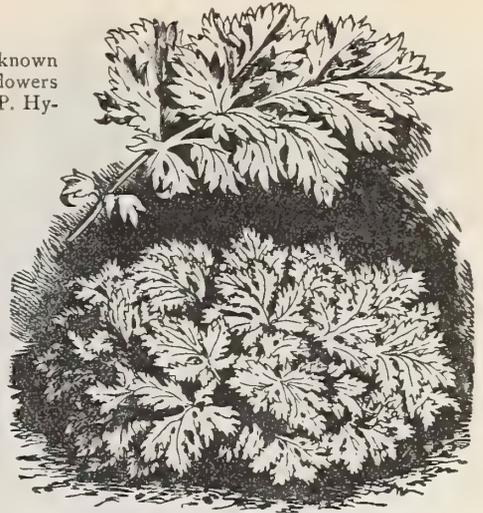


PRIMULA CORTUSOIDES AMOENA.

# PYRETHRUM.

Handsome herbaceous plants of easy culture. *P. Aureum* is the well-known Golden Feather so much used for carpet bedding, edging, etc. From the flowers of *P. Roseum* is obtained Persian insect powder or Buhach of California. *P. Hybridum* and varieties are amongst the handsomest of hardy flowering herbaceous plants.

- |      |   |    |
|------|---|----|
| 6453 | <b>Aureum</b> ( <i>Golden Feather</i> ). Bright yellow foliage. Oz. 75 cts.   | 5  |
| 6454 | — <b>Laciniatum</b> . An improved Golden Feather. Foliage finely fringed  | 10 |
| 6457 | <b>Roseum</b> ( <i>Persian Insect Powder Plant</i> ). Bright rose; 1½ ft.   | 10 |
| 6458 | <b>Hybridum</b> . Large flowering Single Mixed. Hardy perennial bearing large Aster-shaped flowers ranging in color from light pink to deep red, with bright yellow centres; 2 feet | 10 |
| 6456 | <b>Hybridum Fl. Pl.</b> Large Flowering Double Mixed. Beautiful colors, mixed; 1½ feet  | 25 |



PYRETHRUM AUREUM.

# RICINUS (*Castor Oil Bean*).

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for beds.

- |      |   |   |
|------|---|---|
| 6471 | <b>Borboniensis</b> . Very large and beautiful foliage; 15 feet   | 5 |
| 6472 | <b>Gibsoni</b> . Dwarf branching habit, deep red foliage; 5 feet  | 5 |
| 6476 | <b>Cambodgiensis</b> . The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained when planted in groups | 5 |

6474 **Philippiensis**. A variety from the Philippines, with beautiful gigantic foliage; 10 feet.

6473 **Sanguineus**. Blood-red stalks and clusters of red fruit; 8 feet.

6477 **Zanzibarensis**. A new and distinct class which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery bronze changing to dark green, with reddish ribs. The seeds are quite distinct in color and beautifully marked.



RICINUS ZANZIBARENSIS.

- |      |  |    |
|------|--|----|
| 6480 | <b>Mixed</b> . All sorts, old varieties, per oz. 15 cts. | 5  |
| 6479 | <b>Imported Collection</b> of 8 distinct varieties       | 30 |

# RHODOCHITON VOLUBILE.

- |      |   |    |
|------|---|----|
| 6462 | A charming greenhouse climber, producing abundantly on long, graceful stems, flowers of a rich claret-red color. It will flower the first year from seed, and may be planted in the garden when the weather becomes warm. | 25 |
|------|---|----|

# RUDBECKIA NEWMANI.

(Texas Cone Flower.)

- |      |  |    |
|------|--|----|
| 6482 | One of the finest of autumn flowering plants bearing large flowers. Bright yellow petals surrounding a large black cone; a showy flower. | 10 |
|------|--|----|

# ROSE.

- |      |  |    |
|------|--|----|
| 6366 | <b>Dwarf Polyantha or Fairy</b> . Beautiful miniature Roses, easily raised from seed to produce plants that will bloom freely the first summer. They are of dwarf, compact growth, free and ever-blooming. Entirely hardy and most desirable for summer bedding or for pot culture in winter | 15 |
|------|--|----|

# RHODANTHE.



RHODANTHE.

- |      |   |    |
|------|---|----|
| 6460 | <b>Rhodanthe. Mixed</b> . A charming annual; succeeds in a light, rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting. 1 foot. (See cut.) | 10 |
|------|---|----|

# SALPIGLOSSIS.

- |      |   |    |
|------|---|----|
| 6485 | Free blooming annuals, with curiously and beautifully penciled and marbled funnel-shaped flowers; of easy culture, requiring a light, rich soil. Large flowering varieties. All colors mixed; 1½ feet. (See cut.) | 5  |
| 6486 | <b>Imported Collection</b> of six large flowering sorts   | 30 |



SALPIGLOSSIS.



SALVIA "BONFIRE" (Clara Bedman).

# SALVIA.

(Flowering Sage.)

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed. PER PKT.

6493 **Salva Splendens** (Scarlet Sage). Beautiful bright scarlet.  $\frac{1}{4}$  oz. 50 cts. . . . . 10

6495 "**Bonfire**" (Clara Bedman.) This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about 2 feet high by 2 feet in diameter. Its erect spikes of flowers of brilliant scarlet, stand clear above the dark-green foliage and completely cover the plant. It attracts immediate attention in the garden, and is one of the most effective and gorgeous plants in cultivation. (See cut.) . . . . . 10

6503 "**Burning Bush**" (*Salvia Splendens Grandiflora Prostrata*). This variety makes a compact bush about 2½ feet high and produces long drooping spikes of brilliant scarlet flowers thrown well above the foliage, that make a dazzling effect when grown in groups in a bed or border . . . . . 10

6499 **Coccinea Lactea**. Milk white 10

6494 **Patens**. Superb deep blue. . . . . 15

6496 **Argentea**. Beautiful ornamental silvery foliage plant with spikes of white flowers . . . . . 10

## SANVITALIA.

A valuable dwarf bedding annual; fine for rockeries, etc.; flowers during summer and autumn months, thriving best in a light, rich soil; 6 inches. PER PKT.

6492 **Sanvitalia Procumbens**. Double golden-yellow 5

## SCHIZANTHUS.

(Butterfly Flower.)

6525 A splendid annual, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; mixed colors . . . . . 5



SCABIOSA, DOUBLE MIXED.

## SCABIOSA.

(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual. (See cut.) PER PKT.

6510 **Tall Mixed**. Double, all colors; 2 feet. Oz. 40 cts. . . . . 5

6520 **Dwarf Mixed**. Double, all colors; 1 foot 5

6505 **Double White** (*Snowball*). 2 feet. . . . . 5

6508 **Double Yellow**. A new color which has been perfected after many years' careful selection. The plants are dwarf and bushy, and bear in great profusion compact double flowers of a very fine golden-yellow. . . . . 10

6506 **Caucasica**. One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue; 3 feet. (See cut.) . . . . . 10

6507 **Imported Collection** of 6 dwarf double varieties. . . . . 25

## SAINTPAULIA IONANTHA.

6488 Charming stove plants; forms a flat rosette of deep green, hairy leaves, which are similar in form to those of the Gloxinias, but smaller in all parts. The flower stems are crowned by beautiful deep blue flowers, bearing a close resemblance to those of our sweet-scented Violet. A well-established plant will bloom continually throughout the year. . . . . 25

## SEDUM (Stonecrop).

A pretty and useful little plant, growing freely on rock or rustic work, hanging-baskets, etc.; during the summer they expand their brilliant star-shaped flowers in profusion; hardy perennial; 3 inches.

6540 **Sedum Mixed** 10



SCABIOSA CAUCASICA.

# Dreer's Select List

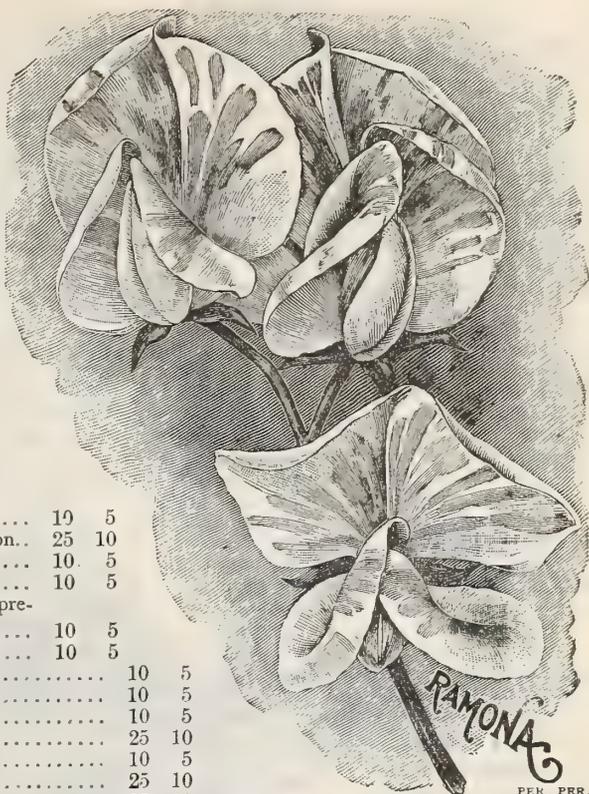
## OF LARGE FLOWERING...

# SWEET PEAS.

It is unnecessary to say much about these lovely, fragrant flowers, their universal favoritism being well established. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. As the flowers come into full bloom or fade they should be cut off, for, if the pods are allowed to form, the plants will stop blooming. Full instructions for planting, together with many useful hints, will be found in the new book *All About Sweet Peas*. Price 15 cts., postpaid. A selection of the 20 *Finest Standard Sweet Peas*, also a list of the *Cream of the New Varieties*, will be found offered with the novelties on pages 6 to 10.

PER PKT.  
OZ. PKT.

|      |                                   |   |    |    |
|------|-----------------------------------|---|----|----|
| 6852 | <b>Alice Eckford.</b>             | Creamy white tinted pink.   | 15 | 5  |
| 6801 | <b>America.</b>                   | White ground, striped with bright blood-red                               | 10 | 5  |
| 6812 | <b>Apple Blossom.</b>             | Rosy pink; blush wings  | 19 | 5  |
| 6849 | <b>Aurora.</b>                    | White flaked and striped bright orange salmon                             | 25 | 10 |
| 6817 | <b>Blanche Burpee.</b>            | Largest white   | 10 | 5  |
| 6814 | <b>Blanche Ferry.</b>             | Pink and white  | 10 | 5  |
| 6802 | <b>Blanche Ferry Extra Early.</b> | Same color as the preceding, but flowers two weeks earlier                | 10 | 5  |
| 6803 | <b>Blushing Beauty.</b>           | Finest pink   | 10 | 5  |
| 6815 | <b>Butterfly.</b>                 | White edged lavender  | 10 | 5  |
| 6811 | <b>Captain Clarke.</b>            | Red, white and blue   | 10 | 5  |
| 6809 | <b>Captain of the Blues.</b>      | Bright purple-blue  | 10 | 5  |
| 6834 | <b>Captivation.</b>               | Rosy purple, very large flower  | 25 | 10 |
| 6821 | <b>Celestial.</b>                 | Clear lavender  | 10 | 5  |
| 6806 | <b>Coquette.</b>                  | Primrose tinged with blush and lilac                                      | 25 | 10 |
| 6830 | <b>Countess of Aberdeen.</b>      | Blush pink, deeper at edges   | 25 | 10 |
| 6819 | <b>Countess of Radnor.</b>        | Delicate lavender   | 10 | 5  |
| 6808 | <b>Crown Jewel.</b>               | Creamy white, tinted and veined with rose                                 | 10 | 5  |
| 6813 | <b>Cupid.</b>                     | The new dwarf white, grows only 5 inches high, useful for pots or borders | 15 | 5  |
| 6807 | <b>Daybreak.</b>                  | White ground watered with red   | 25 | 10 |
| 6828 | <b>Dorothy Tennant.</b>           | Deep mauve  | 10 | 5  |
| 6820 | <b>Duke of Clarence.</b>          | Rosy claret   | 10 | 5  |
| 6804 | <b>Eliza Eckford.</b>             | White, shaded and flaked rose   | 10 | 5  |
| 6836 | <b>Emily Eckford.</b>             | Heliotrope  | 10 | 5  |
| 6825 | <b>Emily Henderson.</b>           | Purest white; fine  | 10 | 5  |
| 6839 | <b>Firefly.</b>                   | Fiery scarlet   | 15 | 5  |
| 6837 | <b>Grey Friar.</b>                | Blue-grey; a large flower   | 10 | 5  |
| 6828 | <b>Her Majesty.</b>               | Bright rosy pink  | 10 | 5  |
| 6838 | <b>Juanita.</b>                   | White ground, delicately lined and flaked with light blue                 | 10 | 5  |
| 6841 | <b>Katherine Tracy.</b>           | Soft, yet brilliant pink; of American origin; strong grower               | 10 | 5  |



PER PKT.  
OZ. PKT.

|      |  |  |    |    |
|------|--|--|----|----|
| 6826 | <b>Lady Beaconsfield.</b>                          | Salmon-rose and yellow   | 10 | 5  |
| 6827 | <b>Lady Penzance.</b>                              | Bright rose pink   | 10 | 5  |
| 6818 | <b>Lottie Eckford.</b>                             | Lavender-shaded heliotrope   | 10 | 5  |
| 6851 | <b>Meteor.</b>                                     | Rich orange salmon pink  | 10 | 5  |
| 6840 | <b>Mikado.</b>                                     | Bright rose pink, striped with white   | 25 | 10 |
| 6832 | <b>Monarch.</b>                                    | Deep purplish-maroon   | 10 | 5  |
| 6850 | <b>Mrs. Joseph Chamberlain.</b>                    | White ground, beautifully striped with bright rose   | 10 | 5  |
| 6831 | <b>Mrs. Eckford.</b>                               | Delicate primrose yellow   | 10 | 5  |
| 6823 | <b>Mrs. Sankey (Black Seed).</b>                   | Pure white, large bold flower  | 10 | 5  |
| 6842 | <b>Novelty.</b>                                    | Deep rose pink, with an infusion of orange   | 10 | 5  |
| 6816 | <b>Oddity.</b>                                     | Pale carmine, with bright-rose edge; flower curiously curled   | 10 | 5  |
| 6844 | <b>Peach Blossom.</b>                              | Salmon-pink suffused carmine   | 10 | 5  |
| 6843 | <b>Prima Donna.</b>                                | Soft pink, extra large size  | 25 | 10 |
| 6833 | <b>Princess Victoria.</b>                          | Bright cherry  | 10 | 5  |
| 6805 | <b>Ramona.</b>                                     | Creamy white, splashed and flaked with soft pink; very fine. (See cut.)  | 10 | 5  |
| 6848 | <b>Red Riding Hood.</b>                            | The standards in this variety are formed like a hood over the wings. Very odd and curious  | 25 | 10 |
| 6846 | <b>Royal Robe.</b>                                 | Delicate pink-shaded carmine   | 10 | 5  |
| 6845 | <b>Royal Rose.</b>                                 | Deep rosy pink, wings lighter  | 25 | 10 |
| 6824 | <b>Senator.</b>                                    | Chocolate, striped white   | 10 | 5  |
| 6847 | <b>Stanley.</b>                                    | Deep maroon, darkest of all  | 10 | 5  |
| 6835 | <b>Venus.</b>                                      | Salmon-buff  | 10 | 5  |
| 6863 | <b>Double Flowering Mixed.</b>                     | Under favorable conditions these will produce a large percentage of double flowers   | 25 | 10 |
| 6000 | <b>Fine Mixed Sweet Peas, Standard Varieties.</b>  | Per pkt. 5 cts., oz. 10 cts., 1/4 lb. 20 cts., lb. 50 cts.   |    |    |
| 6810 | <b>Eckford's Large Flowering Mixed Sweet Peas.</b> | Contains some of each of the entire list of varieties. No finer mixture is possible. (See cut.) Per pkt. 5 cts., oz. 10 cts., 1/4 lb. 25 cts., lb. 75 cts. |    |    |



MIXED SWEET PEAS.

Our mixtures of Sweet Peas are made up by ourselves from named varieties, insuring a satisfactory result in colors, and are vastly superior to seeds harvested in mixture, which always contain a large proportion of dull colors.

|      |                                   |                      |     |    |
|------|-----------------------------------|----------------------|-----|----|
| 6859 | <b>"Incomparable" Collection.</b> | 20 finest varieties  | \$0 | 75 |
| 6860 | <b>"Bouquet" Collection.</b>      | 6 distinct varieties | 25  |    |
| 6861 | "                                 | " 12 "               | 50  |    |
| 6862 | "                                 | " 25 "               | 1   | 00 |

**STOCKS.**

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. Fragrant.

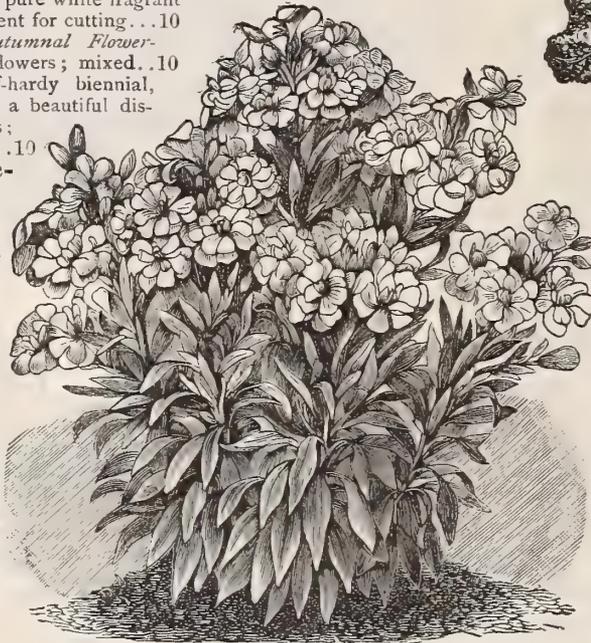
**Large Flowering Dwarf Ten Weeks' Stock.**

|  |             |                               |             |
|--|-------------|-------------------------------|-------------|
| 6591 <b>Blood Red</b> .....  | PER PKT. 10 | 6594 <b>Purple</b> .....      | PER PKT. 10 |
| 6592 <b>Crimson</b> .....  | 10          | 6595 <b>Pure White</b> .....  | 10          |
| 6593 <b>Light Blue</b> .....   | 10          | 6598 <b>Bright Pink</b> ..... | 10          |
| 6600 <b>Mixed</b> . Double large flowering.....  |             |                               | 5           |
| 6609 <b>Imported Collection</b> . Large Flowering, 12 varieties.....   |             |                               | 75          |
| 6607 ——— 6 varieties.....  |             |                               | 40          |
| 6610 <b>Improved Wallflower Leaved Ten Weeks</b> . Finest mixed.....   |             |                               | 10          |
| 6601 — <b>Wallflower Leaved White</b> .....  |             |                               | 10          |
| 6603 <b>Snowflake Improved</b> . A dwarf variety, with large double snow-white flowers.....  |             |                               | 15          |
| 6606 <b>Princess Alice</b> ( <i>Cut and Come Again</i> ). A fine perpetual blooming Stock. If sown early, it commences blooming in June and continues until frost. Its most valuable feature is that it produces flowers during September and October, when other varieties have faded. It throws out numerous side branches bearing clusters of very double pure white fragrant blossoms, and is excellent for cutting...10 |             |                               |             |
| 6612 <b>Intermediate</b> ( <i>Autumnal Flowering</i> ). Choice double flowers; mixed...10  |             |                               |             |
| 6611 <b>Brompton</b> . Half-hardy biennial, bushy plants producing a beautiful display of double flowers; mixed colors; 2 feet...10  |             |                               |             |
| 6619 <b>Imported Collection, Perpetual</b> . 6 varieties...50  |             |                               |             |

**SMILAX.**

(*Myrsiphyllum Asparagoides*.)

6134 In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensable. Soak the seed in warm water twelve hours and plant in pots, in hot-bed or greenhouse, in February, and keep in moist place. Tender perennial climber; white; 10 feet. Oz. 75 cts.....10



PRINCESS ALICE STOCK.



STREPTOCARPUS.

**SOLANUM.**

6566 **Solanum Capsicastrum** (*Jerusalem Cherry*). This is a very useful pot plant for winter decoration. It is of dwarf branching habit; leaves small and oval-shaped; bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot 10

**STREPTOCARPUS**

(*New Hybrid Cape Primrose*.)

6623 Beautiful greenhouse perennials of dwarf, neat habit. Seedlings produce from 2 to 5 blooms on a stem the first season. As the plant becomes older the flowers are produced in greater abundance. (See cut.)..... 25

**STEVIA SERRATA.**

6622 Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming..... 10

**SWEET SULTAN.**

6624 **Yellow** (*Centaurea Suaveolens*). Very showy hardy annual, 1½ feet high, bearing large bright-yellow flowers; sweetly scented; a fine cut-flower. (See cut.)..... 5

**SWEET WILLIAM.**

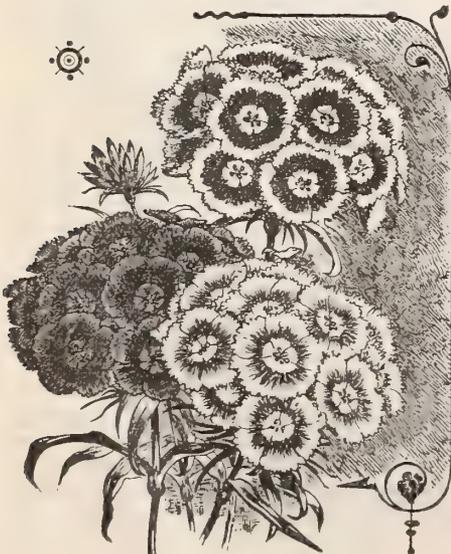
A well-known attractive free-flowering hardy perennial, producing a splendid effect in beds and shrubbery with their rich and varied flowers; 1½ feet.

6625 **Auricula-Flowered**. A beautiful class of single varieties, all colors. 10

6640 **Single Mixed**. Per oz. 40 cts... 5

6630 **Double Mixed**. Per oz. \$1.00... 5

6631 **Giant Double**. A beautiful strain, which is a decided improvement on the ordinary form of this grand old garden flower. 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 1 inch in diameter. The colors are extremely varied and very vivid.... 15



SWEET WILLIAM.



YELLOW SWEET SULTAN.



TROPÆOLUM LOBBIANUM.

**TORENIA.**

A very fine annual, a splendid plant for vases, hanging-baskets, or for growing out of doors; they are covered the entire season with one mass of bloom.

- |   |    |
|---|----|
| 6681 <b>Fournieri.</b> Sky-blue flowers, with three spots of dark blue, bright yellow centre. (See cut.).....       | 10 |
| 6682 — <b>Alba</b> ( <i>White Wings</i> ). Blush White .....  | 15 |
| 6683 <b>Bailloni.</b> Bright golden-yellow with a brownish-red throat. An admirable contrast with T. Fournieri .... | 10 |



TORENIA FOURNIERI.

**TYDÆA.**

- |  |    |
|--|----|
| 6686 <b>Tydæa Hybrida Grandiflora.</b> Handsome plants, allied to the Gloxinia, very free-flowering and producing a great variety of magnificent large flowers. Should be sown and treated in the same way as Gloxinias..... | 25 |
|--|----|

**VERBENA.**

**Dreer's Mammoth.** We have been carefully selecting and improving this fine strain of Verbenas for several years past, and now offer it in separate colors as well as in mixture, and can recommend it as the very best in the market. The flowers are of the largest size, of brilliant colors. Free-blooming and of vigorous habit. (See cut.)

- |   |    |
|---|----|
| 6701 <b>Dreer's Mammoth White</b> .....                                 | 10 |
| 6702 — <b>Scarlet</b> .....   | 10 |
| 6703 — <b>Striped</b> .....   | 10 |
| 6704 — <b>Pink</b> .....  | 10 |
| 6706 — <b>Purple</b> .....  | 10 |
| 6707 — <b>Mixed.</b> Per oz. \$2.50 .....                               | 10 |
| 6709 <b>Collection</b> of Mammoth Verbenas, 5 varieties. ....           | 40 |
| 6710 <b>Fine Mixed.</b> All colors of the older sorts. Per oz. \$1.50.. | 5  |

**LEMON VERBENA.**

- |  |    |
|--|----|
| 6708 <b>Aloysia Citriodora.</b> Lemon-scented foliage..... | 10 |
|--|----|

**TAGETES SIGNATA PUMILA.**

- |   |   |
|---|---|
| 6654 A dwarf, compact, bushy annual, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright yellow, striped brown | 5 |
|---|---|

**THUNBERGIA.**

- |   |   |
|---|---|
| 6670 Beautiful, rapid-growing annual climbers, thriving in a light, rich loamy soil, in warm situations in the garden; very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. Per oz. 40 cts. .... | 5 |
|---|---|

**TROPÆOLUM** (*Lobb's Nasturtium*).

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; half-hardy annuals; 6 to 10 feet. (See cut.)

- |   |    |
|---|----|
| 6171 <b>Tropæolum, Lobbianum, Brilliant.</b> Scarlet..... | 5  |
| 6165 — — <b>Spitfire.</b> Crimson .. ..                   | 5  |
| 6172 — — <b>Roi des Noirs.</b> Black.....                 | 5  |
| 6174 — — <b>Asa Gray.</b> Primrose yellow.....            | 10 |
| 6176 — — <b>Bismarck.</b> New; vivid scarlet; fine.....   | 10 |

- |   |   |
|---|---|
| 6170 — — <b>Finest Mixed.</b> Per oz. 25 cts..... | 5 |
|---|---|

- |   |    |
|---|----|
| 6179 — — <b>Imported Collection</b> of 12 varieties . | 50 |
|---|----|

- |   |    |
|---|----|
| 6178 — <b>Hybrids of Madame Gunter.</b> These originated with a celebrated French specialist and are a decided advance over the old types. Contains many novel colors, such as odd shades of salmon, pink, rose, reds, yellow, etc., many of the flowers being curiously mottled, striped, etc. Strong growers and very free-flowering. Per oz. 25 cts..... | 10 |
|---|----|
- See also Nasturtium, page 80.



DREER'S MAMMOTH VERBENA.



VINCA.

**VINCA.**

Ornamental free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

|                                      | PER PKT. |
|--------------------------------------|----------|
| 6713 <b>Rosea.</b> Rose, dark eye..  | 10       |
| 6714 <b>Alba.</b> White, crimson eye | 10       |
| 6715 <b>Alba Pura.</b> Pure white    | 10       |
| 6720 <b>Mixed.</b> Per oz. \$1.00..  | 5        |

**XERANTHEMUM.**

|  |    |
|--|----|
| 6760 <b>Superbissimum, Mixed.</b> Showy double free-flowering border annuals | 10 |
|--|----|

**ZINNIAS.**

The double Zinnia is one of the most brilliant and showy of annuals and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground.

**Large Flowering Double Dwarf.**

|  |    |
|--|----|
| 6781 <b>White</b> .....  | 5  |
| 6793 <b>Orange</b> .....   | 5  |
| 6794 <b>Scarlet</b> .....  | 5  |
| 6795 <b>Canary</b> .....   | 5  |
| 6797 <b>Jacqueminot.</b> Rich, deep velvety-crimson .....  | 10 |
| 6800 <b>Dwarf Double Mixed</b> .....   | 5  |
| 6789 <b>Imported Collection</b> of 6 dwarf double varieties .....  | 25 |
| 6790 <b>Tall Double.</b> Tall varieties, mixed .....   | 5  |
| 6796 <b>Curled and Crested.</b> A beautiful strain of this popular plant, the petals being twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the beautiful shades characteristic of the Zinnia ..... | 10 |
| 6782 <b>Haageana Fl. Pl.</b> ( <i>Mexican Zinnia</i> ). A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower .....  | 10 |
| 6786 <b>Tom Thumb, Double Mixed.</b> Compact bushes, not over 12 inches high .....   | 10 |
| 6784 <b>Mammoth</b> ( <i>Robusta Plenissima</i> ). Flowers large, perfectly formed, very double and of striking colors .....   | 10 |
| 6783 <b>Double Pompone.</b> Cone-shaped flowers; mixed .....   | 10 |
| 6791 <b>Zebra.</b> A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance .....   | 10 |

**VALERIANA.**

(Garden Heliotrope.)

PER PKT.

|  |   |
|--|---|
| 6690 Very showy border plants, growing in any garden soil, doing well in the shade; producing large corymbs of flowers fine for bouquets; hardy perennial; red and white mixed; 2 feet. .... | 5 |
|--|---|

**VIOLET.**

(Viola Odorata.)

Well-known fragrant early spring blooming plants for edgings, groups or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennial; 6 inches.

|   |    |
|---|----|
| 6725 <b>Single Blue.</b> Sweet scented .....                  | 10 |
| 6728 — <b>The Czar.</b> Large-flowering .....                 | 10 |
| 6726 <b>Single White.</b> Very fragrant; free-flowering ..... | 10 |
| 6727 <b>Single Mixed.</b> Blue and white .....                | 10 |

*Double Violets do not seed. Plants will be found offered in Plant Department.*

**WALLFLOWER.**

Well-known deliciously fragrant half-hardy perennials; blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquets.



DOUBLE WALLFLOWER.

|   |    |
|---|----|
| 6740 <b>Wallflower, Single Mixed</b> .....                  | 5  |
| 6730 — <b>Finest Double Mixed</b> .....                     | 10 |
| 6739 <b>Collection</b> of Double Wallflower; 6 varieties .. | 50 |
| 6749 <b>Collection</b> of Single Wallflower; 6 varieties .. | 50 |

**WATER LILY SEED.**

(See page 103.)

**YUCCA.**

(Adam's Needle.)

A splendid plant with large clusters of creamy-white tulip-like flowers on tall stems; hardy perennial; 3 feet.

|  |   |
|--|---|
| 6775 <b>Yucca Filamentosa.</b> White ..... | 5 |
|--|---|



ZINNIA ELEGANS, DOUBLE.

# GLADIOLUS

(If wanted by mail, add 10 cents per dozen for postage.)

The most attractive of all summer flowering bulbs are the Gladioli. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our list comprises only the best selections, both in our mixtures and named sorts. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. Plant six inches apart in beds or double rows, and three inches deep. They are very effective when planted among roses, shrubbery, etc. In the fall, before frost, the bulbs should be lifted, dried and stored in a cellar or some other position away from frost, for planting again the following spring.

## SUPERB NEW GLADIOLUS "WHITE LADY."

(Awarded a First-class Certificate of Merit by the Massachusetts Horticultural Society August 21, 1897.)

This beautiful pure white sort we had the pleasure of seeing in the grounds of the introducer in Europe a year ago, whose description follows, and which our own experience fully indorses: "A really pure white Gladiolus, gained by crossing the best so-called white varieties. Having compared 'White Lady' with all the newest white varieties of German, English, American and French origin, we are positive that this novelty is the *very best white known*. The flowers are large, of finest substance and of the purest white imaginable, the lower petals are slightly tinged with pale yellow; this pale yellow is so delicate and so clear that it does not impair the white of the flower in the least, on the contrary it enhances upon the white. The buds are light yellow before opening. The plants are of a remarkably strong growth and will generally produce several flower spikes. Height 2½ to 3 feet when in full bloom." (See cut.) Strong bulbs, \$2.00 each; three bulbs for \$5 00.

### DREER'S GRAND NAMED GLADIOLUS.

The following are sorts which can be depended upon to give good results, each variety being the acknowledged leader of its color:

**African.** Black crimson, with pure white blotch on throat, the darkest colored of all. 10 cts. each, \$1.00 per doz.

**Brenchleyensis.** An old variety, but still the best vermilion-scarlet for massing. 5 cts. each, 30 cts. per doz., \$1.50 per 100.

**Duchess of Edinburgh.** Purplish-rose, carmine stripe on lower petals, one of the finest. 10 cts. each, \$1.00 per doz.

**Grand Rouge.** Enormous spikes of large flaming scarlet, the finest of its color. 10 cts. each, \$1.00 per doz.

**Hesperide.** Blotched and flaked bright rosy-salmon on pure white ground. 10 cts. each, \$1.00 per doz.

**Isaac Buchanan (Golden Sceptre).** Clear canary-yellow. 10 cts. each, \$1.00 per doz., \$6.00 per 100.

**Lord Byron.** Brilliant scarlet with a distinct pure white blotch. 10 cts. each, \$1.00 per doz.

**Martha Washington.** Fine spikes, light yellow, lower petals tinged with rose. 10 cts. each, \$1.00 per doz.

**May.** White ground, penciled with crimson. 10 cts. each, \$1.00 per doz.

**Meyerbeer.** Bright scarlet, flamed with vermilion, amaranth blotch. 10 cts. each, \$1.00 per doz.

**Octoroon.** A beautiful shade of salmon-pink, quite distinct. 10 cts. each, \$1.00 per doz.

**President Lincoln.** Blush white, suffused with bright rose. 10 cts. each, \$1.00 per doz.

**Shakespeare.** A fine variety, white, slightly suffused with carmine-rose, large rose blotch. 10 cts. each, \$1.00 per doz., \$7 50 per 100.

**Snow White.** Grand spike of snow-white flowers, a magnificent variety. 20 cts. each, \$2.00 per doz.

**Viola.** Bright clear pink. 10 cts. each, \$1.00 per doz.

**SPECIAL OFFER.** One each of the above fifteen Grand Varieties, each variety separate, for \$1.00; by mail, \$1.10.

### GLADIOLUS IN MIXTURE.

Our mixtures are made up from fine varieties, and are all *selected first-size* bulbs, and are sure to give the best results.

|  | EACH. | DOZ. | 100.   |
|--|-------|------|--------|
| Scarlet and Crimson shades mixed.....  | .05   | .25  | \$2 00 |
| White and Light " " .....              | .05   | .40  | 3 00   |
| Yellow Shades Mixed " " .....          | .05   | .40  | 3 00   |
| Striped and Variegated " " .....       | .05   | .40  | 2 50   |
| Pink " " .....                         | .05   | .40  | 2 50   |
| Extra Choice Mixed, American Hybrids.. | .05   | .30  | 2 00   |

**Lemoine's Butterfly Hybrids** mixed. This mixture is made up of named sorts which we imported from the originator. The remarkable richness of the colorings of this class rival the finest orchids. 5 cts. each, 40 cts. per doz., \$2.50 per 100.

**Kelway's Choice Hybrids**, grown from stock of the celebrated English hybridizer, produce immense spikes in great variety of coloring. 5 cts. each, 50 cts. per doz., \$3.00 per 100.

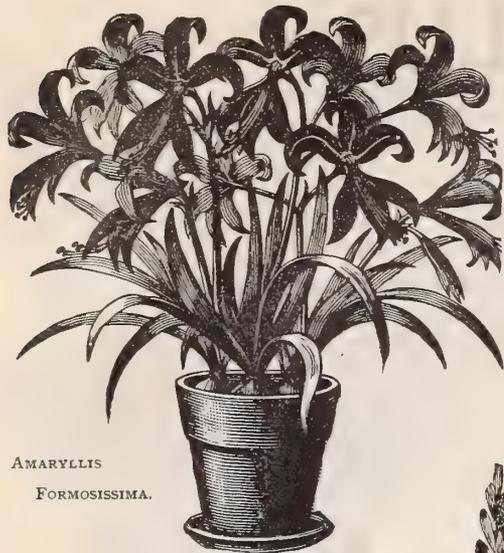
### NEW GIANT GLADIOLUS (Gladiolus Nanceanus).

A magnificent new race of extraordinary size and remarkable beauty. These new varieties are twice the size of the Gladiolus Gandavensis varieties, while possessing their long-lasting properties and the beautiful markings of the Lemoinei section. Mixed varieties, 10 cts. each, \$1.00 per doz., \$7 50 per 100.

(If Gladiolus are wanted by mail add 10 cts. per dozen for postage. Single bulbs mailed free at Catalogue price.)



GLADIOLUS WHITE LADY.



AMARYLLIS

FORMOSISSIMA.

### CALADIUM ESCULENTUM.

(Elephant's Ear.)

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best result it should be planted where it will obtain plenty of water, and an abundance of rich compost. Foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 ft. long by 2½ ft. wide. (See cut.) Extra large bulbs, 12 to 14 inches in circumference, 40 cts. each, \$1.00 per doz.; postage 15 cts. each extra. First-size bulbs, 10 to 12 inches in circumference, 25 cts. each, \$2.50 per doz.; postage 10 cts. each extra. Second-size bulbs, 8 to 10 inches in circumference, 15 cts. each, \$1.50 per doz.; postage 8 cts. each extra. Third-size bulbs, 6 to 8 inches in circumference, 10 cts. each, \$1.00 per doz.; postage 5 cts. each extra.

### MILLA BIFLORA.

(Mexican "Star of Bethlehem.")

One of the loveliest and most desirable bulbs. The flowers are nearly 2½ inches in diameter, of a pure waxy-white color, and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. Bulbs 10 cts. each, 75 cts. per doz.

### MONTBRETIAS.

The Montbretias are one of the brightest and best of summer-flowering bulbs, and it has been a matter of wonder to us why they are not more generally used. We feel sure that if once tried they would become firm favorites. The bulbs should be planted from April to June in clumps or groups of three to a dozen or more. They are perfectly hardy, and once planted can be left to care for themselves. In growth they resemble the Gladioli, and produce spikes of the most brilliant flowers in the various shades of orange, yellow, red, etc. The varieties offered below are the "cream" of the largest collection in Europe, and are offered at a price which should warrant extensive plantings. (See cut.)

**Crocsmiaeflora.** Deep golden-orange; fine.  
**Etoile de Feu (Star of Fire).** Bright vermilion; yellow centre.  
**Gerbe d'Or (Golden Sheaf).** Splendid golden-yellow.  
**Pottsii Grandiflora.** Golden-orange; outside bright red.  
**Rayon d'Or.** Yellow and brown.  
**Transcendent.** Orange and vermilion; large.  
**Tigridia.** Rich orange; throat spotted brown.

Price of any the above, 5 cts. each, 40 cts. per doz., \$3.00 per 100; one each of the seven varieties for 25 cts.

### AMARYLLIS.

**Formosissima (Jacobean or Mexican Lily).** An exceedingly free-flowering variety which succeeds admirably either planted in the open ground or in pots; it flowers within a few weeks after planting, and a succession of plantings during the season will keep the window or conservatory gay with its bright crimson blossoms. To produce a good effect 3 or more bulbs should be planted together. (See cut.) 50 cts. per doz. (by mail, 10 cts. extra), \$4.00 per 100.

**Johnsonii.** Very large flower, of a rich crimson-scarlet color striped with white. 25 cts. each, extra large bulbs 40 cts. each.

**Regina (Queen Lily).** Red and white. 25 cts. each.

**Vallota Purpurea (Scarborough Lily).** A valuable free summer and autumn bloomer; color rich red. It does well planted in the open ground in May, and when in bud can be potted and removed for conservatory or window decoration. It is one of the few really good window plants. 35 cts. each, \$3.50 per doz.

**Vittata Hybrids.** Beautiful red and white striped varieties; procured from one of the leading European specialists. 50 cts. each, \$5.00 per dozen.

### CINNAMON VINE.

(Dioscorea Batatas.)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy-green; growth is very rapid, reaching about 8 feet in height; quite hardy. Good roots 5 cts. each, 50 cts. per doz.

### HYACINTHUS

### CANDICANS.

(Cape Hyacinth.)

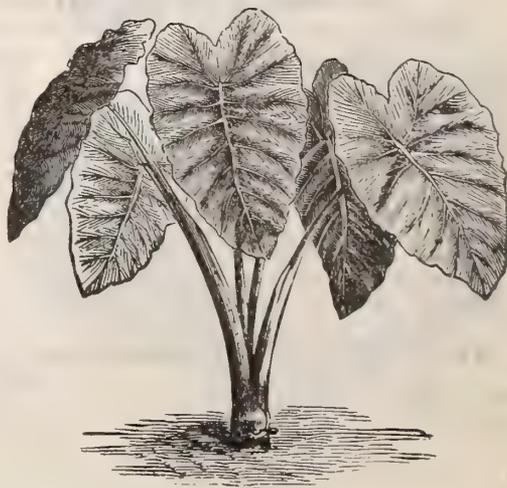
A snow-white summer flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white bell-shaped flowers. 5 cts. each, 50 cts. per doz.; by mail 10 cts. extra.

### MADEIRA OR MIGNONETTE VINE.

A rapid-growing vine, covering a large space in a short time. Fleshy, heart-shaped leaves of a light green, and numerous racemes, of feathery flowers of delicious fragrance. A beautiful and popular vine. 5 cts. each, 40 cts. per doz.; by mail 10 cts. extra.



MONTBRETIA.



CALADIUM ESCULENTUM.

# LILIUMS.

**Auratum.** Of all the Lily tribe, this is undoubtedly one of the finest, whether we regard its size, its sweetness, or its exquisite arrangement of color. Its large and graceful flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate crimson spots, and striped through the centre a golden-yellow. From 6 to 20 flowers are produced on a stem, and, as the bulbs acquire age and strength, the flowers increase in size and number. It is perfectly hardy, and thrives best in a moderately dry, rich loam where the water does not lie in winter. (See cut.)

|   | EACH   | DOZ. | 100.    |
|---|--------|------|---------|
| Extra Large, 11 to 13 in. in cir. (postage 10 cts. each extra), | \$0 25 | 2 50 | \$12 00 |
| First size 9 " 11 " " " " 6 " " "                               | 15     | 1 50 | 8 00    |
| Second size 7 " 9 " " " " 5 " " "                               | 10     | 1 00 | 6 00    |

**Speciosum Album.** Large white flowers of great substance, with a greenish band running through the centre of each petal; very fine. 15 and 25 cts. each, \$2 00 and \$2.50 per doz. Postage 5 cts. each extra.

**Speciosum Rubrum.** White, heavily spotted with rich crimson spots. 10 and 15 cts. each, \$1.00 and \$1.50 per doz. Postage 5 cts. each extra.

**Speciosum Roseum.** White shaded and spotted with rose. 10 and 15 cts. each, \$1 00 and \$1 50 per doz. Postage 5 cts. each extra.

**Speciosum Melpomene.** Very large flowers, rich blood-crimson, heavily spotted 15 cts. each, \$1.50 per doz. Postage 5 cts. each extra.

**Elegans Incomparable.** Large orange-colored flowers borne in clusters, very free flowering. 10 cts. each, \$1.00 per doz.

**Krameri.** Distinct from all other Lilies; large flowers, of a soft, beautiful rose-color. 20 cts each, \$2 00 per doz.

**Longiflorum.** Extra fine bulbs of this well-known white trumpet-shaped Lily. 15 cts. each, \$1.50 per doz.

One bulb each of the above 8 varieties for \$1.00, including postage.



LILIUM AURATUM.

## TIGRIDIAS.

(Tiger or Shell Flower.)

These gorgeous summer flowering bulbs look well associated with Gladioli, Lilies and kindred stock; grow about 2½ feet high, and flower freely throughout the summer.

They require the same treatment as Gladioli, and should be lifted in the autumn and dried off in the same way. (See cut.)

**Conchiflora.** Golden-yellow, spotted crimson.

**Pavonia Grandiflora.** Bright crimson, centre spotted with yellow.

**Grandiflora Alba.** Ivory-white, yellow centre, spotted with crimson, an exceedingly handsome flower.

Price of any of the above 3 Tigridias, 5 cts. each, 40 cts. per doz.

## TUBEROSES.

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the first of May.

**Excelsior Double Pearl.** (See cut.) Extra large bulbs, 3 for 10 cts., 25 cts. per doz., \$1.50 per 100. If wanted by mail add 12 cts. per dozen extra.

**"Albino,"** A beautiful single flowering sort, producing large heads of snow-white flowers; the odor is much more delicate than the double sort; comes into flower in midsummer. 10 cts. each, 50 cts. per doz. By mail 12 cts. per dozen extra.

**Variegated Leaved.** Leaves striped, flowers single. 10 cts. each, 50 cts. per doz. By mail 10 cts. per dozen extra.

## ZEPHYRANTHES.

(Zephyr Flowers, or Fairy Lilies.)

Beautiful dwarf bulbous plants, very effective for planting out in masses in May, flowering with great profusion during the summer. They are also most suitable for pot culture. 6 to 12 bulbs clustered in a 6-inch pot in the autumn will give a fine display during the winter. 1 foot high.

**Alba.** Pure white. 5 cts. each, 40 cts. per doz., \$3.00 per 100.

**Rosea.** Large rose-colored flowers. 5 cts. each, 40 cts. per doz., \$3.00 per 100.



DOUBLE PEARL TUBEROSES.



# AQUATIC · DEPARTMENT.

The ever-increasing demand for Water Plants has necessitated our devoting more space to their cultivation during the past year, and our AQUATIC DEPARTMENT is now the most complete in the country. Visitors to our gardens at Riverton, N. J., expressed their delight at the wonderful variety of coloring, delicious perfume, and the freedom of bloom seen.

Not only has the demand for Aquatics increased, but additions in the line of new hardy varieties are of annual occurrence, showing ever-increasing improvement in the shape, size and color of the flowers, which in many instances surpass even the choice tropical varieties. In spite of a cool and late season, the Victoria Pond, with its occupants (the Victorias and tropical *Nymphæas*), were most satisfactory. At one time, during the early part of September, several plants of the *N. Devoniensis* type had over a dozen open flowers (not counting numerous buds) each day, and in one instance we counted twenty flowers on a single plant. These plants received no artificial heat (save the Victorias at the earliest stage), and what we succeeded in accomplishing can be achieved by any amateur in almost any section of the country.

The cultivation of Aquatics is of the simplest; their requirements are sunshine, water and rich soil; the latter must not be lost sight of. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes or sluggish streams, early in spring, and, under the same conditions as our native Water Lily, they will grow luxuriantly and flower profusely until cut down by frost. They will winter under precisely like conditions as the native variety; provide the same conditions in artificial ponds or tanks, and the results will be equally satisfactory; where the same are grown in tubs, some protection is necessary in winter; but care must be taken that they are not warm enough to excite growth or so cold as to freeze. Plant the tender varieties at the approach of warm weather and when the water is warm. The plants can be grown in pots where protection can be afforded them until safe to transfer to summer quarters. The after-treatment is the same as for the hardy varieties.

*Full cultural directions are given in the new book, "THE WATER GARDEN," price \$2.00, post-paid, or given as a premium on orders for plants amounting to \$20.00 or over (when accompanied by remittance).*

## NOVELTIES IN AQUATICS.

**Nelumbium Shiroman.** This superb variety is unquestionably the grandest ever introduced, the flowers are snow-white, exceedingly double, and borne on stout stalks well above the foliage; it is a vigorous grower and very free-flowering, and equally as hardy as the well-known *N. Speciosum*, and can be grown under precisely the same conditions. Awarded a first-class certificate of merit by the Mass. Hort. Society. (See cut.) Price \$3.00 each.

**Nelumbium Kinshiren.** A distinct and beautiful sort; flowers white, shaded pink. It is very free-flowering, coming into bloom early and continuing throughout the season; a splendid variety to grow in tubs. Price \$3.00 each.

**Nymphæa Odorata Luciana.** No variety has found more favor with lovers of Water Lilies throughout America and Europe than *N. O. Caroliniana*. This sterling novelty is identical with the latter save in color, which is rosy-carmine, retaining its bright color until the end of the season; a first-rate addition to this valuable type. Price \$2.50 each.

**Nymphæa Blanda.** The purest white Water Lily in cultivation; flowers 4 to 6 inches across; plant vigorous and free-flowering. Price \$2.00 each.

**Nymphæa Laydekeri Lilacea.** Flowers lilac-rose, shaded bright carmine, tea-rose fragrance; moderate grower and very free-flowering. A distinct and desirable sort. Price \$3.00 each.

**Nymphæa Laydekeri Purpurata.** Flowers large and symmetrical, of a wine-red color, shaded crimson, stamens bright red. Very free and continuous flowering. Price \$4.00 each.

**Nymphæa Robinsonii.** Flowers vermilion red on a deep yellow ground, orange stamens; leaves deep green, spotted with chestnut; free and constant flowering. A distinct and striking novelty. Price \$7.50 each.

**Nymphæa Tuberosa Richardsonii.** This variety is less vigorous than *N. tuberosa*. Flowers pure white and quite double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water; the sepals and outer petals drooping form an entirely distinct and novel flower. Price \$1.00 each.



NELUMBUM SHIROMAN

## TENDER WATER LILIES—Night=Blooming Varieties.

The following varieties are among the choicest of Aquatic plants, and most valuable for cut flowers (excepting Victorias). Unlike the native and European varieties, which open with the rising sun and close after noon, these open after sunset and remain open until after sunrise, and in dull weather and toward fall remain open until noon. These cannot be planted out in the open tank until warm weather.

### VICTORIA—The Royal Water Lily.

Of all the family of Water Lilies, the grandest and most gorgeous is this species. It inhabits the tranquil bays and lakes of the great streams of South America. Its gigantic leaves are from five to six feet across, turned up round the edges, the upper surface of a bronzy-green, the under side a vivid crimson; furnished with strong veins, which are cellular, filled with air, and form a regular and elegant network. The under surface of the leaf, as well as the footstalks of the leaves and flowers, are covered with prominent and elastic prickles. The peculiar formation of the under surface of the leaves imparts to them great buoyancy. The flowers are not less marvelous than the leaves, being, when expanded, twelve to fifteen inches in diameter; the petals are very numerous; their color at first pure white, passing by successive shades into a rosy hue and a lively red, and they exhale an agreeable odor not unlike a rich pineapple during the first day of blooming. In the States north of Virginia it is safer to provide artificial heat in the tank, as the season would be too short for the plants to fully develop, although the plants will make rapid growth and their odd foliage prove a great source of pleasure, attraction and wonderment. One of the most striking features of this wonderful Aquatic is that, as grown here, it is but an annual, and that such marvelous growth can be made in the short space of six months.



ONE PLANT OF VICTORIA TRICKERI IN OUR POND AT RIVERTON.



ONE PLANT OF VICTORIA REGIA IN OUR POND AT RIVERTON.

## VICTORIA TRICKERI.

We have demonstrated to our entire satisfaction that we have in this a type that can be grown to *perfection* under the same conditions as the tropical Nymphæas. It is such a decided improvement on V. Regia that we have concluded to drop the latter from our list. Its distinctive characteristics are hardness, deeper rim to leaves, which are of a lighter green than the old variety, absence of spines on calyx, and its more vigorous growth, which is clearly shown in the illustrations above (reproduced from photographs), and producing double the number of both leaves and flowers. It has been tested under various conditions during the past year and was grown last summer at the Royal Gardens, Kew, England, where it maintained its distinctive characteristics. Price of Plants, \$5.00, \$7.50 and \$10.00 each, according to size.

### Victoria Randi—Crimson Victoria.

This variety is a very desirable and showy species. It is very similar to V. Regia, except the vertical edges of the leaves are deeper, and the flowers, though opening white, change to a deep crimson. \$5.00, \$7.50 and \$10.00 each.

Victoria plants can be safely shipped to a long distance, but we strongly recommend that only the largest and strongest plants be sent.

## NYMPHÆAS.

### NYMPHÆA COLUMBIANA.

This is a recent introduction of American origin, resembling N. Rubra in habit and flower, but the latter is many shades darker, and, unlike other Nymphæas, the flowers deepen in color each succeeding day. \$1.50 each.

### NYMPHÆA DEANIANA.

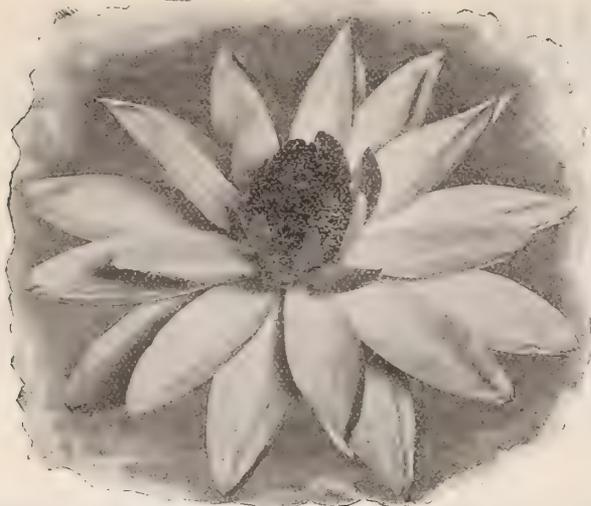
This is a strong and robust plant, with large deep green dentated foliage. The flower is beautifully cupped and stands well out of the water on a stout stalk; the sepals are deep rose-pink; stamens red. American origin. \$1.50 each.

### NYMPHÆA DELICATISSIMA.

This is entirely distinct from the preceding variety and after the style of N. Dentata; foliage large and handsome, of a metallic lustre; flowers large and of a pleasing delicate pink. American origin. \$1.50 each.

### NYMPHÆA DEVONIENSIS.

This is one of the very choicest Water Lilies in cultivation, and is indispensable in a moderate collection. The flowers are a brilliant rosy-red, a most pleasing color by artificial light, produced on stout stalks standing above the water, and are from ten to twelve inches across. The leaves are deep green with reddish shade. 50 cts. each; \$5.00 per doz.



NYPHÆA O'MARANA.

## Tender Water Lilies.

(Day-Blooming Varieties.)

### **Euryale Ferox.**

This was the noblest aquatic in cultivation before the introduction of *Victoria Regia*. Large circular leaves, about two feet in diameter, with prominent spiny veins on the rich purple under side, the upper side being olive-green, puckered and spiny. Flowers deep violet. \$2.50 each.

### **Nymphaea Cœrulea.**

(*Stellata*.)

One of the choicest of all *Nymphæas*. The flowers are a clear light blue, very delicately scented; produced in abundance through the season until frost; 6 to 8 inches across. Native of Egypt and other parts of Africa. Also known as the Blue Lotus. \$1.00 each.

### **Nymphaea Elegans.**

A pretty species, producing fragrant flowers. The size of our common Water Lilly. Color white, tinged with purplish-blue. The stamens are clear yellow, tipped with blue; a charming flower. Native of New Mexico. \$1.00 each.

### **Nymphaea Flava.**

The well-known yellow Water Lily of Florida. 25 cts. each, \$2.50 per doz.

### **Nymphaea Gracilis.**

A Mexican variety of great merit, being the only white day-blooming tropical variety under cultivation; is worthy of special interest. The flower is white; stamens rich golden-yellow. A very distinct and free-flowering variety, the flowers standing well above the water, and possessing a delicate fragrance resembling Lily of the Valley. \$1.00 each.

### **Nymphaea Gigantea.**

*N. Gigantea* is one of the handsomest of *Nymphæas*, the color being a satiny blue, shading to white, with yellow silk-like stamens. The leaves are dentated, green above, and bright purple beneath. It is very impatient of root disturbance, and often a check from some unknown cause will result in the plant forming a tuber and resting for an indefinite period. A most desirable *Nymphaea*, and one of the very best in cultivation. \$2.50 each, extra sized \$5.00 each.

### **Nymphaea Dentata.**

The largest and best white, night-blooming variety; flowers of the largest size; long, pointed buds, on strong stalks, opening horizontally; leaves deep green, with serrated edges. Native of Sierra Leone. (See cut.) 50 cts. each, \$5.00 per doz.

### **Nymphaea Lotus (*Thermalis*).**

This plant grows in vast quantities in the plains of lower Egypt during the time the land is under water. The flowers are white, sepals red at the margins; cup-shaped, with broad petals; leaves serrated as in *N. Dentata*. \$1.00 each.

### **Nymphaea O'Marana.**

This hybrid *Nymphaea* is of the *Dentata* type, a vigorous grower and free-flowering; the leaves are bronzy-green, deeply dentated; the flowers are of the largest size, opening horizontally; color rosy-red; stamens orange-red; a most attractive flower. (See cut.) \$2.50 each; extra size \$5.00 each.

### **Nymphaea Rubra.**

Very similar to *N. Devoniensis*, save the petals are not so pointed. The flower is a trifle cupped and a shade or two lighter, is equally as free in blooming and a strong grower. Native of East India. \$1.00 each.

### **Nymphaea Rubra-Rosea.**

One of the very best red Water Lilies in cultivation. The flowers which are produced very freely are 10 to 12 inches in diameter, are deep rosy-carmine, much superior to the much-admired *N. Devoniensis*. \$2.00 each.

### **Nymphaea Smithiana.**

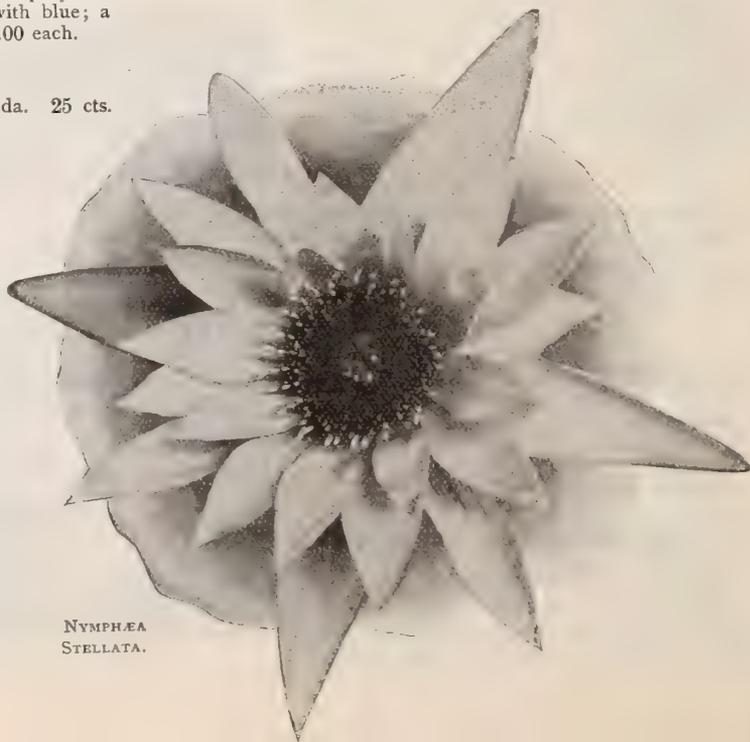
The flowers of this beautiful variety are perfectly cup-shaped, the broad and massive inner petals creamy white, the outer ones striped with green and suffused with delicate pink, and the stamens a golden-yellow, which gives an indescribably beautiful illuminating effect to the interior of the fragrant chalice; garden hybrid of American origin. \$2.00 each.

### **Nymphaea Sturtevantii.**

A superb variety. The flowers are of the largest size, and more cup-shaped than *N. Rubra*. Color bright rosy-red, distinct and very choice variety, requires to be started early. Garden hybrid of American origin. \$2.50 each, extra sized \$5.00 each.



NYPHÆA DENTATA.

NYPHÆA  
STELLATA.

**NYMPHÆA MEXICANA.**

A valuable addition to this class of Nymphæas, closely resembling *N. Flava*. The flowers are rich golden-yellow, five inches in diameter; produced freely through the season until frost. New Mexico. 30 cts. each.

**NYMPHÆA PULCHERRIMA.**

The flowers of this handsome variety are of the largest size—ten to twelve inches in diameter—of a bright violet hue, resembling in color those of *N. Gigantea*, excepting the bases of the petals and the stamens, which are deep yellow. The buds are long, pointed and irregularly striped with chocolate red. Leaves bronzy-green, slightly blotched red. \$2.00 each.

**NYMPHÆA SCUTIFOLIA (Versicolor, Radiator).**

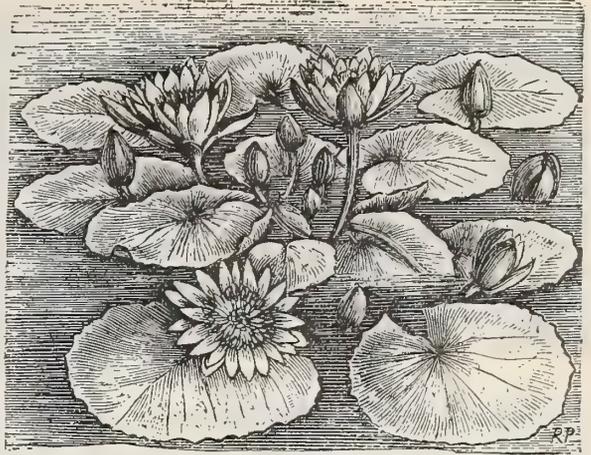
A distinct variety; flowers large; bright blue; petals white at base, sweet-scented, flower buds spotted with reddish-brown, a strong grower and free bloomer. From the Cape of Good Hope. 75 cts. each.

**NYMPHÆA ZANZIBARENSIS.**

This is indeed a Royal Lily; flowers very large; deep purple, sepals deep green on the outside and purple within; margin red. This is one of the most beautiful and free-flowering of all Water Lilies, exquisitely fragrant. The stock offered is guaranteed to be the true dark variety. Native of Zanzibar. (See cut.) \$2.00 each.

**NYMPHÆA ZANZIBARENSIS AZUREA.**

This is similar to the preceding variety except in color, being



**NYMPHÆA ZANZIBARENSIS.**

deep rich azure blue, one of the very best for general purposes. 50 cts. each, \$5.00 per doz.

**NYMPHÆA ZANZIBARENSIS ROSEA.**

Similar in every respect to the preceding, save in color, which is a beautiful deep rose; under surface of leaves also red; should be in every collection; very choice. 50 cts. each, \$5.00 per doz.

••• **HARDY WATER LILIES** •••  
**NELUMBIUMS.**



**NELUMBIUM ALBUM GRANDIFLORUM.**

An exceedingly beautiful variety, producing immense flowers of pure ivory whiteness, very scarce. \$2 00 each.

**NELUMBIUM ALBUM STRIATUM.**

The flowers of this exquisite variety are pure white, the edges of the petals are irregularly striped and tipped with rosy carmine. Their fragrance is quite distinct from the other varieties, somewhat resembling that of Magnolia. The plant is very vigorous and rivals in stately growth that of the *N. Speciosum*. \$1.50 each.

**NELUMBIUM LUTEUM (American Lotus).**

This grand Lotus is indigenous in several sections of the United States, but is nevertheless little known generally. It

**SPECIAL OFFER.**—The set of 6 Nelumbiums (one of each) for \$7.50.

*The prices quoted are for tubers; pot-grown plants can be supplied after June 1st at an advance of 25 per cent.*

No flowering plants, aquatic or others, are more worthy of cultivation than the Nelumbiums, and none can be cultivated more easily. If they never bloomed, their foliage alone would be enough to win the admiration of every one. Their enormous leaves, of tender bluish-green, held aloft on tall flexible stalks, sway and wave in the highest winds. But when this is crowned with a wealth of beautiful flowers, gigantic in size, exquisitely tinted, perfect in form, and with a perfume strong yet delicate, it is easily understood why they hold the foremost place amongst aquatics.

Nelumbiums are perfectly hardy when established, and withstand the rigors of winter in the Northern States. They may be grown under same conditions as the hardy Nymphæas, but should not be planted as early as the latter, the middle to the latter end of May is early enough in Northern sections; when planting is unavoidably delayed until the end of May or June, established plants in pots are preferable.

Full directions for the cultivation of all Aquatics are given in the book, "**THE WATER GARDEN.**" Price, \$2.00 postpaid. Or given as a premium on orders for plants amounting to \$20.00 or over (when accompanied by remittance).

*For New Varieties of Nelumbiums, see page 96.*

**NELUMBIUM KERMESINUM.**

Another distinct and charming variety, bearing flowers resembling the *Hermosa* Rose in color. It received the award of a first-class certificate of merit from the Massachusetts Horticultural Society. \$1.50 each.

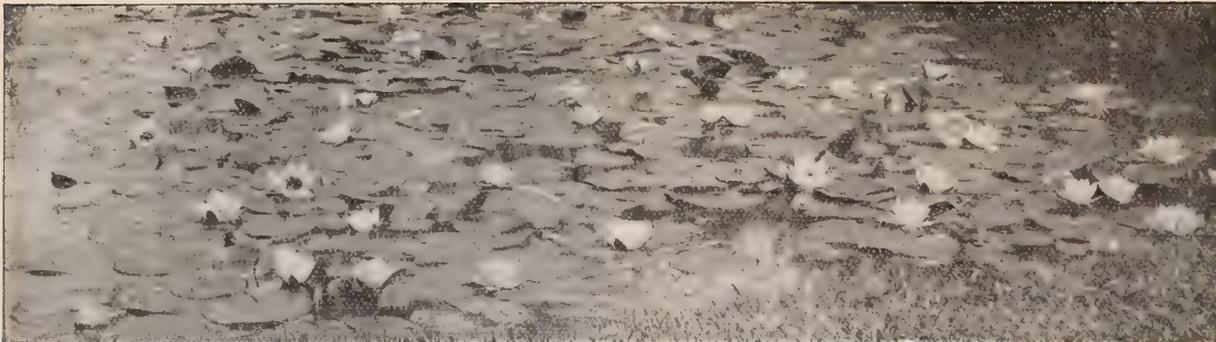
thrives under the same conditions as *N. Speciosum*, from which it differs only in the color of its flowers, which are of a rich sulphur-yellow tint. 75 cts. and \$1.50 each, \$7.50 per doz.

**NELUMBIUM ROSEUM.**

Flowers of a uniform deep rose pink color, much darker than *Speciosum*. \$1.50 each, \$15.00 per doz.

**NELUMBIUM SPECIOSUM (Egyptian Lotus).**

The well-known and far-famed species. Its superb flowers and magnificent foliage produce a splendid subtropical effect. The flowers, which are about a foot across when fully opened, are of a deep rose color, with a soft creamy white at bases of the petals; exquisitely fragrant. Flowering tubers or plants 75 cts. and \$1.50 each, \$7.50 and \$15.00 per dozen.

A CORNER OF OUR POND OF *NYPHÆA MARLIACEA* (reproduced from a photograph).

### *Nymphæa Alba.*

This is the hardy English Water Lily; beautiful deep green foliage; flowers pure white; cup-shaped; a continuous bloomer from early summer until fall. 75 cts. each, \$7.50 per dozen.

### *Nymphæa Alba Candidissima.*

The large flowering variety of the English Water Lily; flowers 6 inches in diameter; pure white with broad petals; the earliest flowering variety, and continuous until frost; a superb variety. 75 cts. each, \$7.50 per dozen.

### *Nymphæa Laydekeri Rosea.*

A French hybrid of the *N. Fygmæa* type. It is one of the best additions to this class of plants, and a gem of the first water. The flowers, on opening, are a delicate pink with a deep golden centre; next day the petals are many shades deeper, the sepals retaining their whiteness inside; the outer ray of stamens rich deep yellow, centre ones orange; the third day the petals assume a deep rose color. It frequently happens that several flowers in different stages of development are to be seen at the same time, which presents a novel feature, as it appears at first sight as if one plant produced different colored flowers. Awarded many certificates. \$2.50 each.

### *Nymphæa Marliacea Albida.*

The finest white Water Lily of the English type. The color is sparkling white. The flowers are fragrant and freely produced. First class in size and beauty. \$1.00 each.

### *Nymphæa Marliacea Carnea.*

Similar to the preceding variety in habit, very robust and free flowering; magnificent flowers of a flesh tint; a delicate blush; vanilla-scented; charming. \$1.00 each.

### *Nymphæa Marliacea Chromatella.*

A charming variety. The general habit of the plant is similar to *Nymphæa Candidissima*, and it succeeds admirably under the same conditions. The leaves are mottled with brown when in a young state, and its large, fragrant flowers, which are a beautiful clear yellow, with bright orange stamens, are produced from early spring until destroyed by frost. A great acquisition. 50 cts. each, \$5.00 per dozen.

### *Nymphæa Marliacea Rosea.*

This beautiful variety of French origin, and one of the choicest of hardy pink Lilies, is yet very scarce. The large cup-shaped flowers with broad petals are very freely produced, and very similar to *N. M. Carnea*, but a much deeper color, being a soft rose of exquisite tint. \$1.50 each.

### *Nymphæa Odorata.*

The well-known fragrant Pond Lily. Pure white flowers. Is worthy of a place among the choicest varieties. All *Nymphæas* of this type are useful for naturalization. 20 cts. each, \$2.00 per dozen.

### *Nymphæa Odorata Caroliniana.*

This superb variety is the grandest of all the *Odorata* type, and cannot be too highly recommended. The plant is robust and very free-flowering, continuing until frost sets in. The flowers on well-grown specimen plants are very large, measuring 7 inches in diameter; the color is of the clearest rosy

pink the faintest tint at the points deepening to the centre of the flower, the golden stamens reflecting a lovely salmon tint, deliciously fragrant. \$1.50 each.

### *Nymphæa Odorata Exquisita.*

This is the deepest colored of all the hardy *Nymphæas*, resembling *N. Odorata Rosea* in habit and growth. Flowers larger and of a rich rosy, carmine color, with delicious fragrance; an exquisite variety. \$1.50 each.

### *Nymphæa Odorata Gigantea.*

This is a superb variety and should be in every collection, similar in all respects to *N. Odorata*, but the flower is very large and full. 20 cts. each, \$2.00 per dozen.

### *Nymphæa Odorata Maxima.*

A superb new variety, quite distinct from and very much superior to *N. Odorata*. Its flowers are large, massive and cup-shaped; the broad petals, of purest snowy white, so numerous that the flower is apparently double; the sepals vivid green; without the slightest tinge of red. It is a vigorous free-flowering variety, and unquestionably the best white hardy *Nymphæa* of the *Odorata* type. 75 cts. each.

### *Nymphæa Odorata Minor.*

A pretty little variety of our native Pond Lily, equally as hardy and fragrant, but the flowers and leaves are much smaller. (See cut.) 20 cts. each, \$2.00 per dozen.

### *Nymphæa Odorata Rosea.*

(The popular Pink Cape Cod Water Lily.)

It possesses all the desirable qualities of *N. Odorata*. The flowers are of large size, cup-shaped; a lovely deep pink in color; delicious fragrance and free bloomer; a most desirable variety. 50 cts. each, \$5.00 per dozen.

### *Nymphæa Odorata Sulphurea.*

One of the very best new Water Lilies, with large, yellow fragrant flowers, standing a few inches out of the water. It is very free blooming and has the fragrance of *N. Odorata*. The leaves are deep green, beautifully mottled with reddish-purple or brown spots; a great acquisition. 50 cts. each, \$5.00 per dozen.



NYPHÆA ODORATA MINOR.

**Nymphæa Pygmæa.**

A little gem, the smallest flowering species in cultivation; leaves green, two to three inches in diameter, flowers pure white, fragrant, and no larger than half a dollar; a native of China and quite hardy. 50 cts. each.

**Nymphæa Pygmæa Helvola.**

This charming variety is admirably adapted for the aquarium, small basins and tubs. It is a very free-growing plant; an abundant bloomer; flowers a trifle larger than the type, 3½ inches diameter; petals more pointed and sulphur yellow. The leaves are deep green, blotched with reddish-brown. \$1.00 each, \$10.00 per dozen.

**Nymphæa Tuberosa.**

This is a native species found in the Northern and Western lakes. White flowers, fragrant. A strong grower and interesting variety. Good for naturalizing in ponds. 20 cts. each, \$2.00 per dozen.

**Nymphæa Tuberosa Rosea.**

Handsome flowers, exquisite pink, deliciously fragrant, one of the most desirable of hardy water lilies. Price \$1.00 each.

The new book, "*The Water Garden*," gives many valuable points on the formation of artificial ponds, etc. Price, \$2.00, postpaid.

**MISCELLANEOUS AQUATICS (Tender Varieties).**

**Aponogeton Distachyon.**

(Cape Pond Weed.)

A very interesting aquatic. The fork-shaped spikes of pure white flowers are freely produced at all seasons of the year and have the fragrance of Hawthorn. 50 cts. each.

**Cyperus Alternifolius.**

An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 15 cts. and 25 cts. each.

**Cyperus Gracilis.**

A pretty new form of Cyperus with very narrow foliage, entirely distinct. 15 cts. each.

**Cyperus Alternifolius Variegata.**

Beautiful variegated form of C. Alternifolius, very attractive and desirable, always scarce. 50 cts. each.



APONOGETON DISTACHYON.

**Cyperus Natalensis.**

An ornamental species, large Pandanus-like foliage; an elegant specimen plant. 15 and 25 cts. each.

**Cyperus Papyrus.**

(Papyrus Antiquorum.)

This is the true Egyptian Paper Plant. From the snow-white pith of its triangular stalks the first paper was made. They are 5 to 8 feet high, and support at the top a tuft of long thread-like leaves, which give the plant a graceful and striking appearance. It grows finely in shallow water with rich soil, and makes a splendid companion for flowering aquatics. It will also flourish and make a fine clump in the garden, with no more water than Cannas require to make them do well. 25 cts. each; extra size 50 cts. and \$1.00 each.

**Cyperus Pungens.**

This is very similar to C. Alternifolius, but is a deep green color, and grows taller, and is much stiffer. 25 cts. each.

**Eichhornia Azurea.**

This new species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender blue, with a rich purple centre; petals delicately fringed. 25 cts. each.

**Limnanthemum Indicum.**

(Water Snowflake.)

A very pretty floating species, with light green, roundish leaves, and pure white flowers most beautifully fringed. 20 cts. each.

**Limncharis Humboldtii.**

(The Water Poppy.)

A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. It is a good plant for growing in shallow water or an aquarium. 15 cts. each, \$1.50 per dozen.

**Limncharis Plumieri.**

An erect-growing plant, standing 1 to 2 feet out of the water, with elliptical leaves 4 to 6 inches long, and of a rich velvety green. Flowers, straw color. 25 cts. each.

"*The Water Garden*," an up-to-date book on Water Lilies. Price, \$2.00, postpaid, or given as a premium on a \$20.00 order for plants when accompanied by remittance.



CYPERUS ALTERNIFOLIUS.

**Eichhornia Crassipes Major.**

(Water Hyacinth.)

A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a Hyacinth. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. 15 cts. each, \$1.50 per dozen.

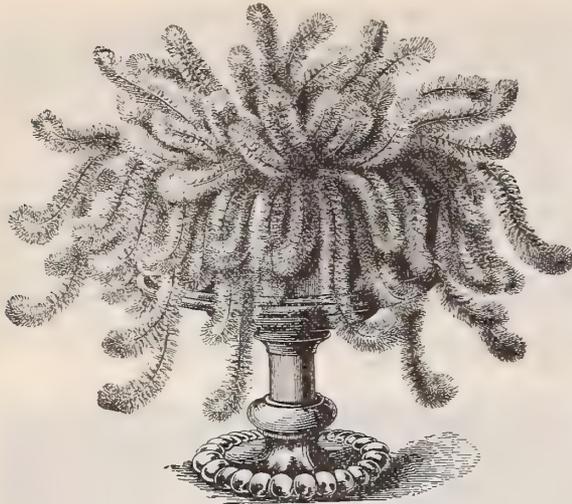
**Jussiaea Longifolia.**

A very attractive and desirable aquatic, growing 2 to 3 feet high. Erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden-yellow, somewhat like an Evening Primrose. A good plant for tubs or planting on edge of pond. 25 cts. each.

**Limnanthemum Trachyspermum.**

(The Fairy Water Lily.)

Resembles a miniature Water Lily. The leaves are about 3 inches in diameter, flowers pure white, and borne close to the leaves and upon the same stem. 15 cts. each.



PARROT'S FEATHER.

### **Pistia Stratiotes.**

A very curious plant, which floats upon the water. Its long fibrous roots extend downwards, but have no connection with the soil. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat, and should be shaded from the direct rays of the sun. 15 cts. each.

### **Sagittaria Lancifolia.**

A strong growing and very attractive species. Unlike the more familiar varieties its leaves are lanceolate, 18 inches long, and on a long and stout petiole never sagittate. The scape rises 5 feet high and is covered with large, handsome, pure white flowers, 2 inches in diameter. Price 20 cts. each; \$2.00 per doz.

### **Sagittaria Graminea.**

The smallest form of Sagittaria; leaves linear or grass-like; flowers white; produced in great abundance and remains in bloom longer than any other variety. Well adapted for tubs, shallow water, or aquariums. Price 15 cts. each.

## MISCELLANEOUS HARDY AQUATICS.

**Acorus Japonica Variegata (Variegated Sweet Flag).** The foliage of this plant is beautifully striped with white. It grows well in dry or moist soils. One of the finest variegated plants in cultivation. 25 cts. each; \$2.50 per doz.

**Acorus Gramineus Variegatus.** Dwarf growing, with leathery leaves, beautifully margined with white; a handsome plant for margins or pot culture. 20 cts. each.

**Brasenia Peltata (Water Shield).** A very pretty plant, suitable for aquariums or edgings of small aquatic gardens. Flowers small, dull purple, appearing on the water's surface. 10 cts. each; \$2.00 per doz.



CALTHA PALUSTRIS FL. PL.

### **Myriophyllum Proserpinacoides.**

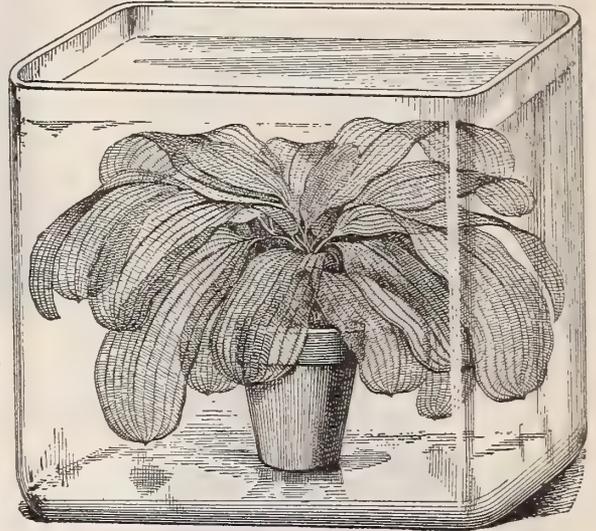
(Parrot's Feather.)

An Aquatic hanging plant is a novelty indeed, and we have it to perfection in this dainty little jewel. Its long trailing stems are clothed with whorls of the most exquisite foliage, as finely cut as the leaves of the Cypress Vine, and much more delicate. Planted in a water-tight hanging-basket, so water can be kept standing on the surface, it will trail finely. (See cut.) 15 cts. each; \$1.50 per doz.

### **Ouvirandra Fenestralis.**

(Lace-leaf or Lattice-leaf Plant.)

The chief interest of this plant lies in the remarkable singularity of the leaves, which are 6 inches to 18 inches long and from 2 inches to 4 inches broad, oblong in shape, and spread out nearly horizontally beneath the surface of the water. They are of a dark, olive-green color, merely a network of vascular tissue, resembling lace, or a skeletonized leaf. A compost of good, rich soil, as recommended for water-lilies, is suitable for this plant. The pot or pan should be placed in a tub of water and kept clean and sweet, and from direct sunlight. Native of Madagascar. (See cut.) Price \$2.50 each. Specimen plants \$5.00 each.



OUVIRANDRA FENESTRALIS.

**Caltha Palustris (Marsh Marigold).** Large, bright yellow flowers, produced early in spring. 15 cts. each; \$1.50 per doz.

**Caltha Palustris Fl. Pl.** Large double golden-yellow flowers resembling a double Begonia; blooms early in spring. (See cut.) 25 cts. each.

**Iris.** These are admirably adapted for the water-garden margins of ponds and streams. See page 143.

**Juncus Conglomeratus Variegatus.** A very distinct and attractive plant with long yellow striped foliage. 20 cts. each.

**Limnanthemum Nymphæoides (Villarsia).** A pretty hardy aquatic, with Nymphaea-like leaves and golden-yellow flowers, freely produced; a very rapid grower. Must be kept in bounds or it will become a troublesome weed. 15 cts. each; \$1.50 per doz.

**Limnanthemum Lacunosum (Floating Heart).** A pretty little aquatic with blotched leaves, much like a Cyclamen, pure white flowers. 15 cts. each; \$1.50 per doz.

**Orontium Aquaticum.** An aquatic with large, beautiful, velvety green leaves on the upper surface, and of a bright silvery white color on the back; flower small yellow. 15 cts. each; \$1.50 per doz.

**Peltandra Virginica (Water Arum).** Leaves on long petioles, something like a Calla in outline, with greenish flowers, growing a foot or more out of the water. 15 cts. each; \$1.50 per doz.

**Pontederia Cordata (Pickerel Weed).** A free-flowering plant, growing about 2 feet high, and producing spikes of closely-set blue flowers. 15 cts. each.

**Scirpus Tabernæmontana Zebrina.** A very ornamental rush, growing 3 to 4 feet high, producing leaves variegated in the same manner as a porcupine quill, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or winter plant. 15 cts. each; \$1.50 per doz.

**Zizania Aquatica (Wild Rice).** This native aquatic annual is very ornamental in the water garden; its graceful panicles of bloom are produced on stalks 5 to 10 feet high; should be grown in shallow water. 10 cts. each; 75 cts. per doz.

# AQUARIUM PLANTS.

Nothing is more interesting than to watch the development of aquatic plants in an aquarium. We grow large quantities of such varieties as we have found to succeed with the average amateur. The following is a list of the best sorts:

**Azolla Filiculoides** (*Floating Moss*). A most pleasing and interesting plant. The leaves are deep green, reddish on edges and under side, resembling a selaginella or moss. 20 cts. each.

**Cabomba viridifolia**. A most delicate and interesting aquatic, valuable for aquariums; where seen growing it is the most pleasing of all the submerged plants, leaves brilliant, glossy green, fan-shaped, regularly cut and more beautiful than the most delicate fern. 15 cts. each.

**Cyperus alternifolius**. (See page 101.) 15 and 25 cts. each.

**Cyperus alternifolius gracilis**. (See page 101.) 15 cts. each.

**Eichhornia crassipes major** (*Water Hyacinth*). (See page 101.) 15 cts. each.

**Limnium spongia** (*American Frog-Bit*). A pretty aquatic, with dark green heart-shaped leaves, purplish underneath, the slender hairy roots also tinged purple. 10 cts. each.

**Limncharis Humboldtii** (*The Water Poppy*). (See page 101.) 15 cts. each.

**Ludwigia Mulertii**. A submerged plant with creeping or floating stems, the small ovate leaves are of a bright bronzy green; small yellow flowers produced above water. 15 cts. each.

**Myriophyllum proserpinacoides** (*Parrot's Feather*). (See page 102.) 15 cts. each.

**Myriophyllum verticillatum**. A submerged plant, leaves finely divided, somewhat crowded, very desirable for the aquarium. 15 cts. each.



STRATIOTES ALOIDES (*Water Aloe*).

**Pistia stratiotes** (*Water Lettuce*). A very ornamental aquarium plant, leaves wedge-shaped, 2 inches to 5 inches long; it forms a rosette of light green velvety leaves. 15 cts. each.

**Sagittaria graminea**. (See page 102.) 15 cts. each.

**Sagittaria natans**. This plant is indispensable for the aquarium, its long strap-like green leaves resemble the well-known *Vallisneria*. 15 cts. each.

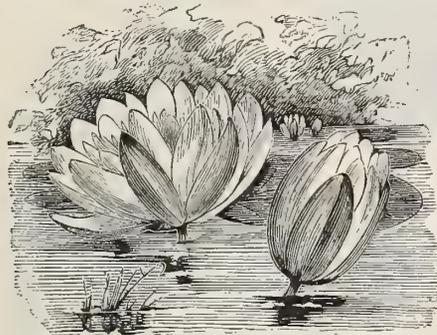
**Salvinia Braziliensis**. This pretty little floating aquatic is suitable for all aquaria; simply requires to be let alone or have the water changed if necessary. The leaves are a soft green, covered with a delicate hairy surface. 15 cts. each.

**Stratiotes aloides** (*Water Aloe*). This much resembles a *Pandanus*, but grown under the water instead of above, it has long spiny recurving leaves and spikes of white

flowers, which are produced above the water. Easily grown; a great curiosity and very scarce. (See cut.) 25 cts. each.

**Trapa Natans** (*Water Chestnut or Water Caltrops*). An aquatic annual from the South of Europe, producing white flowers with purple claws, floating among the foliage on the surface of the water. The fruit is very curious. A very desirable plant for the aquarium, tubs or shallow water. 25 cts. each.

**Vallisneria spiralis** (*Tape or Eel Grass*). Ribbon-like. A submerged plant with leaves about 6 inches long; a free-growing and desirable plant. 15 cts. each.



# SEEDS OF WATER LILIES.

Raising seedling plants of all kinds has a peculiar charm and fascination, and a few remarks on the growing of Water Lilies from seed may be of service.

The soil should be precisely the same as is used for the vast majority of flower seeds; that is, any good garden soil, nicely sifted, with a small addition of sand. The Tender *Nymphæas* and *Victorias* should be sown in early Spring. It is advisable to sow the hardy sorts late in Autumn, the seed usually lying dormant throughout the Winter and coming up in the Spring. Sow in pots, boxes or pans (the latter is best); fill with soil to within half an inch of the top; sow the seed thinly and cover lightly with sand and stand in water for two days until the seed is thoroughly soaked, which will prevent any from floating when the pots are submerged, which they should be in water at a temperature as near 70 degrees as can be maintained. Two or three inches of water

over the pots are sufficient depth. As soon as the seedlings make two or three leaves, they should be transplanted into pots or pans; as soon as floating leaves two or three inches in diameter are produced, pot singly into three-inch pots, and when well rooted repot into four-inch pots, from which size they may be planted into their Summer flowering quarters. In repotting into the four-inch size, a compost of one-half thoroughly rotted cow manure and one-half good loam should be used. When planted into permanent quarters, the same compost should be used, and the surface covered with clean sand.

Full descriptions of the various sorts offered below will be found on the preceding pages.

|  | PER PKT. |  | PER PKT. |
|--|----------|--|----------|
| <b>Eurayle Ferox</b> . 20 cts. each; \$2.00 per doz. |          | <b>Nymphæa Lotus</b> .....                               | 15       |
| <b>Nelumbium Album Grandiflorum</b> .....            | 15       | — <b>Caroliniana</b> .....                               | 15       |
| — <b>Kermesinum</b> .....                            | 15       | — <b>Rosea</b> .....                                     | 15       |
| — <b>Luteum</b> .....                                | 15       | — <b>O'Marana</b> .....                                  | 15       |
| — <b>Roseum</b> .....                                | 15       | — <b>Scutifolia</b> .....                                | 15       |
| — <b>Speciosum</b> .....                             | 15       | — <b>Tuberosa Rosea</b> .....                            | 15       |
| — <b>Shiroman</b> (New Double White).....            | 25       | — <b>Zanzibarensis</b> . Purple.....                     | 15       |
| <b>Nymphæa Cœrulea</b> .....                         | 15       | — <b>Azurea</b> . Blue.....                              | 15       |
| — <b>Dentata</b> .....                               | 15       | — <b>Rosea</b> . Rose.....                               | 15       |
| — <b>Gracilis</b> .....                              | 15       | <b>Victoria Trickeri</b> . 30 cts. each; \$3.00 per doz. |          |
| — <b>Hybrida</b> . Mixed varieties.....              | 15       | — <b>Randii</b> . 30 cts. each; \$3.00 per doz.          |          |

# PLANT DEPARTMENT

## SELECT LIST OF BEST GARDEN AND GREENHOUSE PLANTS.

### ABUTILONS.

**Souvenir de Bonn.** The most distinct and striking Abutilon yet introduced.

The foliage is large and of a deep green color, not mottled and marbled as in all other forms, but each leaf is edged with a broad white margin, not unlike the silver-leaved Geraniums. The plant is of strong, robust growth and forms beautiful specimens in a very short time.

**Arthur Belsham.** Red shaded gold, a fine flower.

**Boule de Neige.** Fine, pure white, very free.

**Eclipse.** A splendid variegated variety, especially suited for baskets and vases; foliage marbled green and yellow, flowers of fair size, sepals scarlet, petals orange-buff.

**Golden Fleece.** Fine pure yellow; remarkably free-flowering, the best Abutilon yet introduced. (See cut.)

**Mrs. John Laing.** Purplish-rose.

**Royal Scarlet.** Rich shining scarlet, very fine.

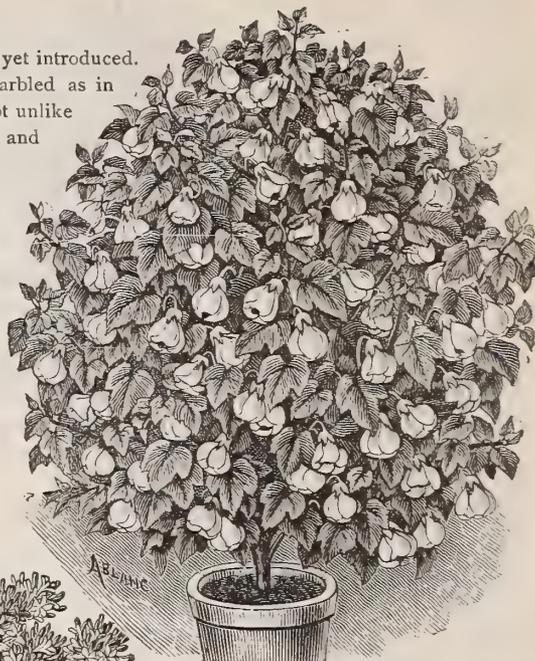
**Rosaeflora.** Pretty pinkish-rose.

**Splendens.** Free-flowering, bright red.

**Striata Splendida.** A grand variety with bright orange flowers striped with crimson.

**Thompsoni Plena.** Perfectly double flowers that resemble in form a double hollyhock; rich deep orange, streaked with crimson.

10 cts. each, \$1.00 per doz.; the set of 11 varieties for \$1.00.



ABUTILON GOLDEN FLEECE.

### ACHIMENES.

Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during the winter. In early spring pot in peat, sand and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. Six choice varieties named. 15 cts. each, \$1.50 per doz.



AGAPANTHUS.

### AGAPANTHUS UMBELLATUS.

(Blue Lily of the Nile.)

This is a splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant for outdoor decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, a rapid grower, and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots. With ordinary care it is a plant that will last forever. Strong flowering plants. 25 cts. each, \$2.50 per doz.

### AGAPANTHUS UMBELLATUS ALBUS.

A beautiful white flowering variety of the above. 50 cts. each.

### ALOCASIA SANDERIANA.

The most beautiful and striking of the genus. The leaf is arrow-shaped with deeply toothed margin, which, like the veins and mid-ribs, are creamy-white, while the body of the leaf is deep glossy green with metallic-blue reflection. A very rare plant of recent introduction. (See cut.) \$2.50 each.

### ALOCASIA ILLUSTRIS.

An excellent plant to grow in connection with fancy-leaved Caladiums or for planting in the open border in a partly shaded position. The foliage is large, of a dark green, clouded with a velvety blue-black. 15 cts. each, \$1.50 per doz.



ALOCASIA SANDERIANA.



ALLAMANDA WILLIAMSI.

**ANTHEMIS CORONARIA  
DOUBLE.**

One of the most useful plants for bedding or pot culture. It bears its golden-yellow double flowers profusely during the entire season. 15 cts. each, \$1.50 per doz.

**ARDISIA CRENULATA.**

A very ornamental greenhouse plant, with dark evergreen foliage, producing clusters of brilliant red berries; a first-class house-plant in winter. (See cut.) 25, 50 and 75 cts. each, according to size.

**ARISTOLOCHIA  
ELEGANS.**

One of the best summer climbers; of rapid and dense growth. It bears profusely, even on small plants, its handsome and elegant flowers, of a rich dark purple color, ornamented throughout with irregular markings of a creamy-white, and having a yellow eye. 25 cts. each, \$2.50 per dozen.



ARDISIA CRENULATA.

**ARAUCARIA.**

**Excelsa (Norfolk Island Pine).** The most popular of all the tender evergreens; is becoming a greater favorite every season. Anticipating a large demand, we have prepared four large houses of this plant, ranging in size from small plants 6 inches high to specimens of 6 and 7 feet. As a decorative plant for the house this is one of the handsomest and most serviceable plants in our collection.

|                              |              |                                |              |
|------------------------------|--------------|--------------------------------|--------------|
| 4-in. pots, 6 to 8 ins. high | EACH. \$1 00 | 6-in. pots, 15 to 18 ins. high | EACH. \$2 50 |
| 5 " 12 to 15 "               | " 2 00       | 7 " 28 to 30 "                 | " 5 00       |
| 9 " 30 "                     | heavy        |                                | 7 50         |

**Excelsa Glauca.** This is identical with the above, except in the color of the foliage, which is of a beautiful bluish or glaucous color. The plants we offer of this are exceptionally heavy, fine, dwarf specimens.

|                         |              |                          |              |
|-------------------------|--------------|--------------------------|--------------|
| 5-in. pots, 8 ins. high | EACH. \$1 50 | 8-in. pots, 25 ins. high | EACH. \$7 50 |
| 6 " 15 "                | 3 50         | 9 " 36 "                 | 12 50        |

**Robusta Compacta.** This differs from *A. Excelsa* in its more robust, but at the same time more compact growth, producing even a more symmetrical plant than *Excelsa*; the color is a rich, deep green. Strong plants, in 5-in. pots, 10 inches high, \$2.50 each.

**ASPIDISTRA.**

**Lurida.** A very useful and durable decorative plant of strong growth; will succeed in any position; an excellent hall or corridor plant. 50 cts., 75 cts. and \$1.00 each.

A limited number of large specimen plants about 2 feet across, \$5.00 each.

**Lurida Variegata.** A pretty, variegated form of the above, the foliage being striped with white. 75 cts. and \$1.00 each.

**ALLAMANDA WILLIAMSI.**

This handsome variety is entirely distinct from all others, being quite dwarf and forming a compact bush with trusses of bloom at every point. It continues flowering the whole summer, and, with proper management, in the winter also. The flowers are from 3½ to 4½ inches in diameter, of a very rich yet delicate tint of yellow, and are deliciously scented. (See cut.) Good strong plants 25 cts. each, \$2.50 per dozen.

**AMARYLLIS.** See page 94.

**ANTHERICUM.**

**Vittatum Variegatum.** Desirable for centres of baskets, vases, etc. Long narrow foliage, striped white. 15 cts. each, \$1.50 per doz.

**Picturatum.** Differs from the well-known Anthericum Vittatum Variegatum in having a bright yellow band running through the centre of the leaf, edged with bright pea-green. 25 cts. each, \$2.50 per doz.

**ANTHURIUM (Flamingo Flower).**

**Andreanum.** A beautiful plant, with large brilliant scarlet flowers of a leathery texture. They remain in perfection for weeks. Strong plants, \$2.00 each.

**Scherzerianum.** One of the most striking, producing beautiful brilliant scarlet flowers, each of which remains from two to three months in bloom. 50 cts. each.

**Grande.** Foliage bright, rich velvety-green, principal veins elegantly banded with silvery-white. When young, the leaves are of a violet-rose color, beautifully marked. \$1.00 and \$1.50 each.

**ARALIA.**

**Sieboldii.** A most excellent house-plant, having large, deeply cut foliage, which is of a bright, cheerful green color. 50 cts. each.

**Sieboldii Variegata.** A pretty, variegated form of the above; strong plants. 75 cts. and \$1.00 each.

**Chaubrieri.** A most graceful species with finely divided bronzy-green foliage; useful table plants. 18 inches high. \$1.50.



ARAUCARIA EXCELSA.

## ASPARAGUS.

**Sprengeri.** A most desirable new species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently four feet long, of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced for many years. Strong plants 25 cents each; \$2.50 per doz.

Large specimen plants \$1.00 each.

**Plumosus Nanus.** This graceful climbing Asparagus has to a great extent taken the place of the once popular *Smilax* in all fine decorations. It possesses the advantage of being much more graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright, cheerful green. It is an excellent house plant, succeeding under almost any conditions. 25 cents and 50 cents each; \$2.50 and \$5.00 per doz.

**Tenuissimus.** A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage. As a decorative plant for contrast with the foliage of other plants it is one of the most effective. 25 cents each; \$2.50 per doz.

## CHINESE AZALEAS.

These beautiful plants are deservedly becoming more popular every season for window and conservatory decorations.

The ease with which they can be grown, their diversity in color, and freedom of flowering, will always keep them in public favor.

The plants we offer are all beautifully trained specimens, and even when not in flower are fine decorative plants. Our collection comprises the cream of the best Continental establishments; all the sizes offered will flower freely in proper season.

Our collection embraces all the leading colors, including crimson, white, rose, pink, variegated, blood-red, etc., etc.

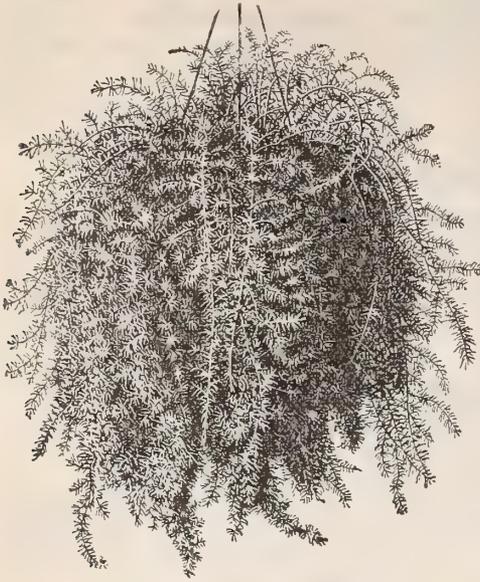
First size, 36 to 45 inches in circumference, \$1.50 each, \$15.00 per dozen.

Second size, 36 inches in circumference, \$1.00 each, \$10.00 per dozen.

Third size, 30 inches in circumference, 75 cts. each, \$7.50 per dozen.

Good bushy young plants, 50 cts. each, \$5.00 per dozen.

An extra fine lot of specimen plants, 5 to 6 feet in circumference, \$4.00 each, \$45.00 per dozen.



ASPARAGUS SPRENGERI.

## BEGONIA REX.

(Ornamental Leaved Varieties.)

Many improvements have been made in recent years in this useful house plant, our collection, which contains some twenty varieties, embraces all the good old varieties as well as the best of recent introduction. (See cut.) 15 cts. each, \$1.50 per doz.

## BEGONIAS.

(Flowering Varieties.)

We know of no plants better adapted to amateur cultivation than these; as pot plants for summer or winter cultivation, they have few equals.

**Haageana.** We consider this the finest ornamental flowering Begonia yet introduced and a perfect gem. It is of strong, erect habit, producing naturally very symmetrical plants which are in flower the year round; the flowers, which are of the largest size, are of a creamy white with just sufficient pink to give them a bright cheerful glow; the foliage is of large size, but not coarse, is of a bronzy green above and red below; it makes an admirable pot plant and at the same time is an excellent variety for outdoor bedding.

**Alba Pieta.** A pretty species from Brazil; distinct in character. It is shrubby in habit and of compact growth; the leaves are glossy green, freely spotted with bright, silvery white.

**Argentea Guttata.** A cross between *Begonia Olbia* and *Alba Pieta*, with foliage of large size, of rich green, spotted with silver; a beautiful variety.

**Metallica.** A fine erect-growing variety, with dark, rough leaves; the surface is a lustrous bronze green; veins depressed and dark red.

**Rubra.** Dark green leaves, flowers scarlet rose, glossy and wax-like.

**Saundersoni.** Scarlet flowers, dwarf habit; in bloom continually.

**Semperflorens Gigantea.** The flowers of this sort are brilliant carmine red, borne in large panicles. The flowers are unusually large and brilliant, and stand well above the foliage.

**Thurstonii.** A distinct and pretty shrubby variety, with thick, heavy foliage, which is of a rich metallic-green above and bright red underneath; the flowers are of a fine pink, rising well above the foliage. As a bedding plant for a partially shaded position this variety is unequalled.

Price: 15 cts. each; set of 8 varieties, \$1.00.



CHINESE AZALEA.



BEGONIA REX.



TUBEROUS BEGONIAS.

## Tuberous-Rooted Begonias.

This charming class of Begonias are perhaps the handsomest of all summer-flowering tuberous-rooted plants, and deserves much greater popularity. With the exception of the Dwarf Cannas no other plants have, during the last decade, received such close attention from the hybridizer, and the improvement made during that period in size, texture and coloring is really phenomenal, with flowers frequently measuring from 4½ to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double flowering sorts are perfect rosettes, full and double to the centre. Their culture is of the simplest, and, with the least regard for their requirements, will repay with such an abundance and brilliancy of bloom, not equaled by any other class of plants; they delight in a rich, mellow, well-drained soil where they can be liberally supplied with water, preferably in a position where they will be shaded from the direct rays of the sun during the hottest hours of the day, and will succeed equally well grown as pot plants for the conservatory or window garden. On the approach of cold weather the

tubers should be taken up, and, after drying, stored away in dry sand or similar material in a cool place free from frost until spring, when they may be started in pots before planting in the garden.

**Single. Scarlet, Orange, Crimson, Pink, White, Yellow,** 10 cts. each, set of 6 colors 50 cts., \$6.00 per 100.

**Single. All colors mixed,** 8 cts. each, 75 cts. per doz., \$5.00 per 100.

**Double. Scarlet, Pink, White, Yellow,** 30 cts. each, set of 4 colors \$1.00, \$2.50 per doz.

**Double. All colors mixed,** 20 cts. each, \$2.00 per doz.

## BOUARDIAS.

Shrubby plants, with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color makes them one of the most useful of our winter-blooming plants.

**Alfred Neuner.** Flowers composed of three perfect rows of petals of the purest waxy white color. (See cut.)

**Davidsoni.** The best of the single white varieties; sometimes delicately tinged with pink.

**Elegans.** A fine single red variety; very free-flowering.

**President Garfield.** Double pink.

**Rosea multiflora.** Beautiful shade of salmon-rose; very free-blooming.

15 cts. each, \$1.50 per dozen, set of 5 for 60 cts.

## Bougainvillea Glabra Sanderiana.

This beautiful free-flowering variety was introduced about three years ago, and on account of its free-blooming qualities has become very popular, especially as a plant for Easter decorations. It is of strong and rapid growth, and the brilliant rosy-crimson blossoms are produced from early in March until midsummer, in fact a plant will frequently flower the greater part of the year. Altogether it is a most desirable subject for the conservatory or window garden. 25 cts. and 50 cts. each.



BOUARDIA ALFRED NEUNER.



BOUGAINVILLEA SANDERIANA.

# Fancy=Leaved Caladiums

Fancy-leaved Caladiums have, in recent years, grown very rapidly in popular favor, not only for the decoration of the conservatory, greenhouse and window-boxes, but nearly all of the varieties succeed admirably if planted out of doors, when the ground has become warm, in partly shaded, sheltered borders, in well-enriched light soil, while for exhibition plants at fairs, etc., during the summer and fall months, nothing can equal their beauty.

We list below twenty-five of the choicest standard sorts, in addition to which we can also supply a large collection of new Brazilian and European varieties, a list of which will be furnished on application.

**Alphonse Karr.** Carmine centre with red spots on a green ground.

**Boildieu.** Dark green margin, bright red centre with carmine spots.

**Candidum.** White ground with strongly marked green ribs.

**Circovado.** White and green ground with broad, dark carmine ribs.

**DeCandolle.** Green, spotted with red.

**Dr. L. Wittmack.** Mingled green and pink, the broad principal ribs are blue-black.

**E. G. Henderson.** Green, with transparent rose spots and mottled crimson-rayed centre.

**Emile Verdier.** Light transparent rose color, spotted with red with a green margin.

**Guaxindiba.** White veins with centre changing to rose, many red spots.

**Inhomirim.** Green, with white markings and spots.

**Joao Capdeville.** Green, with red spots, centre delicately marked with red.

**Louis Duplessis.** Red rays and veins on a white ground, with green margin.

**Max Kolb.** Light green ground with gray centre and red spots.

**Napoleon III.** Flamed crimson centre with forked rays and carmine-red spots.

**Prince Albert Edward.** Dark emerald-green ground, crimson radiating mid-rib; white spots.

**Perle du Bresil.** White, delicately tinted with rose, mid-rib dark green.

**Princess Alexandra.** Rosy salmon, green mid-rib.

**Reine Victoria.** Green, spotted with white and crimson.



FANCY CALADIUMS.



CARYOPTERIS MASTACANTHUS  
(BLUE SPIRÆA).

**Refulgens Rubra.** Ribs and centre bright red; light green margin.

**Refulgens Venosa.** Large round leaf with white markings and red ribs.

**Roncador.** Dark rose leaves with green veins.

**Splendidum.** Centre deep crimson, dark green border.

**Timbuhy.** Large greenish-white, marked with pink.

**Villa Formosa.** Bright red, with yellowish border when young.

**Wightii.** Dark green, with white and red spots.

30 cts. each, \$3.00 per dozen; the set of 25 for \$5.50.

In addition to the above we can supply a large collection of New Brazilian varieties at 50 cts. each, \$5.00 per dozen. A list of varieties, with descriptions, will be mailed on application.

**Caladium Esculentum** (*Elephant's Ear*) will be found offered on page 94.

## CAMELLIA JAPONICA.

Fine bushy plants 15 inches high. A choice assortment of 12 varieties, 75 cts. each, \$7.50 per dozen.

## DOUBLE WHITE CAMELLIA.

Large plants, 24 to 28 inches high, \$2.00 each, \$20.00 per dozen.

## CARYOPTERIS MASTACANTHUS (Blue Spiræa).

A handsome half-hardy perennial plant recently introduced from China. It is of a vigorous growth, producing flowers in great profusion the whole length of its branches, even young plants in small pots flowering freely. The color is a rich lavender or sky-blue. A valuable plant either for bedding or pot culture, blooming continuously from midsummer until cut by frost in the fall. 20 cts. each, \$2.00 per dozen.

## CAREX JAPONICA VARIEGATA.

A new ornamental Japanese grass which is extremely useful as a house plant, of easy growth, standing the dry atmosphere of heated rooms with impunity, and at the same time hardy if planted out in the garden in summer. 15 cts. each, 4 for 50 cts.

# Large Flowering Dwarf French CANNAS.

The Most Desirable Bedding Plant

✿ for the American Garden.

As in previous seasons, we have again very carefully revised our list of Cannas, discarding all those that have shown any weak points or that have been superseded by newer and improved sorts. Many of the new varieties introduced last year showed wonderful advance and are worthy a trial; we are sure they will prove interesting. Our trial beds of Cannas the past season contained 213 varieties, from which we selected the 85 sorts offered here and in our Novelties (see pages 11 to 16)—this looks like a long list, but we do not hesitate in saying that every Canna offered possesses points of merit that make its retention desirable, and our customers cannot go wrong in one of the sorts offered.

## TWO GRAND ORCHID-FLOWERED CANNAS.

("Austria" and "Italia.")

This distinct race of Cannas was offered last year for the first time, and has given general satisfaction with the exception of being thinner and having less substance than the French varieties; do not last so long in hot, dry weather; but this objection is not serious, as they are so extremely free-flowering that they are continually in bloom. The individual flowers are very large, rarely measuring

less than six inches across, while their coloring is superb, and the name appropriate. They were sold last year at \$1.00 each, but, having prepared a large stock, we are now in a position to offer them at a price which should warrant large plantings.

**Austria** is a counterpart of Italia in every way, except in the color of its flowers, which are of a pure canary yellow, with but a few traces of small reddish brown spots in the centre of the two inside petals.

**Italia** is of a bright orange-scarlet with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage; the foliage is large and heavy, similar to that of the *Musa Ensete*. The illustration is a true representation of its magnificent flowers.

Price of either Austria or Italia: 15 cts. each, \$1.50 per doz., \$10.00 per 100.

## SIX SUPERB SORTS

The "Cream" of M. Crozy's 1897 Introductions.

We take great pleasure in offering these six superb sorts, which are without exception the very best in their respective colors and type up to date, and we feel certain that purchasers of this set will be fully satisfied with the selection. We have given these varieties two seasons' trial under field culture, where they received the most ordinary treatment, and under all conditions of weather they held their own with the host of so-called novelties.

**Baronne de Poilly.** A most prolific flowerer, with large rounded petals which open out very full, making a perfectly round flower of excellent form; of a rich orange-salmon color; foliage light green; habit compact; height 3½ ft.

**Hortense Barbereau.** Remarkably fine, large, cherry-red trusses of immense size; a decided improvement on all others of this type; excellent for massing; habit compact and strong; foliage rich dark green; 3½ ft.

**Mlle. Berat.** A decided acquisition on account of its color, which is the nearest approach to a pink in a first-class bedder. Many of the sorts heretofore offered as pink, while very pretty in the individual flower, have a "washed-out" appearance both on the single plant or when planted in masses. In this variety, however, the larger the mass the finer the effect, and when planted in conjunction with yellows and high-colored reds it is simply superb; height 4 ft.

**Mine d'Or.** This is practically a yellow *Mad. Crozy*, which it resembles in size and shape of flower. It is of bright canary-yellow, the lower petals very lightly marked with red. Like all other yellows, it has the fault of bleaching under certain conditions of the weather, but it is the best of this type of flower; height 3 ft. 50 cts. each, \$5.00 per doz.

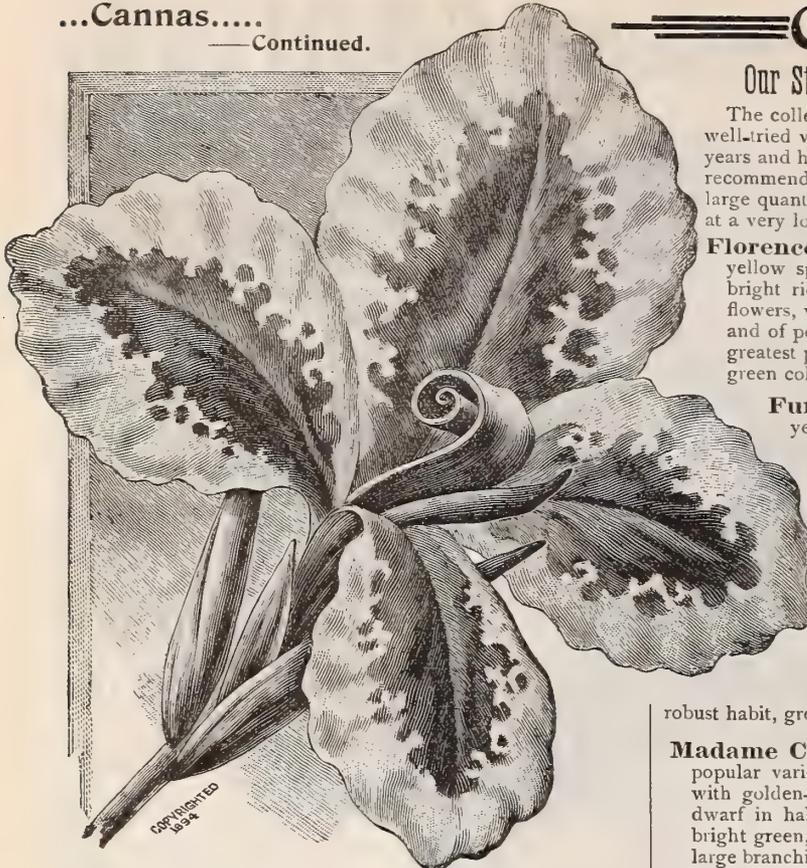
**Leon Pepin Lehalleur.** A grand variety of brilliant carmine-red that at once attracts attention. It is effective in every position; flowers extra large and round, with strong, heavy petals of fine substance; a strong grower of good habit; 4 feet.

**Vice-President Luizet.** An excellent variety and especially effective for massing. It is of a rich, cherry-red, with carmine reflex. The flowers are produced in very large, compact spikes; foliage green; 3 ft.

Price of any the above Six Superb Sorts 30 cts. each, \$3 00 per doz., \$20.00 per 100 (except where noted), or one each of the six varieties for \$1.50.

...Cannas....

—Continued.



QUEEN CHARLOTTE.

**Alphonse Bouvier.** Of the many crimson varieties yet introduced this is, all points considered, probably the grandest and most effective. It is a remarkably luxuriant grower, attaining a height of from 6 to 7 feet in rich soil. In color it is a rich brilliant crimson, almost approaching scarlet when it first opens, changing to a deep dazzling crimson as the flowers fully develop.

**Admiral Avellan.** We consider this the best of all the dark-leaved varieties. The flowers, while not as large as some of the latest introductions, are of good size, with heavy strong petals which open out evenly, forming a clean pretty flower; these are arranged sufficiently far apart on the stems to show up each individual flower; it is of a rich orange-scarlet color overlaid with salmon in such a manner as to give the whole a peculiarly rich luminous appearance. The habit of the plant we consider ahead of all the dark-foliage varieties, being erect, growing about 5 feet high, and always forming fine symmetrical plants. There is a clean appearance about this variety difficult to describe, different from all other dark-foliage sorts.

**Charles Henderson.** A grand variety of a fine crimson color that has become very popular. While it is not quite as rich in color as Alphonse Bouvier, its habit of growth is much more compact, rarely exceeding 3½ feet in height, which makes it a desirable companion to such varieties as Florence Vaughan and Madame Crozy.

**Egandale.** A most excellent variety, with bronzy foliage and soft currant-red flowers, which are thrown well above the foliage; one of the best of its type attains a height of about 4 feet.

**Price:** Any of the above, 15 cts. each, \$1.50 per doz., \$10.00 per 100. Set of one each of the Twelve Standard Varieties, \$1.50.

#### THE BEST DARK-LEAVED CANNA, Bassett's Red.

This is without doubt the finest of all the dark foliaged varieties, and where foliage effect is wanted or in connection with the French varieties it is a perfect gem; it has small flowers like all the *Indica* type to which it belongs, but its foliage is superb, being of the most intense bronzy red; in growth it is strong and stately, growing very uniformly to a height of 5 feet.

15 cts. each, \$1.50 per doz., \$8.00 per 100.

## CANNAS

### Our Standard Dozen of Well-tried Varieties.

The collection offered below consists entirely of standard well-tried varieties; all of them are introductions of recent years and have been tested under all conditions. We can recommend these for all purposes, especially for massing in large quantities. Our large stock enables us to offer them at a very low price.

**Florence Vaughan.** Undoubtedly one of the finest yellow spotted varieties yet sent out; in color it is of a bright rich golden-yellow, spotted with bright red; the flowers, which are of the largest size, of great substance and of perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color; the plants rarely exceed 3 feet in height.

**Furst Bismarck.** This variety, introduced two years ago, has impressed us with its many good qualities each season. It is of a rich scarlet crimson, but so distinct from all other crimsons that it can be planted along with them in perfect harmony of color. The flowers are of large size, with broad petals of good substance, and produced in immense trusses; the plant is of vigorous, compact, uniform growth, about 3½ ft. high.

**F. Neuvesel.** This is a splendid sort of a soft pleasing shade of carmine; of good size and excellent habit, the foliage is dark green with bronzy markings; it is of strong robust habit, growing 4½ feet high. Very effective.

**Madame Crozy.** The flowers of this well-known and popular variety are of a dazzling crimson scarlet, bordered with golden-yellow. The plant is of vigorous growth yet dwarf in habit, rarely exceeding 4 feet in height. Foliage bright green, and very massive. The flowers are produced on large branching stems which are closely set with bloom, each stem being really a bouquet in itself.

**Paul Marquant.** One of the most pleasing on account of its large size and entirely distinct color. The flowers stand out from the spike separately in such a manner as to attract special attention. Its color, frequently compared in softness to an Orchid, is of a bright salmon scarlet, passing to a rosy carmine with a peculiar silvery lustre, which lights up the salmon very brightly. 3 to 3½ feet in height.

**Queen Charlotte.** Considered by many the finest of all the gilt-edged varieties. The plant attains a height of about three feet and is furnished with heavy bluish-green foliage; the enormous flower-spikes, towering grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow. (See cut.) 3 feet high.

**Rose Unique.** A fine rosy carmine, entirely distinct from all others, of vigorous dwarf habit, contrasts finely with the higher colored sorts. 3½ feet.

**Souvenir d'Antoine Crozy.** This is a perfect gem, and in our estimation the finest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad rich golden-yellow band, and do not fade or scorch in the most intense hot and dry weather, which proves to be the fault with some of the very high-colored varieties; in habit the plant is all that could be desired, being of strong, vigorous but dwarf habit, forming symmetrical compact plants about 3 feet high.

#### A FINE OLD CANNA—Ehemanni.

This variety, introduced about fifteen years ago, has still a host of admirers, chiefly on account of its handsome rich green *Musa*-like foliage, the like of which is still unequalled; it produces pendent spikes of fair-sized flowers of a charming rosy carmine color.

15 cts. each, \$1.50 per dozen.

# CANNAS

CANNAS—Continued.

## Introductions of 1897 and Other Varieties

### of Special Merit.

**Aurore.** Distinct orange-salmon; of large size, with heavy trusses, which are produced in the greatest profusion; always looks well in dry or wet weather, showing its flowers to best advantage, and especially effective when massed; 4 ft. 25 cts. each, \$2.50 per doz., \$15.00 per 100.

**Ami P. G. Pezeux.** A peculiar shade of pomegranate-red, large-sized flowers, and heavy, dark green foliage; 3½ ft. 25 cts. each, \$2.50 per doz., \$15.00 per 100.

### New Crimson Bedding Canna

**Beaute Poitevine.** Out of the hundreds of varieties of Cannas grown by us, the past few seasons, this variety stood pre-eminent in its class. It is of a bright, rich crimson color, with erect flower spikes, growing about three and one-half feet high, and is an ideal Canna for bedding. It stands severe drought better than any other flowers, standing the heat without the slightest injury.

It comes into bloom very early, and blooms continuously, and we have no hesitation in recommending it as a brilliant bedder. 25 cts. each, \$2.50 per doz., \$15.00 per 100.

**Burbank.** Similar to Austria, the yellow orchid-flowered variety described on page 109. 25 cts. each, \$2.50 per doz.

**Chas. Paul.** Large flowers of a pure salmon, metallic-purple foliage; 3½ ft. 50 cts. each, \$5.00 per doz.

**Columbia.** A fine crimson, introduced some four years ago, but still scarce; especially desirable for pot culture. 25 cts. each, \$2.50 per doz.

**Czar Alexander III.** An exceptionally free-flowering variety, with large spikes of brilliant carmine, glaucous-green foliage; 3½ ft. 25 cts. each, \$2.50 per doz.

**Flamingo.** A fine crimson variety; flowers over four inches in diameter, heavy in texture, and of the most refined reflexed form so much sought after. They cluster around the stem in an even manner, giving the truss the grace and finish of a Hyacinth spike. Its habit is perfect, strong and compact, growing about three feet high. 25 cts. each, \$2.50 per doz.

**Franz Buchner.** Entirely distinct from all others; color a deep orange suffused with scarlet, with a delicate wavy fringe of yellow around the edge of the petals. We have had this variety in our trial grounds for four seasons and have been more pleased with it each season. 25 cts. each, \$2.50 per doz.

**Madagascar.** An entirely distinct variety, with large flowers with well-rounded petals of an ochre yellow, mottled carmine. 25 cts. each, \$2.50 per doz.

**Souv de Jean Chauré.** Very fine flowers of a brilliant scarlet overlaid with a purple sheen; foliage green; 3½ ft. 25 cts. each, \$2.50 per doz.

*Special Offer.*—One plant each of the above 15 varieties of special merit for \$3.50.

## POPULAR LOW-PRICED COLLECTION OF CANNAS.

The varieties offered below are all first-class sorts, of which we have large stocks, which enables us to offer them at a low price. Many of them were among the highest priced novelties last year.

**Ami Jules Chretien.** Bright apricot-red, suffused with rose; 3½ ft.

**Ami Pichon.** Very large, bright crimson; symmetrical growth; 4 ft.

**Comte de Bouchaud.** Golden-yellow, spotted red; 4½ ft. (See cut.)

**Constellation.** Golden-yellow, spotted with crimson; 3½ ft.

**Deuil de St. Grevy.** Intense orange-scarlet; bronzy foliage; 4½ ft.

**Explorateur Crampbel.** Rich crimson with darker markings; 4 ft.

**Eldorado.** Fine yellow, faintly spotted light red; 3½ ft.

**Francois Billard.** Rich crimson with dark shadings; 4 ft.

**F. R. Pierson.** A large vermilion scarlet with yellow centre; 4 ft.

**Graf Oswald de Kerchove.** Very bright orange-scarlet; 4½ ft.

**Geoffroy St. Hilaire.** Rich scarlet overlaid with orange; bronzy foliage; 4½ ft.

**Ingenieur Alphan.** Bright reddish-carmine; bronze foliage; 4 ft.

**J. C. Vaughan.** Deep orange-scarlet; large truss; foliage bronzy-purple; 4½ ft.

**Leonard Lille.** A fine shade of orange, faint yellow edge; 4 ft.

**Mad. Pichon.** Lemon-yellow with bright red stripes; 3 ft.

**President Chandon.** Distinct ochre-yellow, with dark spots; 3½ ft.

**Paul Lorenz.** Rich blood-red, shaded amaranth; 3 ft.

**Paul Meylan.** Orange-red with golden edge; 3½ ft.

**Papa.** A fine red, with large flowers and immense truss; 3 ft.

**Paolo Radaelli.** Richest crimson, bright golden edge; 3 ft.

**Professor Gerard.** Rich crimson-scarlet; massive foliage; 4½ ft.

**Sophie Buchner.** Light scarlet overlaid with orange, one of the strongest growing varieties in the collection; handsome Musa-like foliage; 5 ft.

**Souv du Pres Carnot.** Vermilion-scarlet; fine bronze foliage; 4½ ft.

**Senora Delia Matte.** Orange-red, marked and edged canary; 3½ ft.

**Souv de Madeline.** Large cochineal-red, shaded orange, bronzy-red foliage; 4½ ft.



COMTE DE BOUCHAUD.

**Roi de Rouges.** M. Crozy calls this the "King of the Reds," and it is certainly one of the finest of the many reds yet introduced; the flowers are of good size, with heavy petals, and are produced on stout, thickly-set stems; foliage green; habit compact; 3 ft. 50 cts. each, \$5.00 per doz.

**Robert Owen.** A medium-sized flower, peculiarly marked, the upper petals being of a light canary-yellow, lower petals being irregularly striped and spotted with red; interesting and sure to please. 25 cts. each, \$2.50 per doz.

**Souv de Mad. Crozy.** Large garnet-red flowers, with large border and centre of a brilliant yellow; rich green foliage; 4 ft. 50 cts. each, \$5.00 per doz.

**Sir Trevor Lawrence.** An exceptionally large flower, and entirely distinct color, which is of a peculiar carmine-rose with yellow border; foliage dark green; 4 ft. 25 cts. each, \$2.50 per doz.

**PRICE:** Any of the above varieties 10 cts. each, \$1.00 per doz., \$8.00 per 100; the set of 25 varieties for \$2.00.

*Special Offer.*—We will furnish one each of all Cannas offered on pages 109, 110 and 111 (62 varieties) for \$8.00. This makes one of the most interesting of collections.

# SELECT CARNATIONS

The following list embraces the cream of the standard and well-tried varieties, together with the best of the new introductions of 1897:

- Abundance.** A unique pink Carnation; color is a peculiar salmon-red; probably the freest flowering sort in the list.
- Alaska.** Very fine large pure white.
- Anna Webb.** A fine crimson, deeply fringed, of medium size, and branching habit; florets very full; a free continuous bloomer.
- Armazindy.** Color is pure white, very lightly penciled with scarlet; can almost be used as a white; the stem is very stiff and quite slender, nearly 3 feet high. The flower is large and never bursts.
- Bridesmaid.** A very even shade of bright, clear pink; very pleasing.
- Buttercup.** Rich golden-yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double.
- Chester Pride.** White, penciled rosy carmine; large, strong, good habit.
- Daybreak.** A delicate shade of pink; greatly admired.
- Eldorado.** Light, clear yellow, edged with a narrow band of light pink.
- Flora Hill.** Undoubtedly the finest white Carnation yet introduced; flowers of largest size produced very freely, and a strong, healthy grower; a decided acquisition.
- Geo. M. Bradt.** Clear white, heavily edged and striped with bright scarlet, giving it a very bright and cheerful appearance.
- Jubilee.** The red Carnation for which everybody has been looking. Color intense scarlet, of the richest shade. One of the largest flowers among reds. Stems slender, but very stiff; average 18 inches in height. Calyx very strong, never bursts; flower quite full and well built. A persistent bloomer and very free.
- Kitty Clover.** A pretty fancy variety of light yellow marked with carmine.
- Lily Dean.** A very large, bold and handsome flower; pure white ground with very delicate margin and penciling of clear pink, making it exceedingly beautiful and attractive.
- Lizzie McGowan.** Purest white, large, full and very attractive; very prolific.
- Mayor Pingree.** Clear lemon yellow, lightly marked with pink and occasionally splashed with white; a strong, vigorous grower, with flowers 2½ to 3 inches across.
- Meteor.** Deep brilliant crimson scarlet; one of the finest dark velvety-reds yet introduced.
- Mrs. McBurney.** A strong-growing variety, with stout, stiff stems, and flowers of a pure salmon color, shaped like a camellia.
- Ophelia.** A large perfect-shaped flower of a rich pink color.
- Portia.** Finest rich scarlet.
- Princess Bonnie.** Light pink ground prettily marked with a darker shade.
- The Stuart.** A most brilliant scarlet variety, flowers very large, a free prolific bloomer.
- Thomas Cartledge.** A beautiful carmine. It is a vigorous grower, early to come in flower and extremely prolific.
- Triumph.** Color is a pure pink, of yellowish tinge, and never shows a touch of purple; one of the very largest blooms that we know of; stem perfectly erect, and from 2 to 3 feet long. Has a strong calyx that never bursts; is very prolific, and responds to very ordinary culture; a strong, heavy grower.
- William Scott.** Growth vigorous; very free blooming; flowers large and never bursting, of a rich rosy color; stems very long, holding the flowers erect.



PRICE of any of the above Carnations 15 cts. each; \$1.50 per dozen; set of 25 varieties for \$2.50.

## TWO GRAND NEW CARNATIONS. (Ready March 1st.)

### "EMPRESS."

The finest crimson Carnation yet introduced; flowers of mammoth size, frequently measuring over 4 inches in diameter; they are beautifully fringed, with delicious clove fragrance, and are produced freely on long, stout stems 3 feet high; a magnificent variety. 25 cents each, \$2.50 per dozen.

### "JACK FROST."

This is said to be the largest of all white Carnations, having produced flowers that measured 4 inches in diameter. It is of exquisite form, finely fringed and exceptionally fragrant; stems 2 feet in length, stiff and erect. 25 cents each, \$2.50 per dozen.

# CHRYSANTHEMUMS.

We have again revised our list of Chrysanthemums, and in doing so it has been our aim to confine ourselves to a limited list of the most distinct and desirable varieties, rather than to offer an extended list, which would necessarily contain many similar and inferior varieties.

## SET OF TWENTY-FIVE OF THE FINEST EXHIBITION VARIETIES.

**Charles Davis.** A golden sport from Vivand Morel, light yellow suffused with rich apricot; grand flowers of great size.

**Colonel William B. Smith.** An immense, double high-built flower, petals very broad and large, forming a solid mass of the richest bright golden-bronze.

**Eugene Dailedouze.** There is nothing brighter and clearer in yellows than this grand variety. The flowers are large, full and double, and a free, easy grower.

**Fisher's Torch.** Bright fiery red; the richest shade in commerce; large and double, with high-built centre. (See cut.)

**George W. Childs.** The best deep self-colored crimson variety in existence; flowers massive and of immense size, with broad stiff petals, rich dark velvety crimson, without a shade of brown or chestnut.

**Golden Wedding.** Of a rich golden-yellow color, intense and dazzling. Flowers 10 to 12 in. in diameter, 4 to 6 in. in depth; petals broad and long, double to the centre without an eye.

**Helen Bloodgood.** A most beautiful clear pink, of very large spherical shape.

**H. L. Sunderbruch.** Bright golden-yellow, of fine incurved form and large size.

**Iora.** Tubular, clear pink, a fine artistic flower, very large. (See cut.)

**John Shrimpton.** Bright velvety crimson-scarlet, of good size.

**Maud Dean.** Extra large petals, broad and incurving, perfectly double and of great substance; pink, almost rose.

**Major Bonaffon.** Soft, clear yellow, incurved, full in the centre; 6 to 7 inches in diameter and nearly as deep; form and finish perfect.

**Mayflower.** Magnificent large incurved white, lower petals reflex; grand in every way.

**Miss Minnie Wanamaker.** Creamy-white, of very large size, and so much incurved as to resemble a white ball.

**Minerva.** Large and massive, incurved, vivid golden-yellow.

**Modesto.** Intense yellow, of a incurved slightly whorled form, with very high full centre.

**Mrs. A. J. Drexel.** Large flowering, early variety; color crim-son-lake; form rounded into a half-globe.

**Mrs. Col. Goodman.** A bluish white, with globular flowers, measuring 16 to 18 inches in circumference; introduced last year, and has again carried off first honors at many shows this season.

**Mrs. Jerome Jones.** A beautiful, waxy-white, with broad incurving petals; one of the finest.

**Miss Louise D. Black.** Reddish-orange, on the style of Mrs. L. C. Madeira, but much larger. **Mutual Friend.**

A reflexed pure white, from 7 to 11 inches in diameter and great depth of flower.

**Philadelphia.**

A magnificent variety introduced three years ago, and still holds its own against all comers. It is of graceful globular form, color white, illuminated with lemon-yellow, giving it a peculiarly pleasing appearance not seen in any other variety. As a fine finished flower it stands at the head of the list. (See cut.)

**Pluto.** A fine, bold, globular, well-built flower, of a clear bright red, the centre being incurved with the reverse of petals bright golden-yellow.

**The Queen.** One of the grandest white exhibition varieties.

**Vivand Morel.** Extra large flowers; petals long and loosely arranged; a beautiful light shade of pink.



PRICE: 15 cts. each, \$1.50 per dozen. The set of 25 varieties for \$2.50.

# CHRYSANTHEMUMS—Selection of Best Standard Varieties.

**Ada Spaulding.** Habit most sturdy and robust; color distinct; the lower half of the flower being a rich deep pink, shading in upper portion to the purest pearl white.

**Beau Ideal.** A bright rose pink without a touch of lavender shading, with broad petals of good substance, flowers of fine size.

**Challenge.** A very late flowering variety, coming into perfection from the 25th to 30th of November; the flower is a perfect globe of gold.

**Cullingfordi.** A fine shade of crimson; a useful variety.

**E. Hitzeroth.** A magnificent extra large flower; petals broad and peculiarly arranged, completely filling centre. Bright lemon yellow; exquisite and novel form.

**Erminilda.** Very fine rosy pink; outer petals reflexed, inner incurved; a very fine flower.

**Frank Thomson.** A splendid flower, very nearly spherical in form; petals very broad and heavy, and finely incurving; it is very nearly white in color, only showing a touch of pearl-pink at the base of the petals.

**Harry Balsley.** A magnificent variety, of a soft mermet pink in color.

**Harry E. Widener.** Bright lemon-yellow without shadings. Flowers large, on stiff, stout stems; incurving, forming a large rounded surface.

**Harry May.** Flowers very large and deep; full double; forming a massive sphere; color deep old gold, with occasional reddish veins.

**Inter-Ocean.** Glistening pearly white, suffused with pink; very large.

**Indiana.** One of the largest flowers grown, measuring 10 inches in diameter, color clear bright pink.

**Lady Playfair.** Pearly pink; a fine large incurved flower.

**L. Canning.** A handsome pure white flower, of dwarf but vigorous and compact growth.

**Mrs. L. C. Madeira.** A perfect compact globe of bright orange color; petals upright, like unopened pointed quills; stems stiff; flowers large and of the heaviest substance.

**Mrs. J. George IIs.** A magnificent ivory white, very massive in build, recurring and petals interlacing.

**Marie Louise.** A beautiful recurring white, with slender, interlacing petals, forming a plummy globe; a model variety.

**Marguerite Graham.** This beautiful variety is of a pure white, incurved, of a most perfect form; opening a pale lemon, changing rapidly to pure white.

**Mr. Richard Dean.** Very bright clear pink of a beautiful shade.

**Mrs. Craig Lippincott.** A very rich yellow; flowers 8 inches through; the petals are long, large and incurving; a most notable variety.

**Mrs. Irving Clark.** Pearly white on the margin, shading to deep rose in the centre, which is beautifully whorled.

**Mrs. Potter Palmer.** Large size, of a rose-pink within and silvery without; outer petals reflexed, with incurved tips.

**Mrs. Perrin.** A medium sized flower, entirely distinct in color, which is of a glistening pink, with a finish as fine as satin. (See cut.)

**Niveus.** Color snowy-white; flowers very large, without the least approach to coarseness. The centre is irregularly incurved, with the outer petals reflexing almost to the stem.

**President Wm. R. Smith.** A delicate pure pink, very heavy in substance, borne on strong stiff stems; a fine large well-formed flower.

**Roslyn.** A superb clear mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre.

**Rohallion.** Rich yellow, deepening to chrome; petals long and twisted.

**V. H. Hallock.** Rosy pearl, of a marked waxy texture; color deepening toward centre.

**Wm. H. Lincoln.** A magnificent golden-yellow variety; straight, flat, spreading petals; large flower, completely double, and of great substance.

**Wm. Simpson.** A pleasing shade of pink; flowers incurved similar to Mrs. E. G. Hill, but deeper in color.



MRS. PERRIN.

**Price:** Any of the above, 15 cts. each, \$1 50 per doz., \$8 00 per 100. Set of 30 varieties for \$3 00.

## SET OF EARLY FLOWERING CHRYSANTHEMUMS.

The varieties offered in this collection are all such that will perfect their flowers in the open ground, even in the Northern States. The selection has been made with a view of offering only the very cream of the early flowering sorts, and all of them will give satisfactory results, even with the most ordinary cultivation.

**Clinton Chalfant.** Fine large yellow of good form.

**Daydawn.** Grand large early white.

**Miss Kate Brown.** A very early flowering pure white.

**Ivory.** Snow white of perfect form.

**J. E. Lager.** Very clear bright yellow, full and massive.

**Marion Henderson.** Fine yellow of fine form.

**Marquise de Mortemarte.** Very fine pink of large size.

**Merry Monarch.** Very large pure white.

**Mrs. E. G. Hill.** A beautiful pearly pink, large and full to the centre.

**Mrs. Henry Robinson.** One of the very finest white varieties, a perfect ball of snow when fully developed.

**Mrs. F. Bergman.** One of the earliest whites, very fine.

**Mrs. J. G. Whilden.** One of the finest very early yellows.

**Nemesis.** Very fine beautiful silvery pink.

**Pink Ivory.** Beautiful shell pink.

**William Holmes.** A fine crimson.

**Yellow Queen.** Early clear yellow.

**Price:** 15 cts. each, \$1.50 per doz., \$8 00 per 100. Set of 16 varieties \$2 00.

## Ostrich Plume *Chrysanthemums*



OSTRICH PLUME CHRYSANTHEMUM.

The three varieties offered below are the most distinct of the Ostrich Plume or Hairy sorts.

**Louis Boehmer.** An exquisite shade of silvery-pink, with deep rose on the inside of the petals.

**L'Enfant des Deux Mondes.** Pure white, of large size and fine build, very heavily plumed.

**Monarch of Ostrich Plumes.** Bright chrome-yellow, shaded with amber; flowers very large and full, finely incurved.

15 cts. each. Set of 3 for 40 cts.

### Hardy Pompone Chrysanthemums.

These beautiful small flowered or Pompone varieties have almost entirely been lost sight of during recent years, but are again coming to the front, and are certain to become popular for outdoor bedding purposes. They are absolutely hardy, and produce an abundant, almost lavish, profusion of blooms, and the plants lend a coloration to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it will frequently happen that an armful of flowers can be cut after a sharp frost. The collection we offer embraces all the leading colors, and, with but a slight covering of leaves or coarse stable litter during the winter, will take care of themselves after once planted.

**Blushing Bride.** Fine soft pink.

**Canary.** Pale yellow, bushy habit.

**Eagle d'Or.** Fine yellow.

**Fred. Peele.** Deep crimson, tipped gold.

**Globe d'Or.** Golden-yellow.

**Golden Fleece.** Clear yellow.

**Golden Pheasant.** Rich golden-yellow, fine form.

**Julia Lagravere.** Very fine crimson.

**L'Ami Couderchet.** Fine sulphur-white.

**La Purete.** Fine pure white.

**Maid of Kent.** Pure white with rose tint on lower petals.

**Mlle. Elise Dordan.** Rose-pink, globular flower.

**Mr. Schmidt.** Yellow, tipped with crimson.

**Nellie Rainsford.** Buff.

**President.** Rosy carmine.

**Princess Louise.** Deep rosy pink, one of the best.

**Regulus.** Crimson red.

**Rosinante.** Blush rose, very dwarf.

**Seur Melanie.** Very fine, pure white.

**Tiber.** Crimson brown, tipped yellow.

**Veuve Clicquot.** Brick red, edged yellow.

10c. each, \$1.00 per doz.; set of 21 varieties, one of each for \$1.50.

### Cissus Discolor.

A beautiful climber for hanging baskets, with mottled and marbled crimson and green foliage. (See cut.)

20 cts. each.

### Cestrum Parqui.

(Night-blooming Jasmine.)

A beautiful tender shrub of easy cultivation, with small greenish-white flowers, of delightful fragrance, which is dispensed during the night only.

15 cents each.

### Clerodendron

#### Balfouri.

A beautiful greenhouse climber, and admirably suited for house culture; flowering most profusely with bright scarlet flowers, enveloped in a creamy white calyx.

15 cts. each.



POMPONE CHRYSANTHEMUM.

### CLIVIA MINIATUM.

(Imantophyllum.)

A pretty lily-like plant of the easiest culture, and a most desirable house plant; it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long and are borne in dense clusters of from ten to twenty flowers on each; in color it is of a fine orange-red shading to buff. (See cut.) We offer good strong plants at 25 cts. each, and extra large plants at 50 cts. each.

### COLEUS.

Our collection of Coleus embraces all the standard well-tried varieties as well as the leading and distinct novelties of recent introduction. 10 cts. each, \$1.00 per doz., \$6.00 per \$1.00.



CLIVIA.



CISSUS DISCOLOR.



CROTON MAJESTICUM.

**CUPHEA LLAVÆ.**

(The Tricolored Cuphea.)

This interesting flowering plant belongs to the same family as the well-known Lady's Cigar Plant. The flowers are tubular in shape, about 2 inches long, and combine three distinct colors in each flower—scarlet, white and blue. In bloom continually. 10 cts. each, \$1.00 per doz.



**CYPEKUS.**

(Umbrella Plant.)

**Alternifolius.** An excellent pot plant; thrives in any good soil, and always presents a green and attractive appearance. 15 cts. and 25 cts. each.

**Variegatus.** A beautiful variegated form. Scarce. 50 cts. each.

**Gracilis.** A pretty new form, with narrow foliage. 15 cts. each.

For other varieties, see page 101.



CUPHEA LLAVÆ.

**CYCAS REVOLUTA** (Sago Palm).

These are magnificent plants of noble and majestic habit, and most impressive. They are probably the most valuable decorative plants grown, both for lawn and house decoration; their heavy glossy, deep green fronds resist alike the gas, dust and cold, to which decorative plants are frequently exposed. We grow an immense stock of them and have this season an exceptionally fine lot in popular sizes for house decoration.

|  | EACH.  |
|--|--------|
| Plants with stems, 4 to 6 in. high, 7 to 8 leaves, 15 to 18 in. long . . . . .                           | \$1 50 |
| “ “ “ “ 6 “ “ 10 “ 12 “ “ 18 “ 20 “ “ “ . . . . .  | 3 00   |
| “ “ “ “ 8 “ “ 12 “ 15 “ “ 20 “ 24 “ “ “ . . . . .  | 5 00   |
| Specimen plants, sizes of which will be given on application, \$7.50, \$10.00, \$12.50 and \$15.00 each. |        |
| Small plants with one and two leaves, 25 cts. each.  |        |

**CROTONS.**

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are now used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Undoubtedly the most interesting and showiest bedding in our Philadelphia parks, the past few years, was made with this plant. We enumerate below a few of the leading varieties, but can supply many other sorts:

**Andreanum.** Deep green with yellow and crimson markings.

**Baron James de Rothschild.** Olive-green and yellow, changing to brilliant crimson.

**Aureum Maculatum.** Long narrow foliage with numerous yellow spots.

**Dayspring.** Orange-yellow, edged with green and tinged with red.

**Disraeli.** Irregularly shaped leaves, dark green with yellow ribs and veins changing to crimson.

**Evansianum.** Tricolored leaves, richly veined and mottled.

**Fasciatum.** Rich green, with golden-yellow ribs and veins.

**Interruptum.** Peculiar twisted leaves with crimson mid-rib.

**Irregulare.** Shining green, irregular leaves with bright yellow blotches and ribs.

**Majesticum.** Long leaves, mottled green and yellow, and shaded crimson. (See cut.)

**Veitchii.** Bright green, marked and mottled with yellow and crimson.

**Youngii.** Long leaves, dark green; irregularly blotched and spotted with yellow and rosy-red. 30 to 50 cts. each; \$3.00 to \$5.00 per dozen.



SAGO PALM.

# THREE GRAND DAHLIAS.

## FERN LEAVED BEAUTY, No. 1.

A fancy variety introduced by us two years ago. It has been called Fern Leaved Beauty on account of its very distinct foliage, which is finely cut, like that of a strong-growing Fern. (See illustration.) The flowers are of medium size, with petals quilled or shell-like, regularly arranged, but standing out from each other, giving the flower a graceful elegance and freedom from stiff formality. Color creamy white, with petals heavily bordered with dark crimson, which gradually diminishes at the points of the outer petals, causing a gradual shading off of color from the centre to the edges. 25 cts. each, 5 for \$1.00.

## MRS. PEART, No. 2.

This is a most distinct form with peculiarly quilled petals resembling in appearance the flowers of the Night-Blooming Cereus; it is white in color and the flowers are produced in the greatest profusion. It is certain to become very popular as a cut flower, and at a short distance is easily mistaken for a Chrysanthemum. 25 cts. each, 5 for \$1.00.

## AMERICAN FLAG, No. 3.

Flowers of medium size, measuring about 3 inches in diameter; petals quilled in the centre, but shell-formed when fully expanded; color pure white, with prominent border of brilliant cerise-red on each side of the petals and occasionally a centre stripe of the same color. 25 cts. each, 5 for \$1.00.



Set of Twelve Best Large Flowering Show and Fancy DAHLIAS.

- Dandy.** Ground color pure white, striped and penciled black maroon.
- Duchess of Cambridge.** White, suffused pink edged purple.
- Frank Smith.** Intense black maroon tipped with rosy white; entirely distinct.
- Henry Walton.** Yellow ground heavily edged with vermilion; superb.
- John Keynes.** Clear yellow, tipped orange scarlet.
- Miss Browning.** Purest yellow, each petal tipped with pure white.
- Mrs. Dexter.** A beautiful salmon color, of large size and fine form.
- Nero.** Deep crimson-maroon, of fine form.
- Penelope.** White, tipped with purple; of fine form.
- Pluton.** The finest pure yellow, of good size and fine form.
- Ruby Queen.** Clear ruby-red, richly shaded.
- Snow.** Finest pure white.

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Price: 15 cts. each, \$1.50 per dozen. Set of 12 for \$1.50.

Sets of the "Best" Double Cactus, Pompone, and Single Dahlias are offered on the next page. See Novelties, pages 11 to 16.

# DAHLIAS.

## SET OF TWENTY-FIVE FINE DOUBLE CACTUS DAHLIAS.

The Cactus Dahlias are now the most popular, and are favorites on account of their graceful appearance; the collection offered below is one of the finest that has ever been brought together.

**Black Prince.** Intense velvety maroon, nearly black; of perfect form.

**Beauty of Arundel.** Deep glowing crimson.

**Constancy.** Rich reddish-orange, shaded bronze, tipped with white; a very pleasing sort.

**Gloriosa.** Glistening crimson-scarlet; beautiful form, with twisted petals.

**Honorita.** Peculiar shade of soft amber; very large.

**Henry Patrick.** A very fine, large, pure white; of good form.

**King of Cactus.** Deep magenta, overlaid rosy-crimson; a large, full flower.

**Little Cactus.** Clear bright salmon; of medium size and fine form.

**Lyndhurst.** Deep glowing scarlet, large and full.

**Marchioness of Bute.** Pure white, with bright rosy tips.

**Minerva.** Soft yellow overlaid with pink, sometimes shading to reddish-purple.

**Miss Bertha Mawley.** Orange-red suffused with deep magenta.

**Miss Barry.** Deep rosy-lake, large and full to the centre, twisted petals, very fine.

**Mrs. Geo. Reed.** Pure white, beautifully flaked and edged with soft rosy-lake.

**Mrs. Hawkins.** Rich sulphur-yellow, shading lighter towards the tips, slightly tinted red.

**Maid of Kent.** Cherry-red, tipped with white.

**Mrs. Francis Fell.** White with long, narrow, twisted petals; of good form.

**Nymphæa** (*Pink Water-Lily Dahlia*). In color a clear distinct shrimp-pink, shading slightly darker towards the outer petals, a color difficult to describe; this peculiar color and its form have suggested the name Water-Lily Dahlia. The most popular Dahlia in cultivation at the present time.

**Oban.** Rosy-lavender, overlaid with a delicate silvery-fawn; very distinct.

**Orange King.** Rich glowing orange; of fine form; an extremely free bloomer.

**Oriental.** Pale salmon, very large and double, of fine form.

**Sunlight.** Very large; pale yellow.

**True Model.** Perfect in form, color buff, overlaid and suffused, reddish-brown.

**William Pierce.** Rich butter-yellow.

**Zulu.** Intense rich maroon.

Price: 15 cts. each, \$1.50 per doz., the set of 25 for \$2.75.



DAHLIA NYMPHÆA.

## SET OF TWENTY FINE DOUBLE POMPONE DAHLIAS.

**Allie Mourey.** Blush white, tipped pink.

**Capt. Jack.** Dark red, shaded maroon.

**Crimson Beauty.** Finest crimson.

**Eleganta.** Soft pink, tipped deep pink.

**E. F. Junker.** Rich shade of orange; fine.

**Fairy Queen.** Sulphur-yellow, edged deep peach.

**Guiding Star.** Fine fringed white.

**Iseult.** Very small; pure yellow.

**Kleine Domitea.** Orange buff; always in bloom; fine.

**Lady's Jewel.** Light pink, tipped purple.

**Le Petit Jean.** Dark orange-crimson, shaded maroon.

**Little Valentine.** Bright purple maroon.

**Loveliness.** White, tipped pink and purple.

**Little Prince.** Red, tipped white.

**Miss Lou Kramer.** Yellow, heavily tipped with crimson.

**Perle.** Deep red, tipped yellow.

**Prince Charming.** White, penciled and tipped purplish-pink.

**Scarlet Gem.** Yellow, heavily tipped scarlet.

**Vashtii.** Yellow, shaded and tipped orange-crimson.

**Vivid.** Bright deep crimson scarlet.

Price: 15 cts. each, \$1.50 per doz., the set of 20 for \$2.25.

## SIX CHOICE SINGLE DAHLIAS.

**Duchess of Fife.** Amber, bordered orange-red.

**Enchantment.** A pretty combination of red and yellow.

**John Cowan.** Crimson, shaded maroon.

**Kate.** Intense orange-scarlet maroon.

**Mrs. L. C. Bassett.** Maroon, striped lilac.

**Snow Queen.** Pure white.

Price: 15 cts. each, \$1.50 per doz., the set of 6 varieties for 75 cts.

**DRACÆNAS.**



DRACÆNA BRUANTI.

**Amabilis.** A strong growing variety, prettily variegated green, white and pale violet turning to rose. 50 cts. and \$1.00 each.  
**Alba Marginata.** Broad green foliage, creamy-white margin. 50 cts. each.  
**Baptisti.** Bronzy-green foliage, marked with creamy-white and rose. 50 cts. and \$1.00 each.  
**Braziliensis.** A very strong growing variety, with massive rich green foliage, useful for centre of vases, etc. 30 cts. and 50 cts. each.

**Bruanti.** A most useful variety, with heavy dark green foliage, making an excellent house plant, standing the dry atmosphere of living rooms as well as an Aspidistra or Ficus. Strong plants. 50 cts. and \$1.00 each.

**Congesta Grandis.** Similar in general appearance to *Bruanti*, but with much narrower foliage; possesses the same degree of hardiness as that variety. 50 cts. each.

**Congesta Discolor.** Identical with the *Grandis*, excepting that the foliage is bronzy-purple instead of dark green. 50 cts. each.

**Fragrans.** A superb African species, with beautiful deep green leaves, lighter in the growth, though having no variegations or markings in the foliage. This is one of the most admired of the decorative species. 50 cts. and \$1.00 each.

**Gracilis.** A narrow-leaved variety of bright green, with narrow coppery-crimson edge; very graceful. 50 cts. each.

**Indivisa.** This variety is used very extensively as a centre plant for vases, urns, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other foliage and flowering plants. 25 cts., 50 cts. and \$1.00 each.

**Lindeni.** A beautiful variegated form of *Fragrans*. With broad green foliage and golden-yellow stripes on the edges of the leaves. 50 cts. to \$1.50 each.

**Masangeana.** Another variegated form of the above, with the variegation through the centre of the leaf instead of on the edges. 50 cts. to \$1.50 each.

**Terminalis.** Rich crimson foliage, marked with pink and white. 30 cts. and 50 cts. each.

**Youngi.** Light green, changing to copper color. 50 cts. and \$1.00 each.

**FARFUGIUM GRANDE.**

A beautiful ornamental foliage plant either for pot culture or for planting in open border in a shaded position; the leaves, from 8 to 10 inches in diameter, are of a thick leathery texture, dark green in color, with bright yellow spots. 25 cts. and \$2.50 per doz.



FARFUGIUM GRANDE.

**FUCHSIAS.**

The following collection is a selection of the finest of the new and old varieties. Varieties marked with an "\*" are double flowering.

**Arabella.** White tube and sepals, rose corolla; early.

**Black Prince.** Bright waxy carmine, pink corolla.

\* **Bon Vouloir.** Double white corolla, very full, of more than medium size; sepals bright red, the color from each being carried down to the pure white petals.

\* **Gloire de Marches.** A grand double white variety, with crimson tube and sepals, of dwarf compact habit.

\* **Jupiter.** Sepals coral red, corolla violet blue.

**Little Beauty.** A charming dwarf-growing variety, very free-flowering, with bright red tube and sepals and purple corolla.

**Monsieur Thibaut.** Flowers large, sepals dark red, corolla vermilion-tinted violet.

**Minnesota.** Corolla deep rose, tube and sepals white.

\* **M. Alphan.** Tube and sepals bright red, corolla reddish-violet.

\* **Mad. Bruant.** One of the most double yet introduced. Sepals bright red, corolla rosy-heliotrope marked and veined with rose.

\* **Phenomenal.** Rich crimson-purple, corolla full and double. (See cut)

\* **President Gunther.** Light prune-colored corolla, with red sepals.

\* **Rosaine's Patri.** A fine very early flowering double white.

**Tricolor.** Tube coral-red, shading to white tipped sepals; corolla delicate bluish-purple.

**Wave of Life.** Golden foliage; crimson tube and sepals and fine purple corolla.

PRICE: 10 cts. each, \$1.00 per doz. Set of 15 varieties for \$1.25.

**Triphylla Hybrida.** This splendid variety, though introduced several years ago, is still very little known, and is worthy a place in every collection. It is entirely distinct and would hardly be recognized as a Fuchsia. The flowers are of an intense rich carmine, and, while not large, are produced with great freedom, these frequently being from twenty-five to thirty flowers on a branch. It blooms continuously, and is as well adapted for winter flowering in the house as for summer flowering in the garden. 30 cts. each, 4 for \$1.00.



FUCHSIA PHENOMENAL.

## NEW AND RARE FERNS.

**Asplenium Nidus Avis** (*Bird's-nest Fern*). We have now, for the first time, a fine lot of this rare and interesting Fern. Good strong plants, \$1.25 each.

**Nephrolepis Cordata Compacta**. In our estimation this variety is the finest of all the Sword Ferns; it is of free, strong-growing compact habit, attaining when fully grown a height of about 2 feet. The fronds are of a dark green color, very rich, of upright growth, with just sufficient arch in them to make them graceful. For house culture or for window gardening, we do not know of any other variety that would give the same satisfaction and which we could recommend so highly. We offer three sizes: Strong 3-inch pots, 25 cts. each. Strong 4-inch pots, 50 cts. each. Specimen plants in 6-inch pots, \$1.00 each.

**Nephrolepis Exaltata Bostoniensis** (*"The Boston Sword Fern"*). A variety which originated in the vicinity of Boston, where it has been in popular favor for a number of years under the name of Boston Fern. In the vicinity of Boston no other plant is used so extensively as this graceful Nephrolepis, which differs from the ordinary Fern in having much longer fronds, which frequently attain a length of 4 feet. These fronds arch and droop over very gracefully, on account of which it is frequently called the Fountain Fern. This drooping habit makes it an excellent plant to grow as a single specimen on a table or pedestal. Good plants 25 cts. each. Strong plants 50 cts. each.

**Nephrolepis Davallioides Multiceps**. A distinct variety of *N. Davallioides Furcans*, from which it differs in the pinnae being much narrower and more forked, the fronds terminating in a branching crest of finely cut and divided growths; a most desirable variety. 50c. each.

**Platycerium Stemmaria** (*"Stag-horn Fern"*). This is a noble-looking Fern. The barren fronds are very broad, and the fertile ones, which are usually produced in pairs, are divided into two broad lobes and these again terminate in two obtuse lobes. Certainly one of the most imposing of the Stag-horn variety. (See cut.) \$2.50 each.



CIBOTIUM SCHIEDEI.



PLATYCERIUM STEMMARIA (STAG-HORN FERN).



NEPHROLEPIS CORDATA COMPACTA.

### GENERAL COLLECTION OF Fine Ferns.

No collection of plants is complete without Ferns. The selection we offer embraces the best varieties of this beautiful class of plants, whose diversity and gracefulness of foliage make them peculiarly fitted to combine with other fine plants and flowers.

The popularity of Ferns has increased wonderfully in the past few years, and they are now indispensable in all choice floral decorations, and are especially valued for ferneries for room and table decoration. Where there is moisture and shade most of the varieties succeed well when planted out-of-doors; they delight in a light soil mixed with sand

and peat or leaf mould; good drainage must be provided, as stagnant water is fatal to success.

**Adiantum Bellum**. A beautiful variety, with tufted fronds about 4 inches long. 15 cts.

— **Caudatum**. A creeping variety of the Maiden Hair, having the same habit as our native "Walking Fern" of rooting at the tips of the fronds and forming new plants; admirably adapted for growing in hanging baskets. 25 cts.

\*— **Cuneatum**. The popular Maiden Hair. 25 to 50 cts.

\*— **Cuneatum Grandiceps**. A very beautiful form of *A. Cuneatum*, having long graceful fronds, with the ends of the fronds developed into bunching-tasseled heads; a distinct and lovely variety. 25 and 50 cts. each.

\*— **Decorum**. A strong growing variety, bronzy foliage. 15c.

\*— **Dolabriforme**. A remarkable Fern of peculiar creeping habit, with long drooping fronds, at the ends of which young plants form; well adapted for growing in hanging baskets. 25c.

— **Farleyense**. This is the finest of all the Maiden Hair varieties. 50 cts., \$1.00, \$2.00.

— **Formosum**. A tall growing sort; makes handsome specimen plants. 25 cts.

\*— **Gracillimum**. Smallest, most graceful Maiden Hair. 25c.

— **Lathomii**. A fine large growing variety. 50 cts.

— **Le Grandi**. Dwarf, compact, fine foliage. 15 cts.

— **Mundullum**. 15 cts.

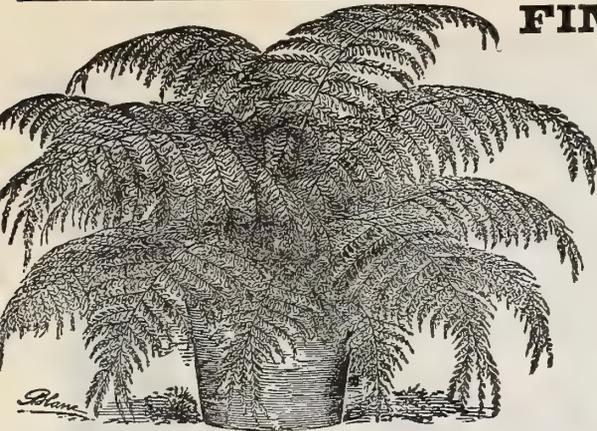
\*— **Pubescens**. A useful basket variety. 15 cts.

— **Pulverulentum**. 15 cts.

— **Rhodophyllum**. This handsome variety is best described as a miniature form of *A. Farleyense*, much easier to grow. 25 cts.

— **Wiegandi**. A pretty little species, with peculiarly crested and overlapping pinnae. 25 cts.

**FINE FERNS**—CONTINUED.



MICROLEPIA HIRTA CRISTATA.

- Alsophila Australis.** Australian tree-fern, a very rapid growing species. 25 and 50 cts.
- Asplenium Belangeri.** An easy-growing species, with pretty divided pinnæ. 25 cts.
- Blechnum Braziliense.** A strong-growing species, useful for decorative purposes. 25 cts.
- Cibotium Schiedeii.** One of the most desirable and valuable Tree Ferns in cultivation. Specimen plants \$5.00 each; good young plants \$1.00 each.

**Cyrtomium Falcatum.**

One of the most desirable Ferns for house culture; a strong-growing variety, with large deep green foliage. 15 cts.

- \*— **Caryotidium.** 15 cts.
- **Fortunei.** 15 cts.
- Davallia Fijiensis Majus.** A most useful variety, elegant to grow into specimen plants either in large pots or hanging baskets. 25 cts.

\*— **Stricta.** One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out; the fronds are of strong texture and of a beautiful shade of green. 25 and 50 cts.

- **Fijiensis Plumosa.** A charming evergreen Fern, with gracefully arching fronds, of easy and rapid growth. 25 to 50 cts.
- **Mooreana.** An elegant exhibition Fern of rapid growth. 50 cts.
- **Pentaphylla.** Dwarf growing, with dark green fronds. 25 cents.

- \***Dicksonia Antarctica.** 25 cts.
- Doryopteris Nobilis.** 25 cts. and 50 cts.
- Gymnogramma Chrysophylla.** The best of the "Gold Ferns." 15 cts.
- **Sulphurea.** Sulphur Fern. 15 cts.

\***Lastrea Aristata Variegata.** This most beautiful variety has a broad band of yellowish-green running through the pinnules. 25c.

- **Chrysoloba.** 15 cts.
- **Opaca.** A pretty species with dark green triangular foliage. 15c.
- \***Lomaria Ciliata.** A dwarf Tree-Fern. 15 cts.
- Microlepia Cristata.** A most useful decorative Fern, indispensable in any collection. 25 to 50 cts.
- **Hispida.** A graceful dwarf-growing variety. 25 cts.
- Nephrolepis Davallioides Furcans.** A beautiful and distinct crested variety. 50 cts. to \$2.00.
- **Exaltata.** The Sword Fern. 15 to 25 cts.
- **Pectinata.** A dwarf variety of the Sword Fern. 15 cts.
- **Phillipense.** A pretty narrow-leaved form of the Sword Fern, with dark green foliage; very desirable as a basket plant. 25 cts.

- Nephrodium Hertipes.** 15 cts.
- Onychium Auratum.** A most desirable species, with very finely divided pinnæ; excellent for table decoration. 25 cts.

- \***Onychium Japonicum.** 15 cts.
- Platyloma Falcata.** 25 cts.
- \***Polypodium Aureum.** Large foliage of a distinct bluish color. 15 cts.
- \***Polypodium Fraxinellifolia.** 15 cts.
- \***Polystichum Coreaceum.** 15 cts.
- **Prolifera.** 15 cts.
- **Setosum.** 15 cts.
- Pteris Adiantoides.** Useful for house culture. 15 cts.
- \*— **Argyrea.** One of the most useful Ferns for all purposes; large, bold foliage, with broad band of white through the centre of each frond. 15 cts.
- \*— **Cretica Albo-Lineata.** A pretty and useful variegated variety. 15 cts.
- \*— **Cretica Magnifica.** Beautiful crested fronds. 15 cts.
- **Cretica Mayii.** A crested form of *Pteris Cretica Albo-lineata*, showing same variegations as that variety, but of dwarfer habit. 15 to 25 cts. each.
- **Victoria.** A most desirable variegated variety. 15 cts.
- \*— **Leptophylla.** Silvery-green foliage. 15 cts.
- \*— **Tremula Smithiana.** A crested form of *Pteris Tremula*; it makes a fine decorative plant. 25 cts.
- **Nemoralis.** Green foliage with white variegation. 15c.
- \*— **Palmata.** Bold, deep green foliage. 15 cts.
- \*— **Serrulata.** A useful basket Fern. 15 cts.
- \*— **Internata.** 15 cts.
- \*— **Serrulata Cristata.** A pretty crested Fern. 15 cts.
- **Serrulata Cristata Nana Compacta.** A very dwarf variety; makes a beautiful specimen plant. 15 cts.



DAVALLIA FIJIENSIS PLUMOSA.

- \*— **Sieboldi.** 15 cts.
- **Serrulata Cristata Variegata.** A pretty variegated form of the crested. 25c.
- \*— **Owardi.** 15 cts.
- \*— **Tremula.** Well-known and useful Fern. 15 cts.
- Scolopendrium Vulgare Crispum.** A pretty crested form of this hardy variety. 25c.
- Sitalobium Cicutarium.** A fine variety of easy culture, producing large fronds; well adapted to decorative purposes. 15 to 25 cts. each.

**Selaginella Emiliana.** A most beautiful and distinct species, of bold but very graceful habit, growing about 10 inches high. 30 cts. each, 4 for \$1.00.



LASTREA ARISTATA VARIEGATA.

The varieties marked with an \* we grow in very large quantities in 2½-inch and 3-inch pots. They are sorts that are best adapted for planting in fern dishes for table decoration. We can supply these varieties in quantities of not less than 25 plants (2½-inch pots) at \$8.00 per 100; (3-inch pots) at \$10.00 per 100.

We will furnish the entire collection of Ferns, 70 varieties, for \$10.00. We can also supply specimen plants grown in 10 to 12-inch pans, which make beautiful plants for decorative purposes, of nearly all the above varieties, at from \$1.00 to \$3.00 each.



FICUS ELASTICA.

## FICUS (Rubber Plant).

**Elastica.** The well-known India Rubber Tree, one of the very best plants for table or parlor decoration. Its thick, leathery leaves enable it to stand excessive heat and dryness.

|                               | EACH. |
|-------------------------------|-------|
| 4-inch pot, 10 inch high..... | \$ 50 |
| 5 " " 15 " " .....            | 75    |
| 6 " " 24 " " .....            | 1 25  |

**Elastica Variegata.** This is one of the finest decorative ornamental foliage plants of late introduction. In habit and growth it is like the ordinary *F. elastica*, but the leaves of this novel plant have a pleasing yellow variegation throughout. Fine plants, 4-inch pots, 10 to 12 inches high, \$1.00 each.

**Repens.** A trailing or creeping variety, with small foliage; useful for baskets. 25 cts. each.



FICUS ELASTICA VARIEGATA.

## GENISTA FRAGRANS.

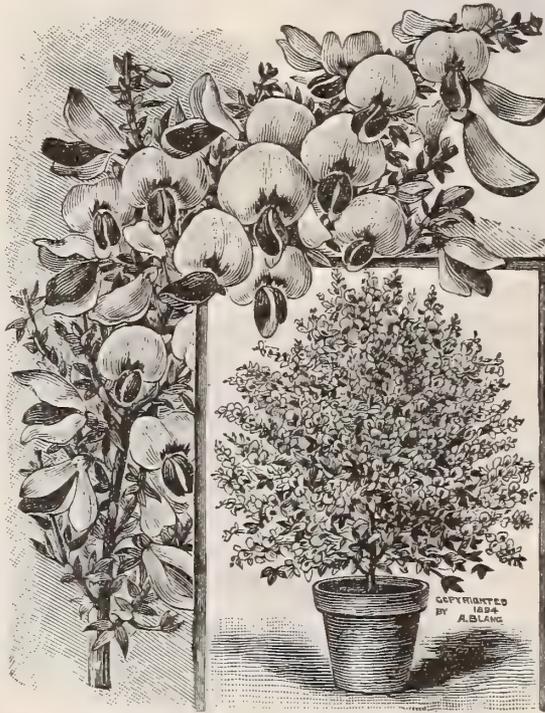
A most desirable spring-flowering plant, producing its fragrant bright golden-yellow flowers in the greatest profusion. As a winter plant of the easiest culture it is unsurpassed. Especially desirable for Easter decoration.

First size 50c. each, 3 for \$1.00  
Second " 30c. " 4 " 1.00

## GARDENIA FLORIDA.

(Cape Jessamine.)

Beautiful greenhouse evergreen shrubs with delightfully fragrant pure white waxy flowers, blooming from May to July. 25 to 50 cts. each.



GENISTA ANDREANA.

## Genista Andreana.

A most desirable shrub either for planting in the open border or for growing in pots as a decorative spring-flowering plant, like the well-known *Genista Fragrans* and *Racemosa* that are grown so extensively for Easter decorations; but, unlike those varieties, which are entirely yellow, the flowers of this new variety, which are nearly four times as large, are produced in large terminal racemes, the lower lip being of a bright yellow, while the upper one is of a rich brownish crimson. The plant is of elegant habit, with dark-green stems and foliage, and is hardy with protection.

30 cts. each, \$3.00 per dozen.

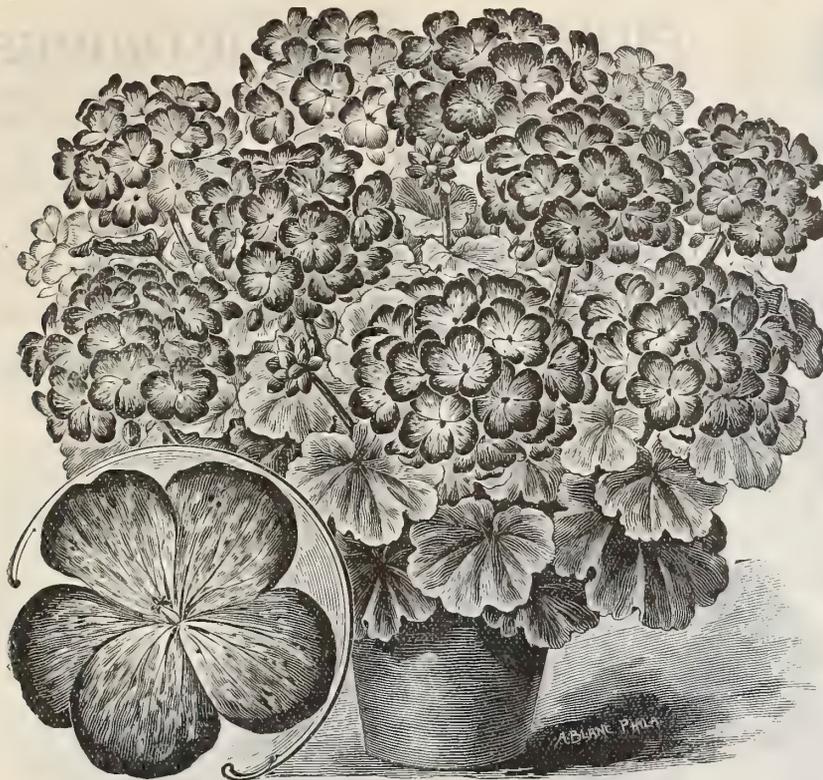


GLOXINIA.

## Gloxinia.

This charming class of summer-flowering bulbs is now so well known that a lengthy description of them does not seem necessary. They delight in a loose porous soil composed of equal parts of fibrous loam and leaf mould to which has been added a liberal sprinkling of thoroughly decayed, well-pulverized manure or bone meal and sharp sand. They should be shaded from the direct rays of the sun, but exposed to as much light as possible. After they begin to grow freely they should be gradually "hardened off" so that by the time they begin to flower they may be kept in a cool house, which will greatly prolong the period of flowering. An excellent method of cultivation where large quantities are grown is to plant out the bulbs in a spent hot-bed, where they succeed admirably, producing flowers of immense size and substance. When the plants have finished flowering water should be gradually withheld, and when fully ripened the bulbs should be stored in a moderately warm place in dry sand or other material, or if pot grown they should be left in the pots in which they have been grown.

Our collection of Gloxinias embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled. 15 cts. each, \$1.50 per doz., \$10 00 per 100.



GERANIUM MAD. BRUANT.

### THE TWENTY "BEST" DOUBLES.

- Acteon.** Very fine, brilliant scarlet; upper petals tinted rosy-lilac.
- Alfred Tennyson.** Trusses extremely large, in immense spherical balls 6 to 8 inches in diameter; color bright orange-scarlet, shaded vermilion red.
- Anatole de la Forge.** Bright rosy-magenta; dwarf.
- Bonnat.** Brilliant carmine-rose; extra choice.
- Bruanti.** The best scarlet bedding variety in cultivation.
- De Lacepede.** A beautiful double rosy-flesh, with lilac shadings. A distinct color and an excellent bedder.
- Ernest Kelway.** Vivid scarlet, large truss, very free.
- J. Ricaud.** Purplish-crimson, centre distinctly marked with white, shading beautifully into the other color.
- La Favorite.** A most beautiful double white, a strong grower and excellent bedder.
- Le Cid.** Deep velvety carmine-scarlet.
- Mad. Jaulien.** Centre delicate pink, bordered pure white.
- Maggie Hallock.** Deep salmon-pink; very free.
- Marguerite Closson.** Dark salmon-rose.
- Mme. Amye Chevreliere.** Very free both in growth and bloom. Fine large truss of pure white double flowers.
- Montesquien.** Rosy mauve-lilac, with shadings, distinct.
- Mrs. Hayes.** One of the best dwarf pink bedders.
- Richard Brett.** Large trusses of a peculiar orange-scarlet.
- S. A. Nutt.** Rich dark crimson; the flowers are of perfect shape and large size.
- William Pfitzer.** A beautiful apricot or peach, distinct.
- W. P. Simmons.** The most valuable dark colored double. Dark red with orange shadings.
- Price: 15 cts. each, \$1.50 per doz., \$8.00 and \$10.00 per 100. The set of 20 for \$2.00.

### VARIEGATED GERANIUMS.

- These varieties are especially valuable to grow as pot-plants for the window garden or for conservatory decoration.
- Bronze Model.** Golden-bronze type, splendid dark zone on a yellow ground; scarlet flowers.
- Happy Thought.** Large yellow blotch in the centre of the leaf, with an outer band of green; flowers rich rose.
- Mrs. Pollock.** One of the most beautiful of golden tri-colors; bronzy-scarlet zone, golden edge, scarlet flowers.
- Mountain of Snow.** Silver edge; vigorous grower, 15 cts. each. Set of 4 for 50 cts.

## GERANIUMS.

### TWO GRAND SINGLE VARIETIES

The two varieties described below are the leading sorts now grown for Covent Garden Market, London, where enormous quantities are disposed of daily. We consider them the best of their respective types and colors.

**Alsace-Lorraine.** A fine, large, pure white, the purest in color that we have yet seen; a strong free-grower, and, above all, remarkably free-flowering.

**Millfield Rival.** A rich glowing pink, brighter than any other pink yet introduced; the two upper petals are marked at the base with a pure white blotch, which intensifies the color; in habit it is all that could be desired, a strong, vigorous grower and free-bloomer.

Price: 35 cts. each, \$3.00 per doz., or one of each for 60 cts.

### THE TWENTY "BEST" SINGLES.

**Athlete.** Flowers large and round; trusses of enormous size. Color a brilliant clear scarlet; extra fine.

**Camille Bernardin.** Large flowers of rosy-peach, veined with brightest rose, the centre marbled, spotted and striped with white; a lovely variety.

- Cannell's Favorite.** Rosy-carmine.
- Copernic.** Rose and dark carmine, with white centre; fine.
- Fleur Poitevine.** Brilliant rosy-carmine, marbled and striped pure white, with an aureole of deep rose at the centre.
- Gen. Grant.** An old favorite; scarlet bedder.
- J. Sallier.** Entirely distinct from all other varieties, edges of petals carmine-lake, with centre marked in tints of rose and heliotrope.
- Juliette.** White suffused with pink.
- Mad. Bruant.** Distinct and novel; color white, veined with carmine-lake; florets regularly veined with bright solferino. (See cut.)
- Madonna.** Color a soft shade of pale pink; florets large, arranged in handsome trusses well above the foliage.
- Marguerite de Layre.** Finest single, pure white.
- M. E. Gailletet.** Habit strong; foliage beautifully zoned; trusses immense; color pale rose, passing to bright rose.
- Mrs. A. Blanc.** Apricot-red with red veins, rose centre.
- Mrs. E. G. Hill.** A fine salmon.
- Queen Olga.** Fine rich, pure pink.
- Rev. Mr. Atkinson.** Rich dark crimson; very large truss
- R. Mason.** Fine scarlet bedder.
- Sam Sloan.** Velvety crimson; immense truss.
- Van Dael.** Very large trusses, with good-sized flowers of a bright silvery-rose, bordered with white.
- W. A. Chalfant.** A grand single scarlet bedder.

Price: 15 cts. each, \$1.50 per doz., \$8.00 to \$10.00 per 100. The set of 20 for \$2.00.

### DOUBLE IVY-LEAVED GERANIUMS.

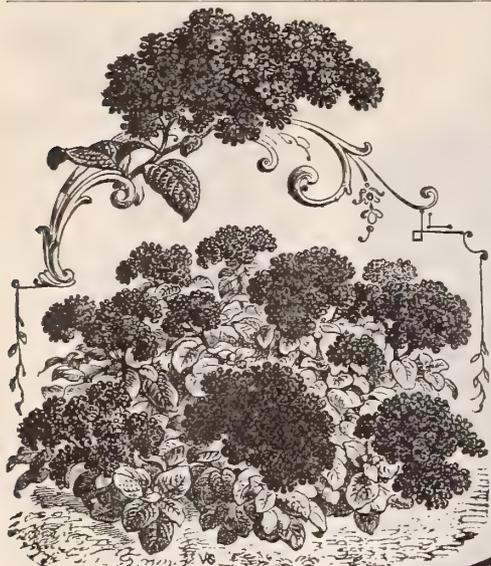
The improvement in this class of plants for the past few years has been very striking. Our collection of 12 varieties embraces all the best of recent introduction as well as the cream of the well-tried old varieties.

10 cts. each, \$1.00 per doz. Set of 12 varieties for \$1.00.

### SCENTED GERANIUMS.

Rose, Shrubland Pet, Pennyroyal or Cut-leaved Rose, Lemon, Nutmeg and Variegated Rose.

10 cts. each. The set of six for 50 cts.



MAD. BRUANT HELIOTROPE.

## EIGHT FINE HELIOTROPES

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass and may be planted in the open border during the summer.

**Albert Deleaux.** Large purple flowers, with golden variegated foliage.

**Chieftain.** Lilac, large truss.

**Fleur de Ete.** Light blue, white eye, immense truss.

**Madame Bruant.** Very dark with immense truss.

**Madame de Blonay.** Large truss, nearly pure white.

**Lizzie Cook.** Of the deepest violet-purple, with large white eye, and very fragrant.

**Queen of the Violets.** Finest dark variety in cultivation; large white eye.

**White Lady.** One of the finest whites.

Price 10 cts. each, \$1.00 per dozen. The set of 8 for 60 cts.

## The Three Moon Flowers.

Pink, White and Blue.

**Ipomœa Noctiflora.** The well-known popular white, fragrant Moon Flower.

10 cts. each, \$1.00 per dozen.

**Ipomœa Learii** (*Blue Dawn Flower*). Intense violet-blue flowers, 6 inches in diameter.

10 cts. each, \$1.00 per doz.

**Ipomœa Mexicana.** Large, pink or rose-colored flowers; a grand companion to the above; being tuberous-rooted, it can be wintered the same as a Dahlia root. 15 cts. each, \$1.50 per dozen.

The set of 3 Moonflowers for 25 cts.



HYDRANGEA OTAKSA MONSTROSA.

## Hydrangeas.

**Empress Eugenie.** A most desirable old variety which is perfectly hardy, forming large shrubby plants, producing large heads of light pink flowers, which, on fully developing, change to a purplish hue. First size 50c. each, 3 for \$1.00. Second size 20 cts. each, 4 for \$1.00.

**Hortensia Variegata.** A pretty variegated variety with dark green foliage, beautifully edged with white. 30 cts. each, 4 for \$1.00.

**Otaksa.** A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decoration. First size 50 cts. each, 3 for \$1.00. Second size 30 cts. each, 4 for \$1.00.

**Otaksa Monstrosa.** An extreme large-flowered variety of recent introduction; produces much larger clusters of flowers than *Otaksa*. In color it is intense rose shaded white, and is produced very freely. (See cut.) Strong young plants 30 cts. each, 4 for \$1.00.

**Paniculata Grandiflora.** This will be found offered with other hardy shrubs on page 152.

**Red Branched.** This is one of the finest varieties in cultivation, with dark-red branches that brighten as they near the flower trusses. The plant is of robust habit, and produces freely immense heads of deep rose-colored flowers. First size 50 cts. each, 3 for \$1.00. Second size 30 cts. each, 4 for \$1.00.

**Stellata Fimbriata.** The flowers are produced in large trusses, and are of the purest white; each floret is neatly fringed and has a distinct crimson spot in the centre. First size 50 cts. each, 3 for \$1.00. Second size 30 cts. each, 4 for \$1.00.

**Thos. Hogg.** Large, pure white flowers, which, on well-grown plants, measure more than 12 inches in diameter. Is quite as hardy as the other garden sorts. First size 50 cts. each, 3 for \$1.00. Second size 30 cts. each, 4 for \$1.00.



MOON FLOWER.

**JASMINUM.**

- Gracillimum.** Exceedingly floriferous; a flowering shoot is produced from every joint, which terminates in a cluster of pure white, fragrant flowers; in bloom from October to February. 30c. each
- Grandiflorum** (*Star Jasmine* or *Catalonian Jasmine*). This variety is an old favorite and undoubtedly the most satisfactory for general culture; it flowers almost the entire season, and is especially valued as a house plant in winter; pure white, deliciously scented. 25 cts. each.
- Grand Duke.** Large, double white, imbricated flowers; fragrant. 30 cts. each.
- Maid of Orleans.** Creamy white, fragrant flowers. 30 cts. each. The set of four varieties, one of each, \$1.00.

**JUSTICIA VELUTINA.**

A beautiful free-flowering variety, with pretty pink heads of flowers which are produced in the greatest profusion at all seasons. (See cut.) 25 cts. each, \$2.50 per doz.

**LANTANAS.**

- Craig.** Rich orange-carmine.
- Empress Eugenie.** Pink with white centre.
- Favorita.** Yellow merging into crimson.
- Golden Ball.** Compact growing, golden-yellow.
- Perfection.** Green foliage, variegated with yellow, lilac flowers; very showy, and constant.
- Queen Victoria.** Fine pure white. 10 cts. each, \$1.00 per doz; the set of 6 for 50 cts.



JASMINUM GRANDIFLORUM.

**LAPAGERIA.**

Extremely beautiful greenhouse climber, producing numerous fine, large bell-shaped waxy flowers of great substance, lasting a long time in bloom, most attractive of ornamental climbers for the greenhouse or conservatory.

- Rosea.** Rich rosy-crimson. \$2 50 each.
- Alba.** Pure waxy white. \$4 00 each.

**LINUM TRIGYNUM.**

An old plant which should receive more attention. As an early winter flowering plant it is simply indispensable; its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball. It is of easy cultivation and a most desirable house plant. 15 cts. each, \$1.50 per doz.

**LIGULARIA KÆMPFERI ARGENTEA.**

This beautiful plant is closely allied to the Farfugium Grande, with foliage of similar shape, but of a glaucous green color, which is irregularly edged with creamy white. A most desirable plant either for pot culture or for planting in the open border. 50 cts. each.

**LOTUS PELIORHYNCHUS.**

(Coral Gem.)

A most charming trailing plant especially suited for basket culture, with small slender silvery-green foliage and bright coral-red flowers of peculiar shape; a most graceful plant in every way. (See cut.) 15 cts. each, 4 for 50 cents.

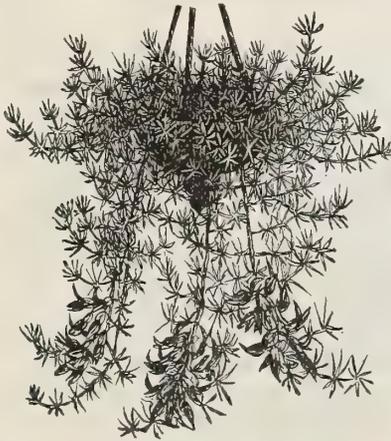
**MAGNOLIA FUSCATA** (*Banana Shrub*).

A most desirable greenhouse shrub, succeeding admirably as a window plant. It produces its small flowers in the greatest profusion during late winter or early spring months. These are of the most exquisite fragrance, similar to a ripe banana. 50 cts. each.

**MARANTA.**

Valuable decorative stove plants, remarkable for their richness and beauty of their varied foliage.

- Makoyana.** \$1.00 to \$1.50 each.
- Masangeana.** (See cut.) 50 cts. each.
- Rosea Picta.** 50 cts. to \$1.00 each.
- Zebrina.** 50 cts. to \$1.00 each.



LOTUS.



JUSTICIA VELUTINA.



MARANTA MASANGEANA.

COPYRIGHTED 1890 BY ABLANC

# PALMS

We are the Largest....

# Growers of Palms

In the World.



Palms are now indispensable in all decorations, whether for apartments, conservatories or for tropical bedding in summer. The large demand the past few years has induced us to considerably increase our facilities for propagating and growing this class of stock, and we have now thirty-five of our largest houses devoted to their cultivation alone, which enables us to supply all the leading and popular varieties at most reasonable prices. The varieties enumerated below are those best adapted for house culture.

(The heights given are from top of pot to top of plant in its natural position.)

## KENTIAS.

The Kentias, both *Belmoreana* and *Forsteriana*, are the hardiest in cultivation and give better satisfaction as a house plant than any other varieties. They are of slow growth, and are not affected by the dust and dry atmosphere of the house, and were we to select one Palm only, it certainly would be a Kentia. The two varieties are of similar appearance, the former being dwarfer and more spreading, and the latter is of stronger growth with broader, heavier foliage.

### KENTIA

#### BELMOREANA.

| SIZE OF POTS. | NO. LEAVES.    | HEIGHT.     | EACH. |
|---------------|----------------|-------------|-------|
| 3-in.         | 4 to 5         | 12 in.      | \$ 50 |
| 4 "           | 5 to 6         | 15 "        | 1 00  |
| 5 "           | 6              | 20 to 22 "  | 1 50  |
| 6 "           | 6              | 24 to 30 "  | 2 50  |
| 7 "           | 6 to 7         | 30 to 36 "  | 3 50  |
| 7 "           | 6 to 7         | 36 to 42 "  | 5 00  |
| 8 "           | 6 to 7         | 48 to 54 "  | 7 50  |
| 10 "          | 6 to 7         | 54 to 60 "  | 12 50 |
| 12 "          | 7 to 8         | 7 ft.       | 40 00 |
| 16-in. tubs,  | 8 to 9 leaves, | 9 ft. high. | 75 00 |

### BUSHY MADE-UP PLANTS OF KENTIA BELMOREANA.

Many prefer this class of plant. The centre plant is tall, with 3 smaller plants around it, the whole forming a handsome bushy specimen. The illustration gives a good idea of their general appearance.

| 6-in. pots, | 24 to 28 in. high, | 4 plants in a pot. | EACH.  |
|-------------|--------------------|--------------------|--------|
| 7 "         | 30 to 36 "         | 4 " " "            | \$2 50 |
| 8 "         | 36 to 42 "         | 4 " " "            | 4 00   |
| 9 "         | 4 ft.              | 4 " " "            | 6 00   |
|             |                    |                    | 12 50  |

### KENTIA FORSTERIANA.

| POTS. | LEAVES. | HEIGHT.     | PRICE EACH. |
|-------|---------|-------------|-------------|
| 3-in. | 3 to 4  | 12 in. high | \$ 30       |
| 4 "   | 4 to 5  | 15 "        | 50          |
| 5 "   | 5       | 18 "        | 1 00        |
| 6 "   | 5 to 6  | 24 "        | 1 50        |
| 6 "   | 6       | 36 "        | 2 50        |
| 7 "   | 6 to 7  | 42 "        | 4 00        |
| 7 "   | 6 to 7  | 48 "        | 5 00        |
| 9 "   | 6 to 7  | 60 "        | 10 00       |
| 10 "  | 6 to 7  | 66 "        | 15 00       |
| Tubs  | 7       | 6 ft.       | 25 00       |
| "     | 7       | 8 "         | 35 00       |
| "     | 7       | 10 "        | 75 00       |

### BUSHY MADE-UP PLANTS OF KENTIA FORSTERIANA.

| 6-in. pots, | 36 in. high, | 4 plants in a pot | EACH.  |
|-------------|--------------|-------------------|--------|
| 8 "         | 42 "         | 4 " " "           | \$3 00 |
| 10 "        | 60 "         | 4 " " "           | 5 00   |
|             |              |                   | 12 50  |



COCOS WEDDELIANA.

## ARECA LUTESCENS.

One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright glossy-green, with rich golden-yellow stems.

| 3-in pots, | 4 to 5 leaves,    | 12 to 15 in. high | EACH. |
|------------|-------------------|-------------------|-------|
| 4 "        | 5 " 6 "           | 15 " 18 "         | \$ 25 |
| 5 "        | 6 " 7 "           | 18 " 20 "         | 50    |
| 6 "        | 6 " 8 "           | 24 "              | 1 00  |
| 8 "        | 10 " 12 "         | 36 " 42 "         | 3 50  |
| 8 "        | 10 " 12 "         | 48 "              | 5 00  |
| 10 "       | Fine bushy plants | 60 "              | 7 50  |

## COCOS WEDDELIANA

The most elegant and graceful of all the smaller Palms. Its slender erect stem is freely furnished with its gracefully arching leaves, made up of innumerable long, narrow pinnæ or segments of a rich green color. The Cocos are admirable for fern-dishes, as they are of slow growth and maintain their beauty for a long time. (See cut.) 3-in. pots, 12 in. high, 50 cts. each; 4-in. pots, 15 in. high, \$1.00 each.

Specimen plants, 8-in. pots, about 3 ft. high, \$7.50 to \$10.00 each.

## LICUALA ELEGANS.

A rare variety that is seldom seen, with light shining green palmate leaves divided into narrow segments. \$1.00 each.



BUSHY MADE-UP PLANT OF KENTIA BELMOREANA.

**LATANIA BORBONICA.**

(Chinese Fan Palm.)

This popular variety is too well known to require description. We grow them in immense quantities. (See cut.)

|   | EACH. |
|---|-------|
| 3-in. pots, 4 to 5 leaves, 12 in. high..... | \$ 25 |
| 4 " 5 to 6 " 15 " .....                     | 50    |
| 5 " 6 " 15 " .....                          | 1 00  |
| 6 " 6 " 20 " .....                          | 1 50  |
| 7 " 6 to 7 " 24 " .....                     | 2 50  |
| 8 " 7 to 8 " 30 " .....                     | 5 00  |



LATANIA BORBONICA.

**LATANIA BORBONICA AUREA.**

A golden-leaved variety of the Chinese Fan Palm; quite rare. Strong, thrifty specimens, in 6-inch pots, with 5 to 6 leaves, about 15 inches high, \$3.00 each; larger plants, in 7-inch pots, \$4.00 each.

**LIVISTONA ROTUNDIFOLIA.**

One of the prettiest Palms, especially suited for table decoration. The foliage is similar to that of *Latania Borbonica*, but smaller and gracefully recurved, forming an almost globular plant. (See cut.) Young plants in 3½-inch pots, 4 to 5 leaves, 8 inches high, 50 cts. each; fine specimen plants, in 5-inch pots, \$1.50 each.



LIVISTONA ROTUNDIFOLIA.

**PHENICO-PHORUM SEHELLARUM**

(*Stevensonia Grandifolia*.)

One of the handsomest and most imposing of all Palms, foliage of immense size, of a dark green, with many minute orange-colored spots. The stems are of an orange color, and covered with long black spines; a rare and interesting variety. Young plants in 2½-inch pots, 75 cts. each; strong plants, in 5-in. pots, \$3.00 each.

**PHENIX CANARIENSIS.**

One of the hardiest of the Date Palms, with dark green feathery foliage, of strong growth, and is especially valuable for outdoor decoration, as it stands sun and wind without the least damage even in exposed situations.

|                           | EACH.  |
|---------------------------|--------|
| 8-in. pots, 30 in. high.. | \$2 50 |
| 9 " 36 " ..               | 5 00   |
| 9 " 42 " ..               | 6 00   |

**PHENIX RUPICOLA.**

This is one of the most graceful among the smaller Palms, with wide-spreading arching pinnate leaves, broadly lance-shaped in outline, with long, narrow pinnae, the lower of which become gradually reduced to spines. Good strong young plants, in 4-inch pots, 50 cts. each; strong specimens, in 6-inch pots, 2 feet high, \$2.50 each.

**PHENIX RECLINATA.**

A strong growing form of the Date Palm, with dark green, glossy foliage; a most desirable variety. (See cut.)

|  | EACH. |
|--|-------|
| 4-inch pots, 10 to 12 inches high..... | \$ 50 |
| 5 " 15 " .....                         | 1 00  |
| 6 " 24 " .....                         | 1 50  |
| 7 " 30 " .....                         | 2 00  |

**PTYCHOSPERMA ALEXANDREA.**

One of the most rapid-growing varieties, and of exceedingly easy culture. Foliage light green on the upper side with a silvery reflex; very graceful.

|  | EACH.  |
|--|--------|
| 3-inch pots, 10 to 12 inches high..... | \$0 25 |
| 4 " 15 to 18 " .....                   | 50     |

**RAPHIS FLABELLIFORMIS.**

A Japanese variety of easy culture, succeeds in almost any position. The foliage is of a very rich, dark green color; the habit of the plant is to sucker from the base, so that it forms a handsome bushy specimen. 6-inch pots, about 24 inches high, \$2.50 each.

**SEAFORTHIA ELEGANS.**

One of the very best for ordinary purposes, of graceful habit, and rapid, easy growth. 50 cts. and \$1.00 each.



PHENIX RECLINATA.

**Special Offer.**—We will send a thrifty young plant each of Areca, Kentia, Phoenix, Latania and Seaforthia, prepaid to any address in the United States, for \$1.00.



MUSA ENSETE.

**MUSA ENSETE** (Abyssinian Banana).

The grandest of all the Bananas; the leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson mid-rib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace or flower garden. Strong plants at 50 cts. and \$1.00 each.

**OLEA FRAGRANS.**

(Sweet Olive.)

An old favorite greenhouse shrub, succeeding admirably as a house plant, producing small white flowers which are of the most exquisite fragrance, continuing to bloom almost the entire winter. 50 cts. each, \$5.00 per doz.

**OTAHEITE ORANGE.**

The best of the Oranges for house culture. It is of dwarf, bushy habit, and bears a profusion of fragrant flowers and edible fruit. We offer two sizes: First size, fruiting plants, 50 cts. each. Second size, 35 cts. each.

**PASSIFLORA.**

(Passion Flower Vine.)

**Princeps.** Undoubtedly the finest of all Passifloras for greenhouse culture. It produces its flowers of rich carmine-scarlet in long terminal racemes, which remain in perfection a long time. The plants we offer are very strong, but our stock is limited. \$1.50 each.

**Pfordti.** This we consider the best of all the tender varieties for outdoor planting. Its beautiful flowers are borne freely, even on quite small plants. They are of a rich shade of blue, suffused with rose. 15 cts. each, \$1.50 per doz.

**Quadrangularis Variegata.** A pretty variegated variety having large foliage, which is mottled with bright golden-yellow spots and light colored, almost white flowers. 15 cts. each, \$1.50 per doz.



ROYAL EXHIBITION PANSY.

**PANAX VICTORIÆ.**

A pretty, shrubby plant, with finely divided light green leaves with their edges clearly defined with white variegation; very useful as a decorative plant for the table. 50 cts. each.

**DREER'S ROYAL EXHIBITION PANSIES.**

The plants here offered are grown from our own choicest strain of seed procured from the world's greatest Pansy specialist, and for size of bloom, richness of coloring and texture, will be found unapproached by any other strain. Good strong plants 10 cts. each, 75 cts. per doz., \$5.00 per 100.

**PANDANUS.**

(Screw Pine.)

**Utilis.** This is one of the most useful of our ornamental foliage plants; excellent for the centre of vases and baskets, or grown as a single specimen.

|                                 |       |
|---------------------------------|-------|
|                                 | EACH. |
| 3-inch pots, 8 inches high..... | \$ 25 |
| 5 " " 15 " " .....              | 1 00  |
| 6 " " 18 " " .....              | 1 50  |

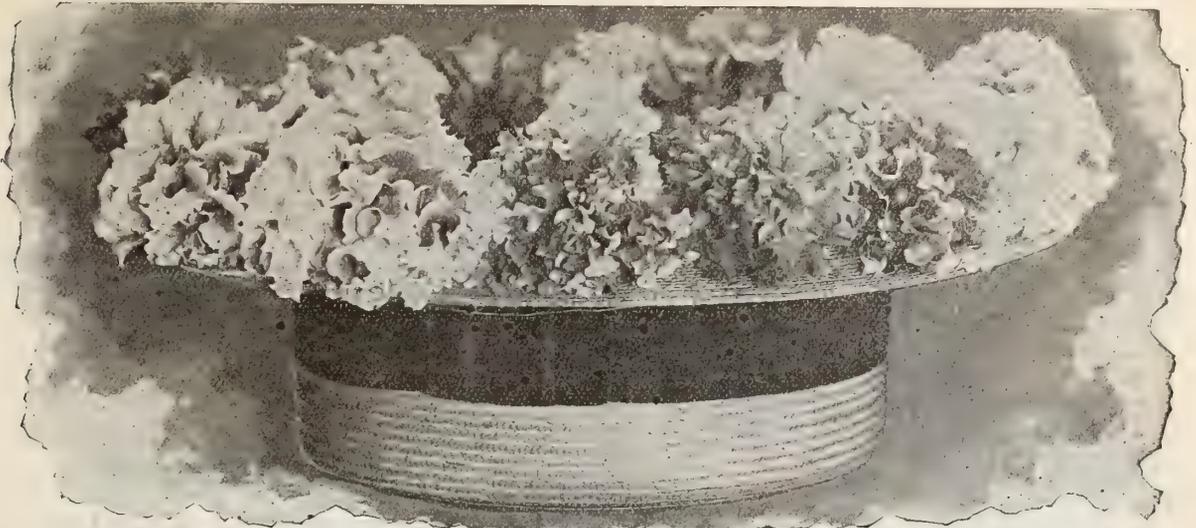
**Veitchi.** This is one of the most attractive of decorative plants. The leaves are light green, beautifully marked with broad stripes of pure white, and gracefully curved.

|                                  |        |
|----------------------------------|--------|
|                                  | EACH.  |
| 4-inch pots, 12 inches high..... | \$1 00 |
| 5 " " 15 " " .....               | 1 25   |
| 6 " " 18 " " .....               | 1 50   |

Specimen plants \$5.00 to \$10.00 each.



PANDANUS VEITCHI.



A "HATFUL" OF DREER'S DOUBLE PETUNIAS, REPRODUCED FROM A PHOTOGRAPH.

## DREER'S SUPERB DOUBLE FRINGED PETUNIAS.

For many years we have made a speciality of Double Petunias, growing about five thousand seedlings annually, from which we select the choicest for propagation. We have discarded the plain edged sorts, as the fringed and laced varieties listed below are very much better. To bring our strain of Double Fringed Petunias to the notice of such of our patrons who have not yet tried them, we have chosen them as one of the subjects for the cover of this catalogue, but the plate does not do them justice, it being impossible to reproduce the intricate fringing and lacing and delicate colorings, but it nevertheless conveys a fair idea of their beauty.

**Ada.** Purplish-crimson edged with pure white, very large.  
**Albion.** Carmine rose, splashed and mottled white.  
**Ariel.** Soft rosy crimson mottled with white.  
**Clio.** White with crimson mottled centre.  
**Comet.** Rich purple, each petal edged with white.  
**Champion.** Rich crimson purple; shown on back cover of this catalogue.  
**Delicata.** Pure white, laced rosy carmine.  
**Excelsior.** Pure white mottled crimson purple.  
**Excellent.** Pure white mottled with carmine.  
**Gem.** White with crimson base; shown on back cover of this catalogue.  
**Harlequin.** Carmine rose mottled with white.

**Juno.** Bright rosy carmine mottled with white.  
**Majestic.** A self-colored rosy carmine.  
**Minerva.** Mottled and splashed white and carmine.  
**Onyx.** Purplish-crimson edged with white.  
**Ovid.** White, mottled crimson and rose.  
**Picco.** Rosy crimson edged with white.  
**Stella.** White ground, heavily marked with rosy-crimson.  
**Striking.** Rich purple mottled and edged with white.  
**Trophy.** Very soft rose; delicate and dainty.  
**Unique.** Purplish-rose mottled white; fine, large.  
**Vesuvius.** Very rich purple edged with white.  
**Victoria.** Blush white with deeper veins; shown on back cover of this catalogue.

Price: 15 cts. each; \$1.50 per dozen. Set of 25 varieties for \$2.50.

**Single Large Flowering Petunias.** Mixed Seedlings (ready April 1st), 10 cts. each; \$1.00 per doz.  
*(Seeds of both Double and Single Petunias will be found offered on page 83)*

## Seven Grand Pelargoniums.

(Lady Washington Geraniums.)

The seven varieties listed below are the finest that have ever come to our notice. The plants are of strong, vigorous growth and very free-flowering, while the size and shape of the flowers are all that could be desired.

**Dorothy.** An extremely free-flowering variety of a soft rosy salmon, with dark maroon blotches on the upper petals and very richly shaded with plum color around the throat; petals prettily fringed.

**Mrs. Bradshaw.** A fine large flower; white with dark purple blotches.

**Madame Thibaut.** White, richly blotched and marked with rose, the upper petals marked with crimson maroon with large white centre; the trusses and individual flowers are of immense size, while the petals are heavily ruffled, giving it a well doubled appearance.

**Mrs. Robert Sandiford.** A sport of the above variety with which it is identical in every way, except in color, which is of a pure glistening snow-white; a grand acquisition.

**Madame Vibert.** A grand flower with black maroon blotches bordered fiery red, the flower entirely edged with rose; a vigorous grower, of fine habit, and a free bloomer.

**Marquise of Salisbury.** A high-colored variety with rich dark spots and very large flowers.

**Victor.** Bright cherry-red with white markings at base of each petal, two upper petals heavily spotted with deep maroon; fine large flower.



PELARGONIUM "DOROTHY."

25 cts. each. Set of 7 for \$1.50.



SOLANUM SEAFORTHIANUM AZUREUM.

### SOLANUM WENDLANDI MAGNIFICUM.

A rare and beautiful species of climbing habit, beginning to flower early in July and continuing in full bloom until cut down by severe frost. This is one of the most highly admired plants in our trial grounds, attracting attention at once on account of the large size of its flowers, which are over two inches in diameter, and are produced in large clusters, frequently over 100 flowers being on one truss. Color a mauve-blue of a distinct and pleasing shade. 30 cts. each, 4 for \$1.00.

### SOLANUM SEAFORTHIANUM AZUREUM (The Blue Solanum).

A pretty climbing species of the same habit of growth as *Jasminoides Grandiflorum*, but with large clusters of blue flowers which are succeeded by scarlet berries, which remain perfect for a long time. (See cut.) 15 cts. each, 4 for 50 cts.

### SOLANUM JASMINOIDES GRANDIFLORUM.

A beautiful plant, which inclines to a trailing or climbing habit, but can be pinched back to a bush form. Its flowers are star-shaped, like a *Clematis*, and borne in enormous panicles or clusters often a foot across. In color they are pure white, with a violet tinge on back of petals and on the buds. In pots it is a fine bloomer both summer and winter. 15 cts. each, 4 for 50 cts.

### STROBILANTHES DYERIANUS.

A desirable foliage plant, with leaves 4 to 5 inches long and 2 inches wide, which are of an intense metallic-purple color shading into light rose with a light green margin, a combination unapproached by any other plant. It is an excellent plant either for bedding out or for pot culture; flowers of a violet blue. (See cut.) 15 cts. each, \$1.50 per doz.

### SWAINSONA GALEGIFOLIA.

**Alba.** A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. Its easy culture, growing in almost any light position, its freedom of bloom, and the grace and beauty of the flower and plant will undoubtedly make it popular.

**Rosea.** A new pink-flowered variety; very pretty. 15 cts. each, 2 for 25 cts., \$1.50 per doz.

### PITTIOSPORUM TOBIRA VARIEGATA

An evergreen shrub excellent as a house-plant, standing the dry atmosphere of a room without injury, with dark green foliage, which is prettily variegated with white; flowers white, fragrant. 50 cts. each.

### PLUMBAGO.

**Plumbago Capensis.** Color light blue, very free flowering. 15 cts., 6 for 60 cts.

— **Capensis Alba.** The exact counterpart of *Plumbago Capensis* except in color, which is a creamy-white. 15 cts. each, 6 for 60 cts.

— **Coccinea Superba.** Similar in style to *Plumbago Rosea*, but producing long racemes of flowers 12 to 15 inches in length, and of a bright satiny-carmine color. They remain in bloom a long time and are very showy and brilliant. 25 cts. each; 5 for \$1.00.

The set of 3 for 40 cts.

### SALVIA.

**Gypsy.** Maroon.

**Prince Ali.** Deep crimson.

**Soucheti Alba.** Pure white.

**Splendens.** Scarlet Suceage.

**Marmorata.** White striped scarlet.

10 cts. each, \$1.00 per doz., \$8.00 per 100.

### SANCHEZIA NOBILIS.

A beautiful and attractive stove plant from Ecuador, with glaucous-green foliage striped with white. 50 cts. each.

### SANSEVIERA

#### ZEALANICA.

An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity. 15 cts. each, 4 for 50 cts.

### STEPHANOTIS

#### FLORIBUNDA.

One of the most charming hot-house climbers, growing rapidly, with long, glossy, deep green foliage, and producing clusters of pure white deliciously fragrant flowers. 50 cts. each.



SANSEVIERA ZEALANICA.



STROBILANTHES DYERIANUS.

**VERBENAS.** (Ready March 1st.)

We offer twelve of the most distinct varieties of these useful bedding plants. All are of the mammoth or large flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink, blue, white, etc. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

**VINCA MAJOR VARIEGATA.**

One of the very best vase plants. Leaves glossy-green, broadly margined creamy white; blue flowers. 15 cts. each, \$1.50 per doz.

**DOUBLE VIOLETS.**

**Lady Hume Campbell.** A fine double blue.

**Marie Louise.** Deep blue, double; fragrant.

**Swanley White.** Large double, pure white.

**Double Russian.** Perfectly hardy, double blue, deliciously fragrant, deep in color, and very free flowering.

Price, any of the above, 10 cts. each; \$1.00 per doz.; \$8.00 per 100.



LUXONNE VIOLET.

**SINGLE VIOLETS.**

The varieties offered below are fully as desirable as the finest doubles, and for freedom of bloom they excel anything heretofore offered.

**Admiral Avellan.** A French variety with distinct bright reddish flowers, produced very freely; of large size and fragrance.

**California.** Flowers are very large, borne on long stout stems, which makes it especially valuable as a cut-flower; intensely fragrant and of a clear violet-purple color that does not fade out.

**Luxonne.** Of the same size as the California, but appears nearly double its size, as the petals all open out flat, and has the advantage of flowering continuously from early in September until April. It is of a beautiful rich but soft violet-purple color, with strong stout stems and very fragrant. (See cut.)

**Princess of Wales.** Another grand variety, not quite as large as Luxonne and a shade lighter in color; intensely fragrant.

Price, 10 cts. each; \$1.00 per doz.; \$8.00 per 100.

**General Collection of Popular Plants.**

The limited space of this catalogue prevents us from giving full descriptions of the following popular and well-known plants. The list embraces some of the oldest and best varieties which should not be overlooked:

|   |       |        |   |       |        |
|---|-------|--------|---|-------|--------|
| <b>Acalypha Macafeana.</b> A useful bedding plant with richly colored foliage. \$6.00 per 100 | EACH. | DOZ.   | <b>Cobæa Scandens.</b> A fine climber; purple flowers.....                            | EACH. | DOZ.   |
|   | 10    | \$1 00 | <b>Daisy "Snow Crest."</b> Giant white English Daisy. \$6.00 per 100.....             | 15    | \$1 50 |
| <b>Achyranthus Acuminata.</b> Large purple foliage. \$6.00 per 100.....                       | 10    | 1 00   | <b>Daisy Giant California Marguerite.</b> White with yellow eye.....                  | 10    | 1 00   |
| <b>Achyranthus Emersoni.</b> Deep red, narrow foliage. \$6.00 per 100.....                    | 10    | 1 00   | <b>Daisy Yellow Paris Marguerite.</b> Large yellow flowers.....                       | 10    | 1 00   |
| <b>Ageratum Blanche.</b> Pure white, very dwarf. \$6.00 per 100.....                          | 10    | 1 00   | <b>Erythrina Crista Galli.</b> Coral plant....  | 25    | 2 50   |
| <b>Ageratum John Douglas.</b> Azure-blue, very dwarf. \$6.00 per 100.....                     | 10    | 1 00   | <b>Eucharis Amazonica.</b> Amazon Lily, pure white, sweet scented.....                | 25    | 2 50   |
| <b>Alternanthera Aurea Nana.</b> Dwarf yellow. \$6.00 per 100.....                            | 10    | 1 00   | <b>Lemon Verbena.</b> Alloysia citriodora.....  | 10    | 1 00   |
| <b>Alternanthera Amoena Spectabilis.</b> Best crimson. \$6.00 per 100.....                    | 10    | 1 00   | <b>Manettia Bicolor.</b> The popular Manettia Vine; bright scarlet tipped yellow..... | 10    | 1 00   |
| <b>Alternanthera Rosea Nana.</b> Dwarf pink. \$6.00 per 100.....                              | 10    | 1 00   | <b>Manettia Cordifolia.</b> Crimson-flowered Manettia Vine.....                       | 10    | 1 00   |
| <b>Alternanthera Versicolor.</b> Olive, crimson and chocolate. \$6.00 per 100.....            | 10    | 1 00   | <b>Nepeta Glechoma Variegata.</b> Variegated Ground Ivy.....                          | 10    | 1 00   |
| <b>Calla Æthiopica.</b> White Calla Lily.....   | 20    | 2 00   | <b>Paulinia Thalictrifolia.</b> Pretty climber with delicate Fern-like foliage.....   | 25    | 2 50   |
| <b>" Little Gem.</b> New dwarf Calla Lily   | 15    | 1 50   | <b>Russelia Juncea.</b> An interesting basket plant with scarlet tubular flowers..... | 15    | 1 50   |
| <b>" Spotted Leaf.</b> ( <i>Richardia Alba Maculata</i> ).....                                | 15    | 1 50   | <b>Pepperomia Maculosa.</b> Bright green foliage, veined silvery-white.....           | 15    | 1 50   |
| <b>Cestrum Parqui.</b> Sweet-scented Night-blooming Jasmine.....                              | 15    | 1 50   | <b>Pepperomia Metallica.</b> Small variegated leaves, metallic lustre.....            | 15    | 1 50   |
|   |       |        | <b>Smilax.</b> The well-known popular vine.....                                       | 10    | 1 00   |

*Special Attention* is directed to the *Beautiful New Rose Souv du Pres Carnot*, shown in colors on the front cover of this catalogue, and offered on page 135; also to our *Superb Fringed Double Petunias*, shown in colors on back cover of this catalogue. Plants of same are offered on page 129, and seeds on page 83.

# NEW EVER-BLOOMING ROSES

## New Hybrid Tea Rose. *Souvenir du President Carnot*.

Shown in colors on the front cover of this Catalogue.

The grandest Rose introduced in many years, and a valuable acquisition, both as a Rose for forcing and for garden culture. It is of exceptional strong, free growth, with handsome, large, heavy foliage. The flowers, which are of large size and exquisite fragrance, are produced in marvelous abundance; each shoot terminating with one or more buds, on long, strong stems; in color it is similar to that well-known favorite *Souv. de la Malmaison*, a rosy flesh shading to white at the edges of the petals. We feel positive that it will be one of the standard Roses of the future; and realizing its great value when introduced last year, we prepared a large stock, which enables us to offer it at popular prices, viz.:

|                       |                                  |               |                 |
|-----------------------|----------------------------------|---------------|-----------------|
| <b>Selected Size.</b> | Extra strong, 2-year-old plants, | 40 cts. each, | \$4 00 per doz. |
| <b>First Size.</b>    | " " 2 " " "                      | 30 " "        | 3.00 " "        |
| <b>Second Size.</b>   | " " 1 " " "                      | 15 " "        | 1.50 " "        |

**Albertine Borguet** (Tea). Large beautifully formed flowers; color yellow mauve with canary centre, sometimes shaded with light green. A constant bloomer and very fragrant. In habit and shape of flower it resembles *Isabella Sprunt*, but the petals have more substance and the flowers are more double. Good young plants, 15 cts. each.

**Antoine Rivoire** (Tea). Camellia-formed flowers of clear salmon-rose, with dark yellow at back, edged carmine; superb. Strong young plants, 15 cts. each.

**August Comte** (Tea). Color rose-red, outside petals carmine red, with broad border of a deeper color, and the centre salmon-colored rose-ochre. Good young plants, 15 cts. each.

**Baronne M. de Tornaco** (Tea). A very strong grower with beautiful bud and long, large, full flower; color white with golden reflections retouched with a very delicate rose and edged with carmine. Good young plants, 25 cts. each.

**Comte de Chandon**. A new free-flowering Tea, with beautiful light green foliage and fine buds and flowers of medium size, semi-double and fragrant; light golden-yellow, deepening toward the centre. Strong young plants, 15 cts. each.

**Emile Sonin** (Tea). Flowers very large and full, color white tinted with orange-yellow, deeper at the base of the petals, the edges bordered with a very beautiful rose carmine. Good young plants, 25 cts. each.

**Gloire de Deventer** (Tea). Very strong grower with large flowers of a creamy white, reverse of petals flesh color. Good young plants, 25 cts. each.

**General Billat** (Tea). A good large flower, the outside being a pale amaranth-violet, with carmine purple reflections towards the centre. Good young plants, 25 cts. each.

**Mrs. Robert Garrett** (Hybrid Tea). A variety of American origin, with extra large, almost entirely double flowers and long beautifully shaped buds; in color it is a soft rich pink which illuminates grandly under artificial light, and of exquisite fragrance; it is a remarkably healthy, vigorous grower, throwing up great numbers of strong shoots from the base of the plant; wonderfully free-flowering, producing no blind wood, every shoot being crowned with a bud. Good young plants, 60 cts. each, \$6.00 per dozen.

**Mad. Jules Grolez** (Hybrid Tea). Of a beautiful Chinese rose color with large full flowers; a strong vigorous grower and free bloomer. Good young plants, 25 cts. each.

**Madame Abel Chatenay**. A free-flowering perpetual blooming Hybrid Tea, with beautiful buds and semi-double flowers; color rich bronzy rose shaded salmon. Strong young plants, 15 cts. each.

### Mosella, or Yellow Clothilde Soupert.

While not by any means a yellow rose, the general effect of the blending of the colors in this is such as to make it appear as a yellow rose at a short distance. It is probably the finest Polyantha

Rose yet introduced, and is a fitting companion to that very popular and useful variety, *Clothilde Soupert*, but to which it is much superior in the shape of the buds and profusion of bloom.

The habit of the growth is the same, while the flowers are white at the edge and chrome yellow in the centre. It is perfectly

hardy, having withstood in the open ground a temperature

of ten degrees below zero.

(See cut on next page.) Strong

2-year-old plants, 40 cts. each, 3 for \$1.00.

Good young plants, 15 cts. each, 4 for 50 cts.

### Mrs. Pierpont Morgan.

This new Tea has been pronounced one of the finest Roses ever introduced. It is a sport from *Madame Cusin*, but it is much more robust and free-

blooming, with flowers and foliage much larger than that variety. The long-stemmed

buds and flowers are elegantly shaped, fragrant and of fine substance; color intense bright cerise or rose-pink. Good young plants, 15 cts. each.

**Madame Louis Gravier** (Tea). Large full flower, color clear salmon tinted with orange-yellow and bordered with rose carmine. 25 cts. each.

**New Polyantha Rose, Pink Soupert.** A seedling of *Clothilde Soupert*, with which it is identical in general habit, but with flowers of a deep pink color; a most valuable addition to our list of hardy ever-blooming roses. Strong 1-year-old plants, 30 cts. each, 4 for \$1.00; strong young plants, 15 cts. each, 4 for 50 cts.

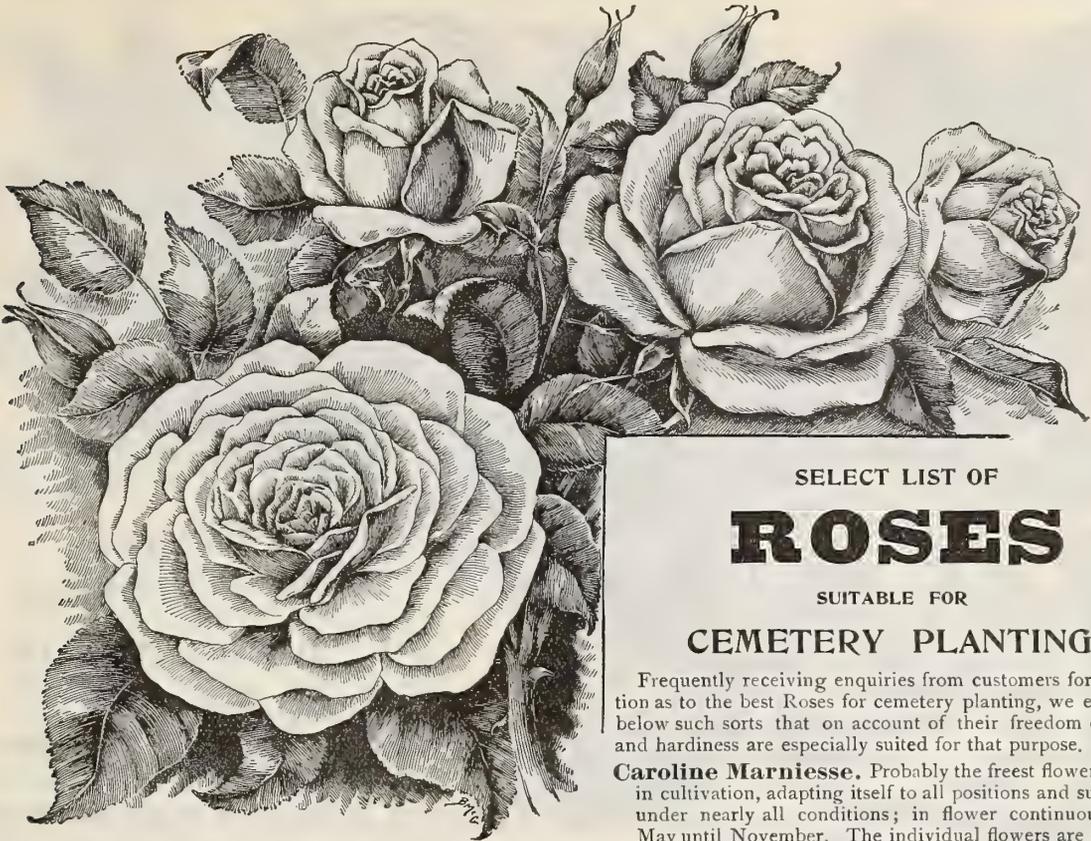
**Souv. de Madame Verdier**. This new French Tea has beautiful buds, tinted in the centre with a warm buff-yellow that changes to pure white in the open flower; very double and sweet. Strong young plants, 15 cts. each.

**Souv. de Jean Cabaud** (Tea). A free-flowering vigorous growing variety, with large copper-colored flowers with apricot centre. Good young plants, 25 cts. each.

**Souv. de Catherine Guillot** (Tea). Large flowers, varying from capucine-carmine to Indian-yellow; very fragrant. Good young plants, 15 cts. each.



SOUVENIR DU PRESIDENT CARNOT ROSE.



SELECT LIST OF  
**ROSES**  
 SUITABLE FOR  
**CEMETERY PLANTING.**

Frequently receiving enquiries from customers for information as to the best Roses for cemetery planting, we enumerate below such sorts that on account of their freedom of bloom and hardiness are especially suited for that purpose.

**Caroline Marniesse.** Probably the freest flowering Rose in cultivation, adapting itself to all positions and succeeding under nearly all conditions; in flower continuously from May until November. The individual flowers are small but very double and borne in pretty clusters; color white turning to rose.

- Mosella.** (See page 132.)
- Mad. Plantier.** The hardiest of all white Roses.
- Magna Charta.** (See page 135.)
- Queen's Scarlet.** (See page 134.)
- Wichuriana.** (See below.)

|   |               |                      |        |
|---|---------------|----------------------|--------|
| <b>Price:</b> EXTRA strong 2-year-old plants, | 40 cts. each. | Set of 12 varieties, | \$4 00 |
| Strong " " "                                  | 30 " " "      | " 12 " "             | 3 00   |
| Fine young plants,                            | 15 " " "      | " 12 " "             | 1 50   |

- Mosella Rose.**
- Clothilde Soupert.** (See page 134.)
- Coquette des Blancs.** (See page 135.)
- Duchess de Brabant.** (See page 134.)
- Etoile de Lyon.** (See page 134.)
- Gen. Jacqueminot.** (See page 135.)
- Hermosa.** (See page 134.)

**THE MEMORIAL ROSE.**

(Rosa Wichuriana.)

A beautiful single Rose from Japan. Blooms in clusters on the ends of short branches during July and August. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit. Foliage dark shining green, almost evergreen; prostrate, trailing habit, and soon forms a dense mat or covering. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy.

|                          |               |                 |
|--------------------------|---------------|-----------------|
| Strong 2-year-old plants | 30 cts. each, | \$3.00 per doz. |
| Strong 1 " " "           | 25 " " "      | 2.50 " "        |

**NEW HYBRID WICHURIANA ROSES.**

These pretty hybrids of this most useful Rose are quite hardy and need no protection whatever in winter, and from their trailing habit are admirably adapted for covering rock-work or bare spaces, as well as planting in the border. They are of very free growth, with foliage of a fine deep green, which lasts until well on in the winter. The flowers are produced in immense quantities, and last a long time in perfection. Altogether very desirable.

- Triumph.** This variety is of free growth, with fine foliage, double white flowers produced in clusters; sweet scented.
- South Orange Perfection.** Dwarf trailing habit, double flowers, blush-pink at tips, changing to white.
- Universal Favorite.** Soft light pink flower, very fragrant.
- Pink Roamer.** Strong grower, with single bright rich pink flowers and almost white centre; orange-red stamens.

|                           |               |                     |        |
|---------------------------|---------------|---------------------|--------|
| Strong 1-year-old plants, | 60 cts. each. | Set of 4 varieties, | \$2 00 |
| Good young " " "          | 25 " " "      | " 4 " "             | 75     |



THE MEMORIAL ROSE  
 (Rosa Wichuriana.)



Twelve . .  
 . . Select  
 EVER-BLOOMING SUMMER

ROSES

That will produce a mass of Roses  
 to cut from the entire season.

These plants have been grown with special care and are of extra large size so as to give *immediate results*. The varieties are the very best for outdoor culture, and will prove invaluable in any garden, whether for display or for cutting purposes, and are hardy with protection.

- Bon Silene.** A grand old favorite and an excellent bedding variety, of a brilliant carmine rose, rich tea fragrance.
- Clothilde Soupert (No. 5).** Color French white deepening to rosy blush in the centre; one of the freest flowering roses in cultivation, being in bloom all the time.
- Duchess de Brabant.** One of the most beautiful old varieties in cultivation, being of free growth, always in bloom, and of a most desirable color; a beautiful glowing silvery pink.
- Etoile de Lyon (No. 1).** Best yellow summer bedding Rose yet introduced, rich in color, of beautiful form; a strong grower and very free flowering.
- Hermosa.** Undoubtedly the best pink bedding rose in cultivation; an old favorite.
- Maman Cochet (No. 2).** One of the best bedding Roses; it is an extra strong grower, producing its large buds and flowers in the greatest profusion. In color it is a deep

- rose pink, the inner side of petals silvery rose; they are borne on long stiff stems; very double and exquisite when in bud or half-blown.
- Mad. Caroline Testout (No. 3).** As a bedding variety this is superb, of strong vigorous growth and very free flowering. Color clear satin rose; vivid and brilliant; very fragrant.
- Marie Guillot.** White, slightly tinted with lemon; very large finely shaped flowers; the best white bedding rose.
- Papa Gontier (No. 4).** One of the best dark crimson-red varieties, with long pointed buds; beautiful as a cut flower.
- Queen's Scarlet.** A rich shade of crimson; a most prolific flowering and a most desirable bedding variety.
- Safrano.** An old favorite; saffron yellow; still one of the best of its type for outdoor planting.
- Souvenir de la Malmaison.** Rich flesh color, beautifully shaped double flowers. A grand Rose in every way.

PRICE: EXTRA selected plants, 40 cts. each. The set of 12 varieties for \$4 00  
 Strong " " 30 " " " 3 00  
 Fine young " " 15 " " " 1 50

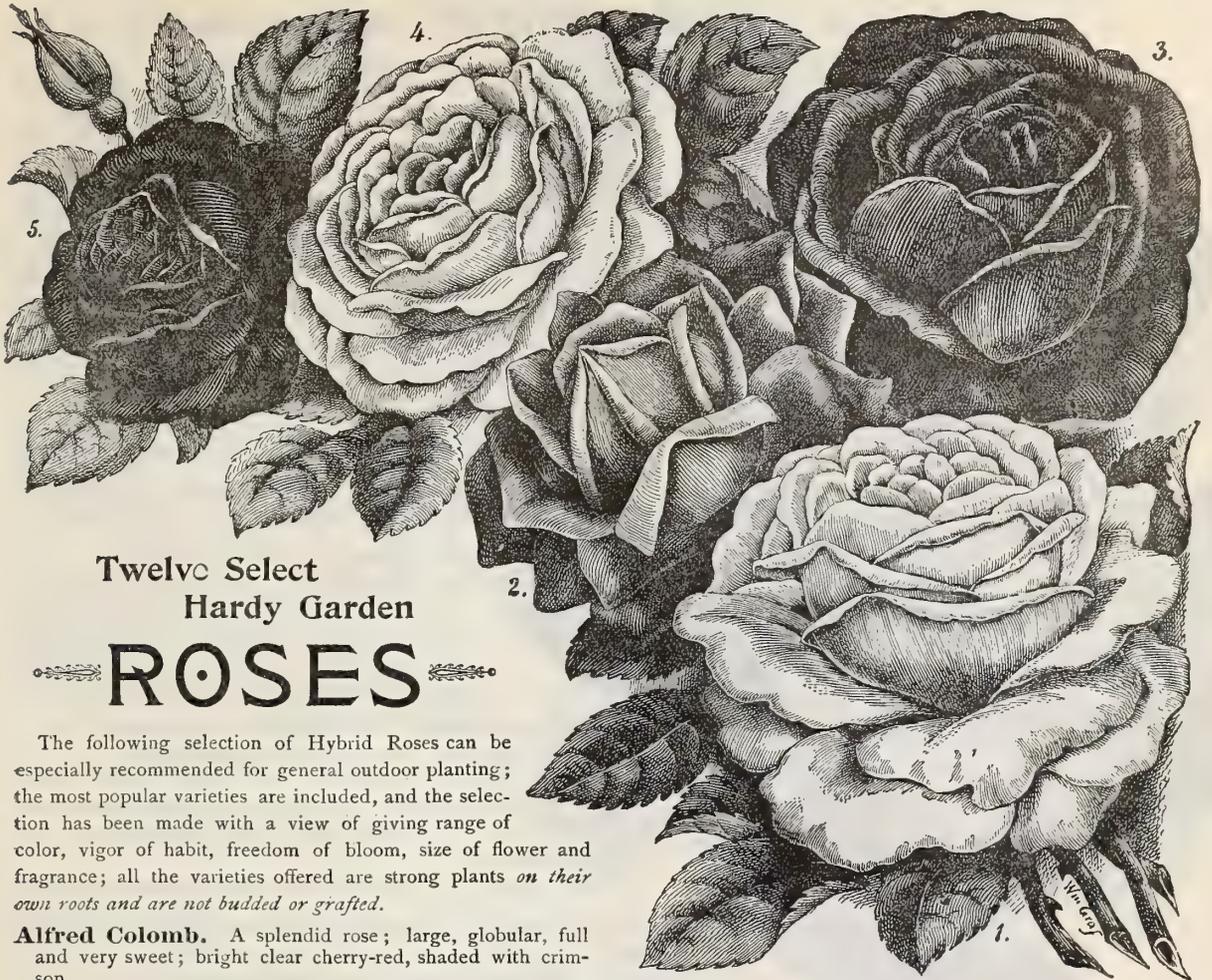
LORD PENZANCE'S HYBRID SWEET BRIARS.

These are crosses between the Common Sweet Briar and various *old-fashioned* Garden Roses; the flowers are single or semi-double. The plants are very vigorous and perfectly hardy, and the foliage of all of them is as sweetly scented as the Common Sweet Briar. They form a distinct break from any class of rose yet in commerce.

- Amy Robsart.** Lovely deep rose, an abundant bloomer, robust and free.
- Anne of Gierstein.** Dark crimson, good grower and graceful branching habit.
- Brenda.** Maiden's blush or peach, dainty in color and shade; the contrast and effect of the bright golden anthers add a peculiar charm to this variety.
- Lady Penzance.** Beautiful soft tint of copper with a peculiar metallic lustre; the base of each petal is a bright yellow, which, showing through the clear golden anthers, forms a halo round them; very free flowering, with a delicious perfume from foliage and flower.

- Lord Penzance.** Soft shade of fawn or écreu passing to a lovely lemon yellow in the centre, sometimes toned with a most delicate pink; a good grower and abundant bloomer; very sweet-scented.
- Lucy Ashton.** Pretty white blooms with pink edges, not so large as some others; wonderfully free flowering; free grower; foliage very sweet.
- Meg Merrilies.** Gorgeous crimson, very free flowering, seeds abundantly, has a wonderfully robust habit, large foliage; one of the best.
- Rose Bradwardine.** Beautiful clear rose, perfect in shape, very profuse.

We offer strong two-year-old budded plants of the above at 50 cts. each. The set of 8 for \$3.50.



Twelve Select  
Hardy Garden

ROSES

The following selection of Hybrid Roses can be especially recommended for general outdoor planting; the most popular varieties are included, and the selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance; all the varieties offered are strong plants *on their own roots and are not budded or grafted*.

**Alfred Colomb.** A splendid rose; large, globular, full and very sweet; bright clear cherry-red, shaded with crimson.

**Anna de Diesbach.** Clear bright carmine; very large and finely shaped, full and fragrant.

**Baron de Bonstettin.** Dark red, almost black; very large, double, fragrant flowers; a strong grower.

**Coquette des Blanches (No. 4).** Pure white, large globular flowers, very free.

**General Jacqueminot (No. 3).** Brilliant scarlet-crimson.

**Mme. Gabriel Luizet (No. 2).** Fine satiny-rose; very fine.

**Marshall P. Wilder.** Cherry-carmine; large full semi-globular flower of fine form.

**Magna Charta.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

**Margaret Dickson (No. 1).** The finest white hybrid yet introduced.

**Paul Neyron.** Very large, dark rose; an old favorite.

**Prince Camille de Rohan (No. 5).** Deep velvety crimson-maroon, shaded scarlet.

**Ulrich Brunner.** Bright cerise red; flowers large and full.

**Price:** Extra strong 2-year-old plants, 40 cts. each; the set of 12 varieties for \$4 00  
 Fine " " " 30 cts. " " " " " " " 3 00  
 Fine young " " " 20 cts. " " " " " " " 2 00

## New Hybrid Perpetual Roses.

**Helen Keller.** This grand new Hybrid Perpetual has won 9 first-class certificates and first honors at all the leading shows. It is an ideal hardy garden Rose, showing its prominent traits of exceptional vigor and profuse perpetual bloom even in small plants. The large, fragrant flowers and buds are clear, brilliant rose-pink, and of fine shape and substance. Strong 2-year-old plants, 40 cts. each; 3 for \$1.00. Strong young plants, 20 cts. each; 3 for 50 cts.

**Mrs. J. Sharman Crawford.** Mrs. J. Sharman Crawford is unquestionably a Rose of great excellence. Color deep rosy-pink; the outer petals tinted with pale flesh in quite a new and unique shade; white at base of petals. The flowers are full and very fragrant, of perfect, imbricated form, and freely produced. Strong 2-year-old plants, 40 cts. each; 3 for \$1.00. Strong young plants, 20 cts. each; 3 for 50 cts.

**Marchioness of Lorne.** A remarkable free-flowering variety, with cup-shaped flowers of an exceedingly rich and fulgent rose color, slightly shaded in the centre with vivid

carmine; they are large, very sweet and full, with long handsome buds. Extra strong 2-year-old plants, 40 cts. each; 3 for \$1.00.

**Rodocanachi.** One of the grandest Hybrid Perpetuals in cultivation, and certain to become popular. The flowers, which are of beautiful form, somewhat in the style of Ulrich Brunner, are of very large size and delightfully fragrant, and of a beautiful transparent rose color shaded with pink. Strong 2-year-old plants, 40 cts. each; 3 for \$1.00. Strong young plants, 20 cts. each; 3 for 50 cts.

**Augustine Guinoiseau ("The White La France").** A sport from that fine hardy Rose La France, and similar to it in every respect excepting color, which is a unique shade of flesh-white, hence its title "White La France." On account of its great freedom of bloom, delicious fragrance and hardness it has become very popular. Strong 2-year-old plants, 40 cts. each; 3 for \$1.00. Strong young plants, 15 cts. each; 4 for 50 cts.

## TEA ROSES—General Collection.

The tea-scented, ever-blooming Roses are admired for their delicious fragrance, free-blooming qualities, and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

**Anna Oliver.** A superb rose of very large, full form, very double, and of good substance. Color lovely creamy-blush, shaded with deep carmine, tinged and edged with silvery-rose; very fragrant.

**Augusta Victoria.** One of the most desirable Roses of recent introduction. The flowers, which are produced in the greatest profusion, are of large size, of a creamy-white color, shading deeper towards the centre. It is a strong healthy grower, with fine foliage, and is very popular both as a bedding variety and for forcing under glass.

**Bon Silene.** (For description, see page 134.)

**Bridesmaid.** This beautiful Rose is a sport from Catherine Mermet, possessing all the good qualities of that popular variety, but surpassing it in color, being of a darker richer pink. A most desirable sort for garden or winter forcing.

**Catherine Mermet.** Bright flesh color; full and beautiful; one of the most lovely of its color.

**Coquette de Lyon.** Light canary yellow; a most desirable bedding variety.

**Etoile de Lyon.** (For description, see page 134.)

**Mad. Caroline Testout.** (For description, see page 134.)

**Mad. Falcot.** A deep apricot yellow.

**Mad. Lambert.** A charming Hybrid Tea. The flower is large and double with heavy petals and very fragrant. Color clear bright satiny pink, with rosy centre; a grand cut-flower variety, and fine for bedding.

**Mad. Schwaller.** Rosy flesh color, with darker edges; a strong grower.

**Maman Cochet.** (For description, see page 134.)

**Marie Guillot.** (For description, see page 134.)

**Marie Lambert.** A pure white variety, of large size and delicious fragrance.

**Marie Van Houtte.** Pale yellow, an excellent bedding variety.

**Marion Dingen.** A splendid rose, with large cup-shaped flowers, of a deep crimson, changing to carmine.

**Meteor.** A rich dark velvety crimson Hybrid Tea; a free-blooming and vigorous grower.

**Mlle. Francisca Kruger.** Rich coppery yellow; flowers large, full and fragrant.

**Mme. Joseph Schwartz.** Light salmon rose; changing when fully expanded to creamy white.

**Mme. de Watteville.** Salmon white bordered with bright rose.

**Papa Goutier.** (For description, see page 134.)

**Perle des Jardins.** Beautiful rich yellow, of large size and perfect form.

**Safrano.** (For description, see page 134.)

**Souv de Wootton.** Of strong erect habit of growth, and remarkably free flowering; every shoot is crowned with one or more buds. Color crimson red, changing to rosy-crimson. Very sweetly scented.

**Sunset.** Of large size and perfect form, of a rich shade of saffron and orange.

**The Bride.** A lovely pure white rose of the Mermet type; it is very full, double and free-flowering.

**The Queen.** A pure white bedding rose, very full and sweet.

**Price:** Any of the above, First size, extra strong, 40 cts. each, \$4.00 per dozen. Set of 27 varieties for \$8.00.  
 Second size, " 30 cts. " 3.00 " " " " " " 5.00.  
 Third " " 15 cts. " 1.50 " " " " " " 3.00.

## MOSS ROSES.

A class of roses which are much admired. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and gives to the opening flower a unique appearance.

**Blanche Moreau.** Lovely pure white, large and full.

**Countess de Murinais.** Large white, beautifully mossed.

**Crested Moss.** Rose color, beautifully crested.

**Gloire de Mosses.** Blush, very large and full.

**Princess Adelaide.** Bright rosy pink; large.

**William Lobb.** Purplish-violet.

Strong plants, 40 cts. each; set of 6 for \$2.00.

## ROSA RUGOSA.

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

**Rugosa.** Fine glossy crimson. **Rugosa Alba.** Pure white. Extra strong plants, 40 cts. each; \$4.00 per doz. Strong plants, 30 cts. each; \$3.00 per doz.



ROSA RUGOSA.

Hardy Hybrid Perpetual

# ROSES.



LA FRANCE.

The list offered comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value, but that the sorts listed are superior in size, hardiness, vigor, productiveness, or some other characteristic that is necessary to make a good Rose.

Varieties marked with an "\*" are grown on their own roots. This class of stock gives much better satisfaction to the general planter than budded or grafted plants; however, some of the finest varieties will not produce good plants on their own roots. In such cases we offer the best low-budded stock obtainable, preference being given to home-grown stock budded on Manetti, which is the most desirable for our climate. Care should be taken in planting budded stock to set out deeply, planting them at least two inches below the point where budded, which prevents the stock from suckering to a very great extent.

\* **Alfred Colomb.** (For description, see page 135.)

**Alfred K. Williams.** Carmine-red, changing to magenta, large, full and imbricated; very free flowering.

\* **American Beauty.** An excellent Rose for forcing. The flowers are very double, of a deep crimson color, and very fragrant

\* **Anna de Diesbach.** (For description, see page 135)

\* **Antoine Mouton.** Large bright clear rose, reverse of petals silvery, full and of fine form.

\* **Baron de Bonstettin.** (For description, see page 135.)

**Baroness Rothschild.** A magnificent rose; color rich satiny pink.

**Boule de Neige.** Pure white, petals of great substance, medium size, fine form, good habit and very free.

**Captain Christy.** A lovely Rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

\* **Captain Hayward.** Bright crimson-carmine, an entirely distinct shade of color, of perfect form and very sweet.

\* **Caroline de Sansal.** Clear brilliant rose, merging into rosy-lilac.

\* **Coquette des Blanches.** (For description, see page 135.)

\* **Coquette des Alps.** White centre shaded rose.

**Dinsmore.** Rich crimson.

**Duchess of Albany.** Rich deep pink.

\* **Earl of Dufferin.** Velvety crimson, shaded with maroon, large, full, finely formed.

\* **Fisher Holmes.** Rich velvety crimson, large, double.

\* **General Jacqueminot.** (For description, see page 135.)

\* **General Washington.** Very full crimson, free flowering.

**Gloire de Margottin.** Dazzling scarlet.

**Jean Liabaud.** Velvety crimson shaded with black.

\* **John Hopper.** Bright rose, carmine centre; flowers large, cupped and well formed.

\* **Jules Margottin.** Bright carmine, cupped; very fragrant; a splendid variety.

**La France.** Splendid satiny rose; very large, full, fine form, a constant bloomer; undoubtedly one of the best.

**Louis Van Houtte.** Dark velvety crimson, of good form.

|   |    |   |
|---|----|---|
| First size, extra heavy 2-year-old plants ..... | 40 | cts. each, \$4.00 per doz.; set of 40 for \$10 00 |
| Second size, good " " " .....                   | 30 | " " 3.00 " " 40 " 7 50                            |
| Third size, " 1 " " .....                       | 20 | " " 2.00 " " 40 " 5 00                            |

**Mabel Morrison.** Pure white; in autumn faintly flushed with pink; a lovely and distinct Rose.

\* **Magna Charta.** (For description, see page 135.)

\* **Marshall P. Wilder.** (For description, see page 135.)

**Maurice Bernardin.** Large vermilion red, of fine form.

**Merveille de Lyon.** Pure white, shaded rose.

\* **Mme. Gabriel Luizet.** (For description, see page 135.)

\* **Mrs. John Laing.** Delicate pink, with white satin tinge.

\* **Prince Camille de Rohan.** (For description, see page 135.)

\* **Paul Neyron.** (For description, see page 135.)

**Queen of Queens.** Pink with blue edges, large and full, of perfect form, one of the very best of its color.

\* **Ulrich Brunner.** (For description, see page 135.)

\* **Vick's Caprice.** Of a satiny pink, dashed and flamed with white and carmine; very distinct.

\* **Victor Verdier.** Rosy carmine, large, showy.

**White Baroness.** Pure white; a splendid bloomer.

**Xavier Olibo.** Velvety black, shaded with amaranth.

## DAMASK ROSES.

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

**Cabbage, or Provence.** Rosy-pink flowers.

**Madame Hardy.** Beautiful, large, double white flowers.

**Madame Plantier.** Pure white, and a free bloomer; unrivaled for hedges or cemetery use.

**White Provence.** Pure white, delightfully fragrant.

30 cts. each; the set of 4 for \$1.00.

# CLIMBING ROSES

## CRIMSON RAMBLER.

After three seasons' trial this variety has made a record which places it at the head of the list as the most desirable Hardy Climbing Rose. It is of vigorous growth, making shoots from 8 to 10 feet in height during a season, and is consequently a most desirable climbing variety; when pegged down or grown as a bush, marvelous heads of bloom are the result. It is exceedingly hardy. As a pot-plant it is unequalled for decorative purposes. The flowers with which the plant is covered in the spring are produced in large trusses of pyramidal form and of the brightest crimson color. The blooms remain on the plant for a great length of time without losing their brightness. The foliage is also retained to a great extent during the winter, making the plant almost an evergreen. It is extremely hardy, having withstood the test in exposed situations of three very severe winters.

Extra selected 2-year-old plants, 50c. each, \$5.00 per doz.  
Strong " " 40c. " 4.00 " "  
Strong young " 15c. " 1.50 " "

## YELLOW RAMBLER (Aglia).

This new Hybrid Noisette produces its flowers in the same manner as the popular Crimson Rambler—that is, in large pyramidal-shaped trusses, frequently being from fifty to one hundred flowers in a truss. In color it is a decided yellow, with moderate-sized cup-shaped nearly full flowers, which are sweetly scented. Its habit of growth is very strong, frequently making shoots of eight to ten feet in one season.

Strong 2-year-old plants, 40 cts. each, \$4.00 per doz.  
Strong young " 15 cts. " 1.50 " "

## WHITE RAMBLER (Thalia).

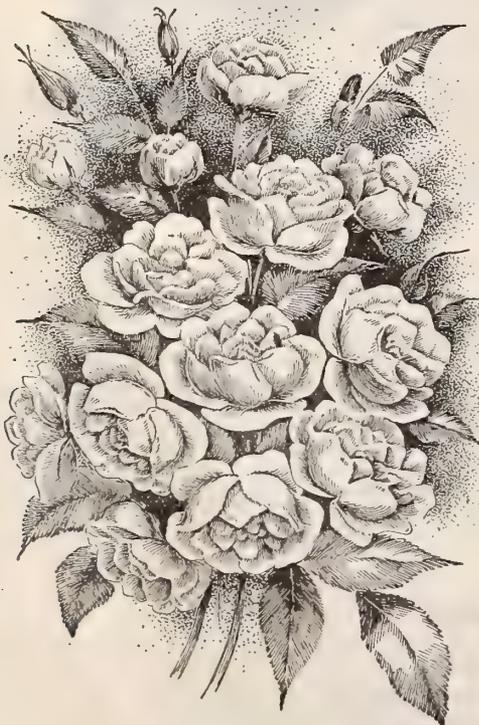
Similar to the Yellow Rambler in every way except color, which is pure white.

Strong 2-year-old plants, 40 cts. each, \$4.00 per doz.  
Strong young " 15 cts. " 1.50 " "

**SPECIAL OFFER:** We will send one each of the 3 Ramblers, strong 2-year-old plants, for \$1.00, or one young plant of each for 40 cts.



CRIMSON  
RAMBLER  
ROSE.



YELLOW RAMBLER ROSE.

## HARDY CLIMBING ROSES.

- Baltimore Belle.** Blush, flowers in clusters.  
**Climbing Hermosa.** Fine pure pink, very free.  
**Gem of the Prairies.** Rich rose color, very fragrant.  
**Grevillea, or Seven Sisters.** Flowers in clusters, opening a light rose color, changing to pure white.  
**Prairie Queen.** Deep rose, hardy and desirable.  
**Reine Marie Henriette.** Rich cherry crimson, one of the finest.  
**Russels Cottage.** Carmine, very full; a strong vigorous grower.  
**Sweet Briar.** Rosy pink.  
**Tennessee Belle.** Blush of good size, flowers in clusters.  
**W. A. Richardson.** A peculiar shade of orange yellow, very distinct; requires protection.  
**Washington.** Pure white, very free.  
**White Microphylla.** An old favorite, pure white flowers in clusters; requires protection.  
**Yellow Persian.** The only hardy yellow climbing rose.  
Extra strong 2-year-old plants, 40 cts. each, \$4.00 per doz.  
Strong " " 30 cts. " 3.00 " "

## Tender Climbing or Pillar Roses.

- These are not hardy in this latitude except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses.
- Chromatella (Cloth of Gold).** Golden-yellow.  
**Devoniensis.** Creamy white, of lovely form.  
**Gloire de Dijon.** Blush and yellow.  
**Lamarque.** Creamy white.  
**Solfaterre.** Fine shade of light yellow.  
**Waltham Climber, No. 3.** Rich crimson, very full and of fine form.  
**White Banksia.** White, small flowers; very fragrant.  
**Yellow Banksia.** Yellow, small flowers; very fragrant.  
First size, 40c. each, \$4.00 per doz.; second size, 30c. each, \$3.00 per doz.  
**Marechal Niel.** A superb climbing rose which for fragrance, beauty and size is still without a rival; bright golden-yellow.  
Extra strong (canes about 8 feet long), \$1.50 each. First size, extra strong, 50 cts. each. Second size, 30 cts. each. Young plants, 15c. each.

# SELECT LIST OF HARDY PERENNIALS.

The steadily increasing demand for hardy plants has induced us to give them more attention, and to increase our stock considerably. Though our list is not as long as some offered, it has been our aim to offer only the most desirable and to exclude all weedy and inferior sorts.

For such of our customers who are not acquainted with the different varieties we shall be pleased to make suitable selections of the most desirable species that, when once planted, with very little care, will keep the garden gay with flowers from the time frost leaves the ground until late in the autumn. 12 varieties (our selection) \$1.50; 25 varieties (our selection) \$3.00; 50 varieties (our selection) \$5.50; 100, in 50 species and varieties (our selection), \$10.00.

**Achillea (The Pearl).** Flowers borne in the greatest profusion the entire summer on strong, erect stems, of the purest white; as a summer cut-bloom it is a great acquisition. 15 cts. each, \$1.50 per doz.

**Achillea Filipendulina.** A vigorous showy species, with golden-yellow flowers in dense flat corymbs; foliage very handsome. 15c. each, \$1.50 per doz.

**Adonis Vernalis.** One of the earliest spring flowers with yellow blossoms 2 to 3 inches across; fine feathery foliage. 20 cts. each, \$2.00 per doz.

**Adonis Pyrenaica.** Large, handsome, brilliant orange-yellow flowers. 30 cts. each, \$3.00 per doz.

**Anthericum Liliastrum (St. Bruno's Lily).** A beautiful plant, with narrow grass-like foliage, and long spikes of white, fragrant, lily-like flowers. 15c. each, \$1.50 per doz.

**Anthericum Liliago (St. Bernard's Lily).**

A pretty species bearing spikes of white flowers. 15 cts. each, \$1.50 per doz.

**Anthemis Tinctoria (Hardy Golden**

*Marguerite*). This is one of the best yellow-flowered perennials we have. It is a continuous bloomer, unequaled for cutting, and it is a magnificent grower, withstanding both wet and dry weather. The flowers are of the exact form of a daisy, but clear yellow. 10 cts. each, \$1.00 per doz.

**Anthemis Tinctoria Kelwayii.** This is an improved form of the above; a showy, useful border

plant, with large golden-yellow flowers; continue to bloom a long time. 15c. each, \$1.50 doz.



AQUILEGIA GLANDULOSA.

## ANEMONE JAPONICA.

One of the most beautiful of the hardy herbaceous plants. They commence to open their rich-colored blooms in August, and continue to increase in beauty until cut by frost. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary.

**Alba.** Pure white, yellow centre and dark eye.

**Elegans.** Carmine, yellow centre, dark eye.

**Lady Ardilaun.** A pure white variety, with broad, overlapping petals.

**Whirlwind.** A semi-double form of, and in general style and habit identical with, the white Anemone. Even more free-flowering than the original type. The flowers, which are 2½ to 3 inches across, have several rows of pure white sepals, and have the advantage of lasting much longer than the single varieties. We consider this a good acquisition, and cannot recommend it too highly.

**Price:** Any of the above Anemones 15 cts. each, \$1.50 per doz.

**Anemone Pennsylvanica.** A pretty native variety, with large white flowers tinged with red on the under side. 15 cts. each, \$1.50 per doz.

— **Sylvestris Fl. Pl. (Double Snowdrop Anemone).** Profuse summer flowering variety, bearing pure white cup-shaped flowers; a strong grower, succeeds in almost any position, perfectly hardy. 25 cts. each, \$2.50 per doz.

— **Sylvestris (Single Snowdrop Anemone).** Similar to the above, but with single pure white flowers. 15 cts. each, \$1.50 per doz.

— **Pulsatilla.** A pretty species with rich purple flowers; blooms early in spring. 20 cts. each, \$2.00 per doz.

**Aquilegia Chrysantha.** The beautiful golden-spurred "Columbine." Flowers golden-yellow; blooms in the early spring; 3 feet. 15 cts. each, \$1.50 per doz.

— **Cœrulea.** This is the true blue form of Rocky Mountain Columbine, one of the handsomest of the family. 15 cts. each, \$1.50 per doz.

— **Californica Hybrida.** One of the finest mixtures ever brought together. 10 cts. each, \$1.00 per doz.

— **Canadense.** The bright red and yellow Columbine. 10c. each, \$1.00 per doz.

— **Glandulosa.** A handsome species, with bright blue sepals and pure white petals. 15 cts. each, \$1.50 per doz.

**Astilbe Japonica (Spiræa).** Splendid for outside flowering or forcing; flowers white. 15 cts. each, \$1.25 per doz.

**Asclepias Tuberosa.** One of the showiest of our late summer and autumnal flowers, and deserving of extensive cultivation; blossoms in close, compact umbels of a brilliant orange color. 15 cts. each, \$1.50 per doz.



ANTHERICUM LILIASTRUM.

## Hardy Asters (Michaelmas Daisies).

Very pretty free-blooming hardy plants, commencing to flower early in the season and continuing until killed by frost.

**Amethystinus.** Forms dense bushes 3 feet high, smothered with lovely amethyst-blue flowers.

**Amellus Elegans.** Grows 2 feet high and becomes entirely covered with rich indigo-blue flowers with yellow centre.

**Datschi.** A very late flowering sort; grows 3 feet high; feathery sprays of white blossoms.

**Lævis.** A pretty light blue variety, flowering early in the season.

**Lady Trevelyan.** A fine, large, pure white flower; a strong grower.

**Novæ Angliæ Melpomene.** Very large bluish-purple flowers with yellow centre.

**Novæ Angliæ Rosea.** Bright rose-colored flowers; very distinct.

**Robert Parker.** Large sprays of beautiful lavender-blue flowers with yellow centre.

25 cts. each, \$2.50 per doz. The set of 8 varieties for \$1 50.



HARDY ASTERS OR MICHAELMAS DAISIES.

**Boltonia Asteroides.** A beautiful native plant growing 4 to 5 feet high, producing white Aster-like flowers during the entire summer; one of the most effective perennials and worthy extended cultivation. 15 cts. each, \$1.50 per doz.

**Boltonia Latisquama.** A pretty pink flowering sort, tinged with lavender; very desirable. 15 cts. each, \$1.50 per doz.

**Bocconia Cordata.** A noble hardy perennial, beautiful in foliage and flower, and admirably adapted for planting in the shrubby borders, centre of beds, and in bold groups in almost any position. It is a much-neglected plant, and when better known will become a favorite; it will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color. 20 cts. each, \$2.00 per doz.

**Caltha Palustris (Marsh Marigold).** Large bright yellow flowers, produced early in spring. 15 cts. each, \$1.50 per doz.

**Caltha Palustris Fl. Pl.** The double-flowering Marsh Marigold, very pretty. 25 cts. each, \$2.50 per doz.

**Cassia Marilandica (American Senna).** A plant growing from 3 to 4 feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters. The beautiful pinnate light-green foliage is very pleasing. A very desirable plant. 20 cts. each, \$2.00 per doz.

**Clematis Davidiana.** This Japanese Clematis is destined to be one of the finest hardy plants. It is a shrubby, upright plant, from 2 to 4 feet high, with fresh bright foliage. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. 25 cts. each, \$2.50 per doz.

**Chrysanthemum Maximum.** A desirable summer-flowering variety with large, single white daisy-like flowers 3 inches in diameter, of great substance; a most useful perennial. (See cut.) 15 cts. each, \$1.50 per doz.



CAMPANULA.

## CAMPANULA (Bell Flower).

**Campanula Alliariæfolia.** A pretty variety with creamy-white flowers, growing about 2 feet high. 15 cts. each, \$1.50 per doz.

**Campanula Persicifolia Alba Plena (Double White Canterbury Bells).** There are few plants that can vie with this lovely Campanula. The flowers are pure white in long close spikes 2 feet high, very double, resembling a column of Camellia

flowers. It is exceedingly free-flowering and grand for cutting, thriving well in almost any soil. 25 cts. each, \$2.50 per doz.

**Campanula Persicifolia Alba.** Identical with the above, but with single white flowers, very pretty and free-flowering. 15 cts. each, \$1.50 per doz.

**Campanula Carpatia (Dwarf Canterbury Bells).** A pretty species growing in compact tufts not exceeding 8 inches in height, beginning to flower early in June and continuing almost the entire summer; flowers about 1 inch in diameter; we offer two colors, blue and white. 15 cts. each, \$1.50 per doz.

**Campanula Grossekkii.** One of the prettiest of the Canterbury Bells, of erect habit, with dark blue flowers. 15 cts. each, \$1.50 per doz.

**Campanula Pyramidalis.** The most conspicuous of all Campanulas, and an attractive plant for the herbaceous border, forming a perfect pyramid 4 to 5 feet high, crowded with large salver-like blue flowers. 25 cts. each, \$2.50 per doz.



CHRYSANTHEMUM MAXIMUM.

**Coreopsis Lanceolata.** This handsome perennial is now probably the most popular perennial plant in cultivation. Our own estimation of the plant is such that if we had room for but one plant of this class, it would surely be this golden Coreopsis, which begins to flower early in June and continues in flower until cut down by severe freezing weather; it is continually one mass of golden-yellow. The flowers, which are of graceful form, are invaluable for cutting for decorative purposes; it is easily grown, is perfectly hardy and succeeds in almost any position, and after once planted takes care of itself.

We offer large, strong clumps, which will produce an immediate effect, at 15 cts. each, \$1.50 per doz., \$10.00 per 100. Good, strong young plants, which will flower freely this summer, 10 cts. each, \$1.00 per doz., \$6.00 per 100.

**Delphinium Formosum.** This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost. 20 cts. each, \$2.00 per dozen.

**Dianthus Plumarius Stanislaus.** Of dwarf compact habit, blooming perpetually the entire summer; violet-rose with deep crimson centre. 15 cts. each, \$1.50 per doz.

**Dictamnus Fraxinella.** A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it. 25 cts. each, \$2.50 per doz.

**Dictamnus Fraxinella Alba.** Identical with the above except in color, which is pure white. 25 cts. each, \$2.50 per doz.

**Dilytra Spectabilis (Bleeding Heart).** Adapted for outdoor planting or forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers. 15 cts. each, \$1.50 per doz.

**Dilytra Eximia (Plumy Bleeding Heart).** Similar in growth, but with flowers a deeper shade than *D. Spectabilis* and borne in plumes. 25 cts. each, \$2.50 per doz.

**Digitalis (Foxglove).** A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet. 15 cts. each, \$1.50 per doz.



COREOPSIS.



DORONICUM EXCELSUM.

**Doronicum Excelsum.** One of the most effective of the early spring flowering perennials, beginning to bloom in April and continuing at intervals throughout the season, or by planting in pots in the fall it can be readily forced into bloom during the winter months in the conservatory or window garden. Its golden-yellow daisy-like flowers are of large size, being about 4 inches in diameter. It succeeds everywhere, and is worthy a place in every garden. 25 cts. each, \$2.50 per doz.

**Doronicum Caucasicum.** Similar to the preceding in general habit and color, but with smaller flowers, being only 2 inches in diameter. 25 cts. each, \$2.50 per doz.

**Eupatorium Coelestinum.** A pretty, hardy plant with light blue flowers similar to the *Ageratum*; begins to flower in July and continues until frost; a most desirable and showy plant, and a color that is always scarce. 15 cts. each, \$1.50 per doz.

**Epimedium Macranthum.** A neat dwarf-growing plant, producing graceful panicles of pure

white flowers in spring. 25 cts. each, \$2.50 per doz.

**Feverfew (Little Gem).** The flowers are large, of perfect form and of the purest white; 12 inches high. 15 cts. each, \$1.50 per doz.

**Funkia Cœrulea.** Blue, broad green leaves. 15 cts. each.

**Funkia Alba (Day Lily).** Pure white, lily-shaped, fragrant flowers; borne in large clusters. 25 cts. each.

**Funkia Variegata.** Green and white foliage with purple flowers. 25 cts. each, \$2.50 per doz.

**Gentiana Andrewsii (Blue Gentian).** A pretty native species of the Gentian, flowers of a fine blue, appearing late in the autumn. 20 cts. each, \$2.00 per doz.

**Gypsophila Paniculata.** A beautiful old-fashioned perennial, possessing a grace not found in any other perennial, and attracting the eye of everyone. When in bloom it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high-colored flowers, and some most lovely effects can be produced with it. 15 cts. each, \$1.50 per doz.



FUNKIA ALBA.

## GAILLARDIA GRANDIFLORA.

Gaillardias are among the showiest and most effective of hardy perennial plants; beginning to flower in June, they continue one mass of bloom the entire season; they will thrive in almost any position or in any soil, but respond freely to liberal feeding; being perfectly hardy they require absolutely no protection, taking care of themselves. The flowers are large, from  $2\frac{1}{4}$  to  $3\frac{1}{4}$  inches in diameter; they are produced on long stems, and are excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower.

Strong clumps for immediate effect 15 cts. each, \$1.50 per doz., \$10.00 per 100. Strong young plants, which will flower freely this summer, 10 cts. each, \$1.00 per doz., \$8.00 per 100.

## HELIOPSIS PITCHERIANUS.

A desirable hardy herbaceous plant, growing from 2 to 3 feet high, and a perpetual bloomer, beginning to flower early in the season, and continuing in bloom the entire summer. The flowers are of a beautiful deep golden-yellow color, about two inches in diameter, of very thick texture, and are very graceful for cutting.

15 cts. each, \$1.50 per doz.

## HARDY ORNAMENTAL GRASSES.

For single specimens, beds or groups on the lawn, nothing gives a finer effect than these; they are now largely used in prominent positions in many of the public parks, etc.

**Arundo Donax.** A magnificent Hardy Grass, growing to a height of 15 feet, and forming dense clumps. 25 cts. to \$1.00 each.

— **Donax Variegata.** A hardy, broad-leaved, variegated Bamboo; foliage creamy white and green; growing 6 to 8 feet high. 30 cts. each.

**Festuca Glauca.** A pretty tufted Grass with glaucous foliage. 25 cts. each.

**Eulalia Japonica Variegata.** A very graceful, tall, ornamental Grass from Japan. Its long, narrow leaf-blades are striped green, white and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes. 25 cts. each, \$2.50 per doz., clumps 50 cts. each.

**Eulalia Gracillima Univittata.** This is a grand addition of compact habit with very narrow foliage, of a bright green color with a silvery white mid-rib. 25 cts. each, \$2.50 per doz., clumps 50 cts. each.

**Erianthus Ravenæ.** A hardy Ornamental Grass, which grows from 9 to 12 feet high, frequently throwing up from

30 to 50 flower spikes. It resembles the Pampas Grass, but blooms much more abundantly. 25 cts. each, clumps 50 and 75 cts.

**Eulalia Japonica Zebrina.** This variety resembles Japonica in hardiness, growth and bloom. The long blades are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25 cts. each, \$2.50 per doz., clumps 50 cts. each.

**Phalaris Arundinacea Variegata (Variegated Ribbon Grass).** Large variegated foliage; an excellent grass for bordering large beds. 10 cts. each, \$1.00 per doz., \$6.00 per 100.

**Pampas Grass.** One of the most effective of the Ornamental Grasses. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground if protected. 25 to 50 cts. each. Extra strong clumps \$1.00 each.

**Uniola Latifolia.** One of the best of our native Perennial Grasses, growing from 3 to 4 feet high, with large flat flower heads in graceful drooping panicles. 15 cts. each, \$1.50 per doz.

## JAPANESE BAMBOOS.

**Bambusa Metake.** A perfectly hardy variety of dwarf habit, attaining a height of not over 5 to 6 feet. The foliage is of a rich dark green, and is retained on the plant in a fresh condition almost the entire winter. It makes a most desirable addition to the border in connection with shrubbery, or as an individual specimen for the lawn. 50 cts. each, \$5.00 per doz.

Extra strong plants \$1.00 each.

We have also a large collection of other varieties, a list of which will be furnished on application.



GAILLARDIA  
GRANDIFLORA.



ARUNDO DONAX VARIEGATA.



EULALIA JAPONICA ZEBRINA.



HELIANTHUS MULTIFLORUS FL. PL.

## HELIANTHUS (Hardy Sunflowers).

**Helianthus Multiflorus Fl. Pl.** (*Double Hardy Sunflower*). One of the most useful perennial plants in cultivation. It is perfectly hardy and produces its large double Dahlia-like golden-yellow flowers in great profusion the entire summer and fall. (See cut.)

**Helianthus Maximilliana.** A most graceful single-flowered variety, growing from 5 to 7 feet high, continuing in bloom very late in the season. The flowers are produced in long, graceful sprays, which make it invaluable for cutting purposes.

**Helianthus Mollis.** Large, lemon-yellow, single flowers, produced early in the fall; a most distinct and one of the best native species.

**Helianthus Orgyalis.** A tall-growing variety that flowers early in the summer with medium-sized single golden-yellow flowers.

**Helianthus Rigidus.** One of the most desirable of our native varieties, beginning to bloom early in July and continuing until late in fall; flowers single, golden-yellow, with dark centre.

15 cts. each,  
\$1.50 per doz.  
Set of 5 varieties  
for 60 cts.

## HEMEROCALLIS.

**Dumortieri.** A most useful variety, growing about two feet high, with clusters of Lily-like flowers of a soft rich yellow, exterior bronzy-orange.

**Fulva (Lemon Lily).** Lemon-colored flowers, excellent for planting among shrubbery.

**Flava (Yellow Day Lily).** A most useful and desirable herbaceous plant, producing its large golden-yellow flowers during July and August in the greatest profusion; the plants grow about 3 feet high.

**Kwanso (Double Orange Lily).** A double flowering form of the Orange Lily, and a most desirable herbaceous plant, that deserves being planted very largely; large orange-colored flowers shaded copper; blooms the greater part of summer.  
15 cts. each, \$1.50 per doz.; the set of 4 for 50 cts.

## HEUCHERA SANGUINEA.

A most desirable perennial, of dwarf, compact branching growth and robust constitution, growing about two feet high. The flowers are produced in loose, graceful spikes and come in the greatest profusion. In color it varies from light coral-red to crimson, and when seen in full perfection dazzles the eye with its brilliancy.  
20 cts. each, \$2.00 per doz.

## HIBISCUS, "Crimson Eye."

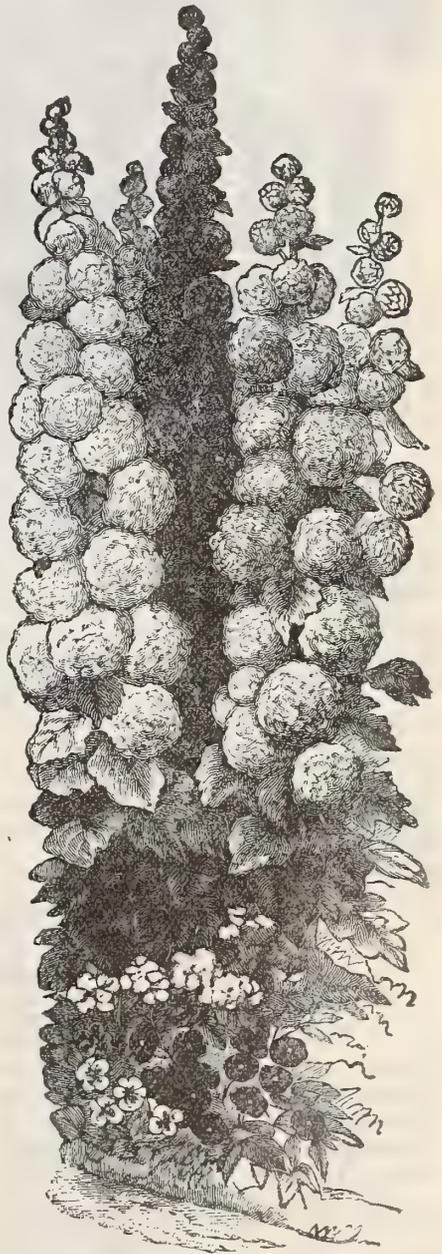
This elegant Hibiscus, after many years of careful selection, has become entirely distinct. It is a robust grower, with dark red stems and foliage. The flowers are immense in size, often measuring *twenty inches in circumference*. The color is of the purest white, with a large spot of deep velvety crimson in the centre of each flower. It will succeed anywhere and is perfectly hardy.  
15 cts. each, \$1.50 per doz.

## DREER'S SUPERB DOUBLE HOLLYHOCKS.

Few hardy plants combine as many good qualities as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during the winter will be beneficial.

We offer well-established thrifty young plants which will flower this season, in white, yellow, pink, bright red, maroon, and sulphur, at 20 cts. each, \$2.00 per doz.

**Mixed Sorts.** 15 cts. each, \$1.50 per doz.



DREER'S SUPERB HOLLYHOCKS.



## JAPANESE IRIS.

These magnificent Iris are among the most beautiful of our summer flowering plants and are destined to become great favorites. They commence flowering early in July and continue in bloom for five or six weeks. Many of these flowers measure from ten to twelve inches in diameter and most rival the orchids in their rich colorings and markings. The collection of 25 varieties here listed were selected for us by the most responsible house in Japan, and we are assured that the collection embraces the cream of the hundreds of varieties cultivated by the Japanese. The names given by the Japanese are fanciful; we give where possible the English translations.

While the Iris succeeds in almost any soil and under any conditions, they delight in a rich, deep, wet position, and should be abundantly supplied with manure and water.

- Bandai-no-nami.** Large, pure double white.  
**Gekka-no-nami** (*Waves on Moonlight*). Fine large white, with six large petals.  
**Gei-sho-i.** Light maroon, with six large petals.  
**Hana-aoi** (*Holy-Hock*). Rich shaded purple, six large petals.  
**Hana-no-nishiki** (*Flower Embroidery*). Rich velvety-maroon, with six petals.  
**Iso-no-nami.** White ground with beautiful blue variegation; large flowers, with six large petals.  
**Kumoma-no-sora** (*Sky Amidst the Cloud*). Fine large pure white, with six large petals.  
**Kuna-funjin** (*Excited Bear*). Very double violet; distinct.  
**Kakujakuro.** Large clear blue, with six petals.  
**Kyodaisan.** Large double violet.  
**Kigan-no-misao.** Large double white.  
**Kumo-no-uye.** Large double violet.

- Mana-dsuru** (*Crane*). Six large white petals, with a small blue petal in centre; distinct.  
**Momiji-no-taki.** Large double light maroon.  
**Oniga-shima.** Six large, deep violet petals.  
**Oshokun.** Rich violet, six large petals.  
**Shishi-ikari.** Deep maroon, with six large petals.  
**Shuchiukwa.** White shaded with purple, six large petals.  
**Shippo.** Fine large blue, with six petals.  
**Shirataki** (*White Water-Fall*). Large pure white, six petals.  
**Shimoyo-no-tsuki** (*Frosty Moonlight*). Double, silvery-white.  
**Tsurugi-no-mai.** Large velvety-maroon, six petals.  
**Tora-odori.** Beautiful blue variegated.  
**Yedo-kagami.** Six large light maroon petals.  
**Yomo-no-umi** (*Boundless Sea*). White tinged with purple, with small violet petal in the centre.

**Price:** 25 cts. each, \$2.50 per doz., \$18.00 per 100. The set of 25 varieties for \$4.50.

We can also furnish a choice lot of mixed varieties—15 cts. each, \$1.50 per doz.

## GERMAN IRIS (*Iris Germanica*).

These are neat, robust, hardy, herbaceous, early-blooming plants, with large ornamental flowers of rich and elegantly blended colors exquisitely striped with dark violet, purple or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low-growing sedges on the margins of fish-ponds.

- Comte de St. Clair.** White, shaded violet.  
**Candicans.** Fine light blue, beautifully feathered.  
**Florentine.** White.  
**Honorabilis.** Orange, lower petals brown.  
**Mme. Chereau.** Pearly-white, feathered on edges of petals with lavender-blue.  
**Pajole.** Purplish-lilac, lower petals dark.

- Queen of the Gypsies.** Lavender and bronze, feathered rich plum, white and buff.  
**Raphael.** Nankin-yellow, lower petals purple, white veins.  
**Spectabilis.** White, penciled with blue.  
**Souvenir.** Brilliant yellow, veined maroon.  
**Virgile.** Bronzy-red, lower petals lilac.  
**Velveteen.** Light yellow, lower petals velvety purple-black.  
**Walneri.** Lilac, lower petals dark blue.

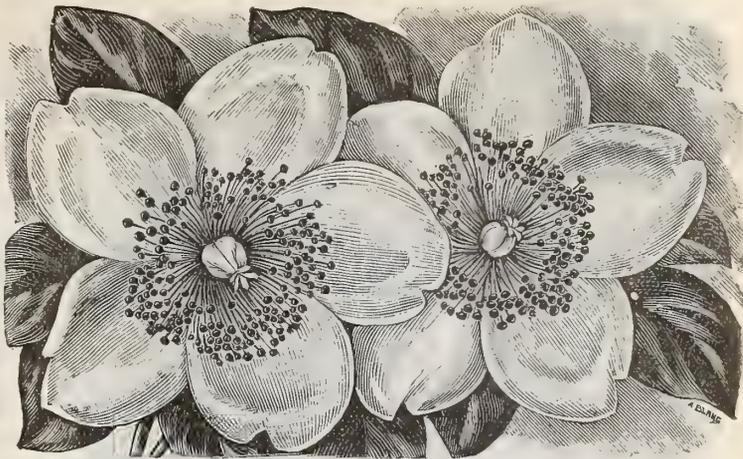
**Price:** 15 cts. each, \$1.50 per doz. Set of 13 varieties for \$1.50.

**Iris Orientalis.** Fine ornamental foliage and rich violet-blue flowers. 25 cts. each, \$2.50 per doz.

**Iris Pseudo Acorus Variegata.** Flowers golden-yellow; foliage striped with white. 25 cts. each, \$2.50 per doz.

**HYPERICUM MOSERIANUM.**

We take pleasure in calling attention to this beautiful plant, which has been universally admired and is acknowledged to be one of the very best herbaceous plants of recent introduction. The habit of the plant is free and graceful; it produces long, slender, much-branched stems, leafy to the base and all drooping toward the ends, apparently from the weight of the flowers and buds, although the flowers face, so that none of their beauty is lost. It is marvelously free flowering, of large size, measuring from 2 to 2½ inches in diameter; in color, a rich golden-yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season. It is perfectly hardy, forming a bush about 3 feet high. Strong plants, 15 cts. each; \$1.50 per doz.



HYPERICUM MOSERIANUM.

**HYPERICUM TRICOLOR.**

A similar variety to the above as far as the flowers are concerned, but with handsome variegated foliage, which makes it a most desirable ornamental shrub even when not in flower. 25 cts. each, \$2.50 per doz.

**Lobelia Cardinalis (Cardinal Flower).** One of the finest scarlet hardy plants; of easy culture in any moist soil. 15 cts. each, \$1.50 per doz.

**Lythrum Roseum Superbum (Loose Strife).** A strong-growing, shrub-like plant, thriving in almost any position, producing large spikes of rose-colored flowers. 15 cts. each, \$1.50 per doz.

**Lysimachia Clethroides** A fine hardy variety, growing about two feet high, with long, dense, recurved spikes of pure white flowers. 15 cts. each, \$1.50 per doz.



LYCHNIS SEMPERFLORENS PLENISSIMA.

**Lychnis Semperflorens Plenissima.** This pretty variety begins to flower early in spring and continues throughout the entire summer. The flower is of a beautiful, tender, rose color, and is produced in long, bushy spikes. One of its greatest advantages is its easy forcing qualities in an ordinary greenhouse or cool conservatory, where it will produce, from October to April, hundreds of flowers. 15 cts. each, \$1.50 per doz.

**Lychnis Viscaria, Double White.** Large, double, white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the Carnation at a season when double white flowers are scarce. 20c. ea., \$2.00 per doz.

**Lychnis Viscaria, Double Red (Ragged Robin).** Forms a dense tuft of evergreen foliage, and in June it sends up tall spikes of handsome, double, deep-red flowers of a most exquisite fragrance, and remains in perfection from a month to six weeks. 15 cts. each, \$1.50 per doz.

**Monarda Didyma (Oswego Tea).** Flowers bright scarlet, produced in terminal spikes. 15 cts. each, \$1.50 per doz.

**Monarda Didyma Rosea.** A pretty rose-colored form of the above. 15 cts. each, \$1.50 per doz.

**Oenothera (Evening Primrose) Fraseri.** Bright yellow flowers, of good size, produced all summer.

— **Splendens.** Light yellow.

— **Missouriensis.** Large, bright yellow.

— **Speciosa.** A rare, pure white variety, with flowers 3 inches across. 15 cts. each, \$1.50 per doz. Set of 4 for 50 cts.

**Pardanthus Sinensis (Blackberry Lily).** Lily-like flowers of a bright orange color, spotted with red, which are succeeded by seeds that resemble blackberries. 10 cts. each, \$1.00 per doz.

**HARDY GARDEN PINKS.**

Dwarf, hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent; they winter better if protected.

**Earle of Carlisle.** White, laced crimson.

**Her Majesty.** The flowers of this fine variety are of large size and of the purest white, very fragrant, and borne profusely on stout, erect stems, 12 inches long. It is hardy, and will winter in the open border, or may be grown in cold frames for early forcing.

**Juliette.** White, laced crimson.

**Laura Wilmer.** White, purplish-maroon centre.

**Snow (Mrs. Sinkins).** Large, pure white, very fragrant. 15 cts. each. The set of 5 for 60 cts.



HARDY GARDEN PINK.

## NEW JAPANESE TREE PÆONIES.



DOUBLE HERBACEOUS PÆONY.

### PÆONIA TENUIFOLIA.

Both the double and single form of *P. tenuifolia* are interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine feathery subdivided foliage makes them a handsome ornamental plant even if they never produced a flower. These varieties are always scarce, and we are now able to offer them for the first time in several years. (See cut.)

Double-flowering *Pæonia Tenuifolia* 50 cts. each, \$5.00 per doz.

Single-flowering *Pæonia Tenuifolia* 30 cts. each, \$3.00 per doz.

One of each variety for 75 cts.



PÆONIA TENUIFOLIA.

### DOUBLE HERBACEOUS PÆONIES.

The Herbaceous *Pæonies* are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. We offer a splendid assortment in twelve varieties, viz.:

**Andomarensis.** Light violet rose.

**Decesne.** Carmine-purple.

**Duchess d'Orleans.** Silvery rose.

**Festiva Alba.** Snow white.

**Formosa Rosea.** Pale rose.

**Gen. Cavaignac.** Rich rose.

**L'Elegante.** Bright rose.

**Mons. Bocquie.** Carmine rose.

**Pottsii.** Dark red.

**Pulcherrima.** Violet rose.

**Plenissima Rubra.** Crimson.

**Reine des Francaise.** Dark rose.

Price 30 cts. each. Set of 12 varieties \$3.00.

### PLATYCODON (*Wahlenbergia*).

(Bell Flowers.)

**Grandiflorum.** One of the very best perennial plants; in constant flower from early spring to late fall. It forms dense clumps, which are covered with a mass of blue and white bell-shaped flowers. 15 cts. each, \$1.50 per doz.

**Mariesi.** A valuable new species of the Giant Bell Flower, which does not grow higher than a foot, forming a dense, branched bush, and bearing deep blue, bell-shaped flowers nearly three inches across, for a long season in late summer and early autumn. One of the finest of border plants. The unopened buds are nearly as beautiful as the flowers themselves, and are particularly interesting in their peculiar shape. 15 cts. each, \$1.50 per doz.

These are regarded as the flower queens of China, and are the favorites of the upper classes in Japan.

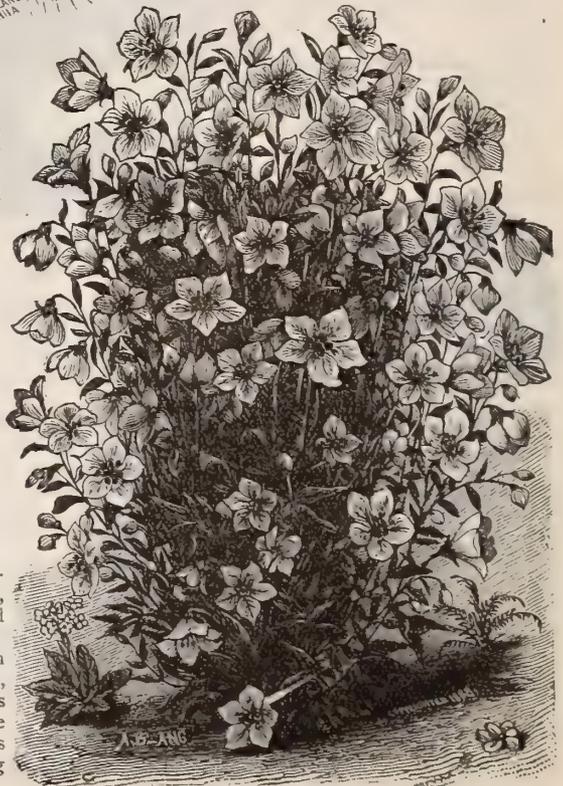
The viewing of the flowers in Japan is as important an entertainment to the Japanese as the Fêtes to the French, the Kirmess to the German, or Football to the Americans. They begin the season with the Plum blossoms in March, following with the Cherry blossoms in April, *Pæonies*, *Wistarias* and *Azaleas* in May, *Iris* in June, *Convolvuli* and *Lotus* in August, ending the year with *Chrysanthemums* and *Maples* in November.

Our Mr. Wm. F. Dreer, when in Japan during the Flower Festival season of 1895, visited Ikeda near Osaka, where the principal *Pæonia* growers are located. In an enclosure of over three acres the specialists in this plant had collected their choicest varieties for exhibition. About 10,000 plants were in full bloom early in May. The grounds were surrounded by tea booths filled with admiring and delighted Japanese, viewing the blossoms and taking refreshments. A selection was then made of the finest and most distinct varieties of double blooms, which measured from nine to twelve inches across.

To be successful in the cultivation of the *Pæonia*, plenty of moisture and manure should be given to the plants.

Our collection embraces twelve of the most distinct varieties, including the various shades of rose, pink, crimson, scarlet, white and purple.

List of varieties and descriptions will be mailed on application. 75 cts. each, \$8.00 per doz.



PLATYCODON GRANDIFLORUM.

**HARDY PERENNIAL PHLOXES.**

The Perennial Phloxes are among the most useful and desirable of our hardy herbaceous plants, and should be planted largely. They succeed in any position, and can be used to advantage either as single specimens in the mixed border, or as large clumps or beds in the garden or lawn. Our collection embraces the best new and old varieties.

**Amphitryon.** Large, pyramidal panicles of lilac flowers, with white centre.

**Coquelicot.** Large, bright orange-scarlet, centre purple, a very bright color.

**Cross of Honor.** Beautiful rose, striped white.

**E. Schmidt.** Creamy-white, large carmine eye.

**Esclarmonde.** Very large flowers of rosy lilac, shaded white; large purple centre, surrounded with white halo.

**Ereckman Chatrian.** Violet, rosy purple edges.

**Glory of Saint Marc.** Violet-rose, with darker centre.

**H. O. Wijers.** Pure white, with bright red eye.

**Isabella Dupuy.** White, tinted rose, and red centre.

**Inspector Elpel.** Deep rose, blood-red eye.

**Japonais.** Dwarf, salmon-carmine, with large violet centre.

**Jourdan.** Violet-rose, large white eye.

**Kossuth.** Large panicles of rose-tinted salmon.

**Mme. E. Lowe.** Very dwarf, pure white.

**Madelaine Leturque.** Fine Indian-rose, with white star.

**Moliere.** Pale salmon-rose, edged with purple.

**Obergartner Wittig.** Deep rose, marbled with white, carmine eye.

**Orientele.** Rosy-salmon, with white centre.

**Pierre Loti.** Rosy-salmon, with light centre.

**Pantheon.** Flowers and panicles of immense size; salmon-rose, overlaid with China-red.

**Simplon.** Carmine-salmon, purple centre.

**The Pearl.** Fine, large, pure white.

**Torpilleur.** Very large, bright magenta.

**Virgo Marie.** Beautiful large white.

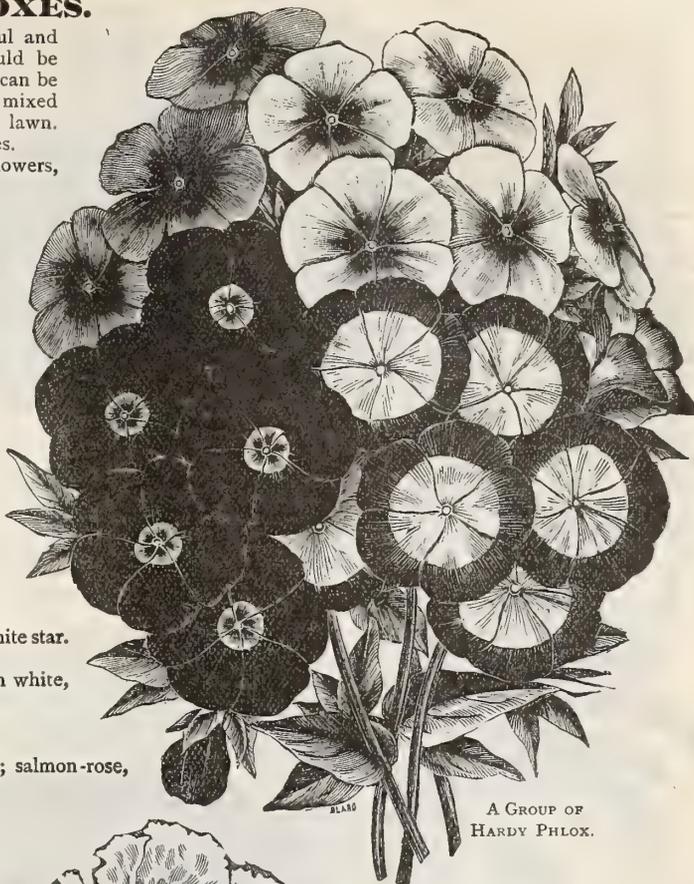
**William Robinson.** Pale rosy-salmon, large violet centre.

15 cts. each, \$1.50 per doz., \$10.00 per 100. The set of 25 varieties, one of each, for \$2.50.

**Physostegia Virginica.** A pretty erect-growing perennial, producing freely numerous bright pink flowers. 20 cts. each, \$2.00 per doz.

**Plumbago Larpentæ.** A very useful edging plant, bearing rich deep blue flowers, and continuing in bloom till cut by frost. 15 cts. each, \$1.50 per doz.

**Potentilla.** A very interesting class of hardy plants of strong growth, producing an abundance of flowers of the most vivid colors. Choice mixed varieties. 15 cts. each, \$1.50 per doz.



A GROUP OF HARDY PHLOX.

**PHLOX SUBULATA.**

(Moss Pinks.)

**Subulata Rosea.** Very free flowering, pinkish-purple, with darker centre.

— **Alba.** A beautiful pure white form of the above. It flowers so freely as to completely hide the shining green foliage.

— **The Bride.** White with red centre.

— **Nelsoni.** A very dense, compact-growing form, with large, white flowers.

— **Amœna.** Bright pink star-like flowers.

10 cts. each, \$1.00 per doz. Set of 5 for 40 cts.

**Iceland Poppies.** These Poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and



ORIENTAL POPPIES.

have a delicious Lilac-like fragrance. The plants form very ornamental tufts of fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers. The profusion of blooms which they produce is really astonishing, often a hundred flower stems on a single plant, and they are produced in never-ceasing succession from the beginning of June to October. Mixed colors, 15 cts. each, \$1.50 per doz.

**Oriental Poppies.** Beautiful mixed varieties of this choice large-flowering Poppy, producing its handsome flowers in profusion during the summer. 15 cts. each, \$1.50 per doz.

**Pyrethrum Hybridum Fl. Pl.** Too much cannot be said in favor of this grand hardy perennial. No class of plants gives a wider range of colors, while the form and substance of the flowers is all that could be wished; their main season of blooming is in June, but if the old flower stems are removed they will give a fair sprinkling of flowers in the autumn. The bloom is similar to that of an Aster and ranges in color from pure white and yellow and the various shades of pink and red to deep purple; the plants we offer are mixed seedlings grown from an extra select strain. 25 cts. each, \$2.50 per doz.

**Pyrethrum Uliginosum (Giant Daisy).** A grand fall blooming plant, growing 5 feet high, and covered with large white flowers with yellow centres; need a moist, rich soil. 20 cts. each, \$2.00 per doz.



PYRETHRUM HYBRIDUM FL. PL.



RUDBECKIA "GOLDEN GLOW."

**Stative Armeria** (*Sea Pink*).

A pretty dwarf species not exceeding 6 inches in height, producing heads of bright rosy flowers from May until frost. 15 cts. each, \$1.50 per doz.

**Stative Latifolia** (*Great Sea Lavender*).

This is recognized as a valuable hardy plant by all who have seen it. Forms large heads 2 to 3 feet across, composed of myriads of small dark blue flowers, which if cut and dried will last for months. 25 cts. each, \$2.50 per doz.

**Sylphium Perfoliatum.** A native species with large foliage and bright yellow flowers; fine for naturalizing. 25 cts. each, \$2.50 per doz.

**Thermopsis Caroliniana.** A fine plant for tall borders with spikes of yellow flowers. 25 cts. each, \$2.50 per doz.

**Tritoma Uvaria Grandiflora** (*Flame Flower*). A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot Poker Plant;" effective among shrubbery. 25 cts. each, \$2.50 per doz.

**Trolius Europæus** (*Globe Flower*). A fine spring flowering plant; large pale yellow flowers. 25 cts. each, \$2.50 per doz.

**Tricyrtis Hirta Nigra** (*Japanese Toad Lily*). Peculiar white flowers with purple spots, in racemes. 25 cts. each, \$2.50 per doz.

**Veratrum Nigrum.** A strong growing plant, growing 5 feet high, with stout rigid stems and large plicated leaves, producing flowers about 1 inch in diameter, of a rich, bronzy black, arranged in a large, branching head; succeeds in any soil or position; a most interesting plant. 50 cts. each.

**Veronica Longifolia Subsessilis** (*Speedwell*). A pretty species with blue flowers, produced in erect spikes a foot long. 30 cts. each, \$3.00 per doz.

**Vinca Minor** (*Periwinkle*). A fine trailing plant. 15c. each, \$1.50 per doz.

**Violet** (*Double Russian*). Perfectly hardy, deliciously fragrant, and very free flowering. 10 cts. each, \$1.00 per doz.

**Yucca Filamentosa** (*Adam's Needle*). A fine lawn plant. 25 cts. each, \$2.50 per doz.

Assortments of Hardy Perennials, strictly our selection, distinct varieties: 12 assorted varieties, \$1.50; 25 assorted varieties, \$3.00. 50 " " " 5.50; 100 " in 50 species, 10.00.

**Primula Vulgaris** (*The English Primrose*). This is an old favorite but now rarely seen in the modern garden. A few plants which flowered in our trial grounds last spring were so much admired that we concluded to prepare a large stock of this harbinger of spring. 15 cts. each, \$1.25 per doz.

**Primula Curtusoides Sieboldii.** A pretty Japanese species with large rose or lavender-colored flowers, produced in dense heads 10 in. high. 15c. each, \$1.50 per doz.

**Primula Rosea.** A pretty, compact-growing, hardy primrose, with bright rosy carmine flowers nearly 1 inch across, disposed in heads of from 6 to 10 flowers each. Blooms in spring. 15c. each, \$1.50 per doz.

**Ranunculus Aconitifolius Plenus.**

One of the best of our spring-flowering perennials; flowers pure white and very double, not unlike a miniature double white *Camellia*; it grows and flowers freely, preferring a moist shady situation. 25c. each, \$2.50 per doz.

**Rudbeckia "Golden Glow."** A glorious new plant, and one that should find a place in every garden. Without question the best hardy plant introduced in many years. It is of fine habit and vigorous growth, attaining a height of from 4 to 6 feet, and begins to flower early in the season, and continues until late in the fall. The flowers are produced in enormous quantities on long stems, and resemble a fine double golden-yellow *Cactus Dahlia*; and as a cut flower for vases, etc., it has no equal. 15 cts. each, \$1.50 per doz.

**Rudbeckia Maxime.** One of the best of the large growing cone flowers, frequently growing 6 to 7 feet high, with yellow flowers with a black disc. 25 cts. each, \$2.50 per doz.

**Sedum Acre.** Excellent for cemetery use or growing under trees; flowers yellow. 15 cts. each, \$1.50 per doz.

**Sedum Fabarium.** An upright growing variety, 15 to 18 inches high; flowers soft rosy pink. 15 cts. each, \$1.50 per doz.

**Spirea Aruncus.** A noble variety, growing from 3 to 5 feet high, producing in summer long feathery panicles, like gigantic plumes, of innumerable white flowers. 30c. each, \$3.00 doz.

**Spirea Filipendula Double.** Numerous corymbs of double white flowers, and pretty fern-like foliage. 25 cts. each, \$2.50 per doz.



DOUBLE RUSSIAN VIOLET.

**Spirea Palmata** (*Crimson Meadow Sweet*).

One of the most beautiful hardy plants in cultivation. The deep purple red of the stems and branches, passing into the crimson purple of the broad corymbs of flower, contrasts most exquisitely with the foliage, which assumes beautiful tints of brown and gold. 25 cts. each, \$2.50 per doz.

**Spirea Lobata.** A showy red flowering species; very fragrant; growing 4 to 5 feet. 20 cts. each, \$2.00 per doz.

**Spirea Ulmaria** (*Meadow Sweet*). White fragrant flowers. 25 cts. each, \$2.50 per doz.



TRITOMA GRANDIFLORA (Red-hot Poker).



**AKEBIA QUINATA.**

One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in the spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. Extra strong plants 25 cts. each, \$2.50 per dozen.

**ARISTOLOCHIA SIPHO.**

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, beside its fine light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Extra strong plants 50 cts. each, \$5.00 per dozen.

**AMPELOPSIS VEITCHI.**

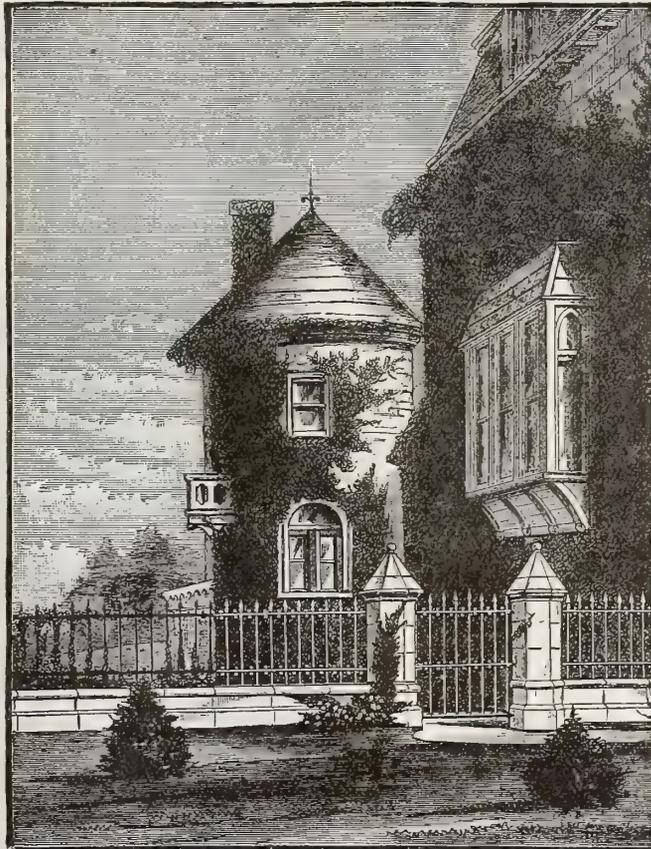
(Japanese or Boston Ivy.)

An entirely hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves, which at first are of an olive-green brown color, change to bright scarlet in the autumn. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown. 25 cts. each, \$2.50 per doz. Extra large 50 cts. each, \$5.00 per doz.

**Ampelopsis Quinquefolia.**

(Virginia Creeper.)

A very rapid grower, with large dark-green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc. 25 cts. each, \$2.50 per doz.



AMPELOPSIS VEITCHI.

**APIOS TUBEROSA.**

A valuable hardy tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich deep purple flowers, which have a strong, delicious violet fragrance. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and should not be taken up over winter. Plant 2 or 3 bulbs near together to produce a mass of vines and flowers. 5 cts. each, 50 cts. per doz.

**MADEIRA VINE.**

See page 94.

**LATHYRUS LATIFOLIUS ALBA.**

(White Perennial Pea.)

A most desirable plant of semi-climbing habit, growing about four feet high; producing its pure white flowers the entire summer. 30 cts. each, 4 for \$1.00.

**MENISPERMUM.**

A curious twining, slender vine with small yellow flowers and black berries. Fine for rocky places. 25 cts. each, 5 for \$1.00.

**BIGNONIA.**

(Trumpet Creeper.)

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, and borne profusely when the plant attains a fair size.

**Grandiflora.** Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cts. each, \$5.00 per doz.

**Radicans.** Dark red, orange throat; free-blooming and very hardy. 25 cts. each, \$2.50 per doz.

**CINNAMON VINE.**

See page 94.

**HOP (Humulus Lupulus).**

One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes. 50 cts. per doz., 60 cts. postpaid; \$2.50 per 100.



CLEMATIS, MADAME EDOUARD ANDRE.

## Large Flowering Clematis.

The Clematis we offer this season are exceptionally fine strong plants, two years old; we have reduced the number of varieties to such sorts as from experience we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least 3 inches below the surface of the soil. For covering walls, trellises and verandas, old trees or ruins, they have scarcely an equal, certainly no superior.

**Anderson Henryi.** Creamy white, large and handsome.

**Boskoop Seedling.** Extra large lavender.

**Duchess of Edinburgh.** The best of the double pure white, deliciously scented.

**Fairy Queen.** Pale flesh, with a pink bar.

**Gypsy Queen.** One of the very finest of the rich purple varieties, a strong grower and free bloomer.

**Jackmanni.** The best-known and most popular variety. Color, dark, rich, royal purple.

— **Alba.** A fine pure white.

**John Gould Veitch.** Lavender blue; flowers double.

**Kermesina.** Crimson flower, small but very floriferous.

**Lilacina Floribunda.** Deep blue.

**Lady Caroline Neville.** Blush white.

**Lawsoniana.** Rosy purple with darker veins.

**Madame Edouard Andre.** An entirely distinct and most novel variety and the nearest approach to a bright red ever sent out. The plant is a medium grower, being a hybrid of the popular Jackmanni, which it resembles in freedom of bloom, strong, vigorous growth and shape and size of flower, but is of a distinct carmine-red color of a most pleasing shade, entirely different from all other varieties.

**Standishi.** Lavender blue.

**Madame Van Houtte.** Pure white; extra fine.

**Miss Bateman.** White with chocolate-red anthers.

**The Gem.** Deep lavender blue.

50 cts. each, \$5.00 per doz. Set of 17 varieties for \$6.00.

## Clematis.

### **Clematis Paniculata** (*Japanese Virgin's Bower*).

This handsome hardy climber, introduced from Japan some years since, is one of the choicest and most satisfactory climbing flowering plants we know. Our own appreciation of it is such that, had we space to plant but one climber, we should not hesitate to make this plant our choice.

The plant is of strong, rapid growth, with small dense cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber, and, even did it not flower at all, it would be one of our most desirable vines.

The flowers appear in the greatest profusion during August, and continue until late in the fall, are of a white color and most deliciously fragrant. The plant succeeds in almost any position, sun or shade, and does equally well in sandy or stiff soil; not only is it well adapted to run up all kinds of supports, such as trellises, arbors, verandas, stumps of old trees, festooning, etc., but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired. Strong 2-year-old plants 25 cts. each, \$2.50 per doz. Strong 1-year-old plants 15 cts. each, \$1.50 per doz.

**Clematis Coccinea.** A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral-red color; blooms with wonderful profusion from June until frost. 25 cts. each, 5 for \$1.00.

**Clematis Crispa.** A very beautiful species, bearing an abundance of pretty, bell-shaped, fragrant, lavender flowers with white centre. Blooms from June until frost. 25 cts. each, 5 for \$1.00.

**Clematis Flammula** (*Virgin's Bower*). A general favorite, where a hardy, rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small fragrant white flowers. 25 cts. each, 5 for \$1.00.

**Clematis Virginiana.** A rapid, strong-growing variety, producing a profusion of white flowers during July and August. 25 cts. each, 5 for \$1.00.



CLEMATIS PANICULATA.

**HONEYSUCKLES.**

Plants that should be in every garden, as they thrive with very little care, and throughout the season scent the air with their fragrance.

**Chinese Evergreen** (*Woodbine*). Red, yellow, and white variegated flowers; very fragrant.

**Halliana**. Flowers pure white, turning to yellow; fragrant; hardy evergreen; flowers freely.

**Heckrothi**. Deep-red flowers with yellow throat; in bloom the entire season.

**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds. 25 and 50 cts. each; \$2.50 and \$5 00 per dozen.

**HARDY MOONFLOWER (*Ipomœa Pandurata*),**

This is one of the most rapid-growing vines. A root three or four years planted will send up a number of strong shoots that climb rapidly to a height of thirty to forty feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered with large deep-green heart-shaped leaves, which overlap each other, forming a dense screen. The flowers, which are very large, are a pure satiny white, with a pinkish-purple throat, shading off deeper in the tube. 10 cts. each; \$1 00 per doz.

**HARDY JASMINES.**

**Jasminum Nudiflorum** (*Yellow Flowering Jasmine*). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts. each.

**Officinale** (*White Flowering Jasmine*). Pure white, fragrant; hardy with protection in this latitude. 25 cts. each.



HONEYSUCKLE.

**HARDY ENGLISH IVY.**

This is the variety used for covering walls, etc.; invaluable on account of its remaining evergreen all the year, and on this account has become very popular for covering graves. Large plants 25 cts. each; \$2.50 per doz.



VARIEGATED IVY MADEIRIENSIS.

**FANCY IVIES.**

**Madeiriensis Variegata**. Undoubtedly the finest of all variegated Ivies. The foliage is of large size, similar to the common English Ivy, but beautifully edged and mottled with creamy white. A most valuable plant for vases, baskets, or for training over a window frame. (See cut.) Strong plants 50 cts. each; \$5.00 per doz.

**Silver Queen**. A shrubby variety that does not climb but grows in bush form. The foliage is dark glossy green, beautifully edged and splashed with creamy white; a useful plant for decorative purposes or for planting in the border. 50 cts. each; \$5.00 doz.

**Cavendishii**. One of the hardiest of the variegated forms, of climbing habit, with small, light green foliage edged with silvery white. 50 cts. each; \$5.00 per doz.

**Tricolor**. A pretty variegated form with dark green leaves edged with white and tinted pink. 50 cts. each.

**Dentata**. A pretty cut-leaved sort, with dark glossy green foliage. 50 cts. each.

**PASSIFLORA (Passion Flowers).**

**Constance Elliot**. Pure white excepting a slight coloring at base.

**Cœrulea**. Bright blue; very fragrant. 15 cts. each; \$1.50 per doz.

**PERIPLUCA GRÆCA (Silk Vine).**

An exceedingly rapid-grower, reaching up to a great height; with shining, long, narrow leaves and clusters of purplish-brown blossoms. 25 cts. each; five for \$1.00.

**CHINESE WISTARIA.**

One of the best of all hardy climbers. When given a sunny situation and liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

**Wistaria Sinensis**. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. 30 and 50 cts. each.

— **Sinensis Alba**. Of similar habit to Sinensis, with pure white flowers; a lovely climber. 50 cts.

— **Multijuga**. A handsome double-flowering variety; with lilac and blue flowers. \$1.00 each.



HARDY MOONFLOWER.

## CHOICE HARDY SHRUBS.

**Azalea, Ghent.** A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for outdoor purposes. Very dry situations are not suitable for this class. The soil should be prepared as for Rhododendrons. The collection offered is from the best European sources. 75 cts. each, \$7.50 per doz.

**Azalea Mollis.** A beautiful species from Japan, with large flowers of various shades of yellow; orange; carmine, etc. (See cut.) Strong bushy plants, 75 cts. each, \$7.50 per doz.

**Althea, or Rose of Sharon (*Hibiscus Syriacus*).** Strong, erect-growing shrubs of the easiest culture, which bear large and showy flowers in early fall. Double Rose. Double White. Double Purple. Variegated Leaved. Very desirable on account of flowering when few other shrubs are in bloom.

**Barberry, Purple (*Berberis vulgaris purpurea*).** Violet-colored foliage and fruit; very effective.

**Burning Bush (*Euonymus Europæus*).** Pods covered with scarlet seeds during autumn and winter.

**Calycanthus, Sweet Shrub (*Calycanthus Floridus*).** Flowers fragrant, like strawberries; double and of a chocolate color.

**Dwarf Rocky Mountain Cherry.** A native of the Rocky Mountains; for preserves or to eat out of hand it has no equal in the line of pitted fruits. The plants are of bushy habit, growing from 2 to 4 feet high. It is entirely hardy and most desirable as an ornamental plant for the garden or lawn.

**Deutzia Crenata.** Bears a profusion of pink and white flowers; very pretty.

— **Crenata Flore Plena (*Double-flowering Deutzia*).** Flowers double white, tinged with pink. One of the most desirable flowering shrubs in cultivation.

— **Fortunei.** Large, pure white single flowers.

— **Gracilis.** A dwarf bush, covered with spikes of pure white flowers in early summer.

— **Pride of Rochester.** A fine double, pure white.

**Dogwood, Red Twigged (*Cornus sanguinea*).** A strong growing bush, with crimson-colored branches, making it an attractive object in winter.

### HYDRANGEA PANICULATA GRANDIFLORA.

This is the finest hardy shrub in cultivation, and endures heat and cold extremely well.

The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first

open, but gradually change to rose color and remain in good condition for weeks.

We also offer a beautiful lot of standard or tree-shaped plants of this useful plant. These will make beautiful specimens for the lawn or garden.

Standard shape, \$1.00 ea.; \$10.00 per doz.

Fine bush plants at 25 cts. and 50 cts.



JAPAN SNOWBALL.



AZALEA MOLLIS.

**Eleagnus Longipes.** A very desirable, nearly evergreen shrub, holding its leaves until late in winter; the branches are thickly studded with tiny brown dots or scales, giving a rusty appearance, contrasting strikingly with the light hue of the foliage, which is silvered on the under surface with little white scales. The abundant crop of orange-colored fruit, dotted with small ferruginous specks, is a very attractive feature during the summer.

**Exochorda Grandiflora.** Finely shaped shrub with a profusion of the most lovely pure white flowers; blooms in the spring. 50 cts.

**Forsythia, Golden Bell (*F. viridissima*).** Bears bright yellow flowers before the leaves appear.

**Fringe, Purple or Smoke Tree (*Rhus cotinus*).** Has very curious bloom, which when covered with dew resembles a cloud of smoke or mist.

**White (*Chionanthus Virginica*).** The bloom is very much like white fringe; pleasing ornaments for the lawn.

**Globe Flower (*Kerria*, or *Corchorus Japonica*).** Small shrubs, with abundant yellow flowers in early summer.

**Ita Virginia.** One of the prettiest of our native shrubs, and yet but little known. It grows from 4 to 6 feet high, and produces numerous racemes of pure white flowers during June, which have a delicious fragrance not unlike the ordinary Pond Lily. The foliage and stem turn to a beautiful red during the autumn. This is one of the very best hardy shrubs, growing naturally into a compact and symmetrical shape, and blooming so freely as to appear to be covered with snow. It will succeed in any position.

**Japan Quince (*Pyrus Japonica*).** A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge.

**Judas Tree, or Japan Red Bud (*C. Japonica*).** The flowers are a brilliant rose color, and borne in profusion; 3 to 5 feet. \$1.00.

**Laburnum (*Cytisus laburnum*).** Long racemes of golden-yellow flowers; in bloom June and July.

**Lilac, Common (*Syringa vulgaris*).** The common purple species, and one of the best.

— **Common White (*S. vulgaris alba*).** Flowers pure white; very fragrant; beautiful.

— **Persian.** Small flowered species, purple and white.

**PRICE:** Any of the above Hardy Shrubs, strong plants, 25 cts. each, \$2.50 per doz., \$15.00 per 100 (except where noted).

**CHOICE HARDY SHRUBS—Continued.**

**Mock Orange, or Syringa** (*Philadelphus grandiflorus*). Showy, fragrant large flowers, pure white.

— **Double Flowering** (*Philadelphus Fl. Pl.*). Large, fragrant, double, pure white flowers.

**Trifoliolate Orange.** This is the most hardy of the orange family, and will stand our northern climate with little or no protection, and is also desirable for pot culture. It is dwarf, of a low, shrubby growth, with beautiful trifoliolate, glossy green leaves, and large, white, scented blossoms.

**Privet, California.** Nearly evergreen. Bears white flowers in the early summer; one of the best hedge plants.

**Spirea Billardii.** Strong-growing, pink-flowered, late-blooming.

— **Callosa Alba.** Low, dwarf growth; white.

— **Prunifolia** (*Bridal Wreath*). Flowers double, white and abundant.

— **Reevesii Fl. Pl.** Double white flowers in clusters; very fine.

— **Thunbergii.** One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.

— **Van Houttei.** The grandest of all the Spireas; it is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and these clusters are set close along the drooping stems. Perfectly hardy and an early bloomer. 20 cts. each, \$2.00 per doz.

**New Crimson Spirea** (*Anthony Waterer*). A new and remarkably valuable and distinct variety. It outshines all other Spireas in brilliancy of color, being of a bright crimson; it is of dwarfier and denser growth, never exceeding 15 inches in height, and a profuse and persistent bloomer, being in bloom the entire summer and fall; it makes an admirable pot plant and will become a standard plant for Easter decorations.

**Salisburia Adiantifolia** (*Maiden-hair Tree*). Strong plants. 50 cts. each.

**Snowball** (*Viburnum opulus sterilis*). Snowy-white; borne in large balls in early summer.

**Snowberry** (*Symphoricarpos racemosus*). Pink flowers in summer; large white, waxy berries in autumn.

**Staphylea Colchica.** A most desirable hardy shrub, of strong, erect habit, growing from 3 to 5 feet high, and producing large, white flowers in nodding terminal racemes during May. Strong flowering plants. 50 cts.

**Tamarisk** (*Tamarix tetan-dra*). Feathery foliage; small,



RHODODENDRON.

**Rhododendrons.** One of the most valuable of our hardy decorative plants. They require only a good garden soil, which should be dug at least 2 feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during summer, and protect with leaves or brush during winter. We offer a choice collection of plants from 12 to 24 inches high, bushy and well established, of hardiest varieties only, ranging in color from the purest white through all the shades of rose, pink, purple and crimson. All the plants we offer are finely set with buds.

12 to 15 inches high, 75 cts. each, \$7.50 per doz., \$60.00 per 100; 15 to 18 inches high, \$1.00 each, \$10.00 per doz.; 18 to 24 inches high, \$1.50 each, \$15.00 per doz.

**Japan Snowball** (*Viburnum Plicatum*). This is one of the most valuable of our hardy shrubs. Flowers, though hardly as large as the old variety, are much more numerous. The leaves are in pairs along the stem, and from the base of each leaf a ball of flowers appears. There are often as many as twenty balls on a branch 18 inches long. These balls all face upward, so that a full view of their great beauty can be had.

A fine lot of extra strong plants, 50 cts. each, \$5.00 per doz.  
**Japanese Wineberry.** Interesting plant belonging to the Raspberry family. 10 cts. each, \$1.00 per doz. Seed, per pkt. 10 cts.

**PRICE:** Any of the above hardy shrubs, strong plants, 25 cts. each, \$2.50 per doz., \$15.00 per 100 (except where noted).

**JAPANESE MAPLES.** These are exceedingly beautiful plants, especially in spring and early summer, when they burst into full leaf, and the various colors of the foliage are deep and decided. As the summer advances the deep colors fade out very much, but the lace-like foliage retains its beautiful outlines, and in autumn many varieties deepen in color and assume very beautiful autumn tints.

We offer 3 of the most distinct and beautiful varieties suited to our climate.  
**Acer Japonicum Aureum.** A charming variety, with scalloped leaves, which are of a bright golden-yellow.

— **Polymorphum Atropurpureum.** This is a dark purple-leaved variety, foliage deeply cut; very ornamental.

— **Polymorphum Dissectum Atropurpureum.** A striking and handsome variety; leaves a beautiful rose color when young; change to a deep and constant purple as they become older. Also deeply and delicately cut, giving them a fern-like appearance. 50 cts. each; the set of 3 for \$1.25.

**HEDGE PLANTS.**

**Osage Orange.** Strong 2-year-old plants... \$1.00 per 100, \$7.50 per 1000.

|                           |                     |      |       |
|---------------------------|---------------------|------|-------|
| <b>California Privet.</b> | 1 year, 1 to 1½ ft. | 2.50 | 20.00 |
| "                         | 2 " 2 to 2½ "       | 3.50 | 30.00 |
| "                         | 3 " 2½ to 3 "       | 5.00 | 35.00 |
| "                         | 3 " 3 to 3½ "       | 6.00 | 45.00 |

**Pyrus Japonica.** 1 ft. to 1½ ft. high ..... 8.00 " 75.00 "



SPIREA ANTHONY WATERER.

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fringed, light pink flowers.

**Weigela Candida.** Pure white.

— **Rosea.** Fine colored flowers; one of the best.

— **Rosea Nana Variegata.** Leaves beautifully margined, creamy-white; flowers pink.



WEIGELA ROSEA.

**STRAWBERRIES.**

The plants offered in this list are all *extra* strong layers, and are far superior to ordinary layers offered at low prices. All have perfect or bisexual blossoms, except those marked (*P*), which are imperfect flowering varieties, and must be planted near some perfect flowering sort, or they will produce little fruit.

**A QUARTETTE OF NEW STRAWBERRIES.**

**Crescent Improved** (*P*). A decided improvement on the well-known Crescent seedling, which no amount of neglect would prevent from bearing a crop. The "Improved" is superior in every way, the fruit being uniformly large, all ripening up, and of exquisite flavor.

**Glen Mary.** Originated in Eastern Pennsylvania, and is described by a large grower as follows: "It makes a very strong plant, but few of them. Its roots are enormous, enabling it to ripen its great crop of monster berries in the driest season. It has never been injured by the winter even without mulch, and has never failed to produce a large crop of fruit. In size they are more uniformly large than any other variety."

**Gandy Belle.** For the family supply or markets that like dark, glossy red berries, this variety stands at the head of the list. The plant is a good grower and a good bearer. The fruit is large and very handsome, somewhat acid, but of rich, high flavor, ripening early and extending well into midsummer. An extra choice strawberry.

**I X L** (*P*). A seedling having many valuable characteristics; the plant is a good strong grower, with dark green foliage and nearly rust-proof; extraordinarily productive even in light soil; the fruit is borne on long stems of large size and of a most brilliant scarlet color. The flavor is slightly tart but very good, a grand berry for the private garden, its fine color and general excellence making it a fine dessert fruit.

PRICE: Any of the above 35 cts. per doz., \$2.00 per 100, \$10.00 per 1000.

**GENERAL LIST OF SELECT TESTED VARIETIES.**

**Brandywine.** Medium to late; now recognized as a standard sort; in favor among market gardeners; large, dark red berry, suited to the table or to the preserving kettle.

**Bederwood.** Sometimes called Racster; early; rather soft for market, but worthy of trial in private gardens.

**Bubach** (*P*). The most popular strawberry grown in the vicinity of Philadelphia; berries very large and beautiful; thrives on any rich soil, whether sand or clay; season medium; a good cropper.

**Charles Downing.** Medium to large, bright crimson, moderately firm, and of fine flavor; especially adapted to home culture.

**Crawford.** Named after the well-known strawberry specialist, M. Crawford, who describes it as "a berry for amateurs who give good culture; for size, quality and beauty, it is one of the best, a good grower and bearer, and produces an abundance of very fine fruit."



**Dayton.** Early, hardy, good size, productive and a vigorous grower.

**Enhance.** Plant vigorous, with dark green foliage; fruit of good quality; medium season; blossoms rich in pollen; one of the best new berries.

**Gandy.** Sometimes called Gandy's Prize; a large, late berry, demanding the highest culture; a leading Philadelphia grower has fifteen acres of strawberries, and this variety is his favorite.

**Gov. Hoard.** An excellent sort, ripening early and continuing in bearing for a longer period than most varieties. On this account it is a good sort to plant in small gardens where only a few plants of one kind is wanted.

**Greenville** (*P*). A fine berry, of vigorous growth; a Montgomery County (Pa.) grower said, June 8th: "More quarts from Greenville than others to date."

**Haverland** (*P*). One of the most prolific berries now on the market. Season medium. Size and quality fair. A good market berry.

**Lady Thompson.** A North Carolina favorite, with a great record for productiveness, now planted extensively in the Northern States. Early, fruit of good quality.

**Mary** (*P*). A new berry with a good record, now widely on trial. Early, large, productive, with strong foliage.

**Marshall.** Berries large, dark crimson, good flavor. Plants vigorous. We recommend a trial of the Marshall, under high culture.

**May King.** An old but excellent variety. Early to medium, prolific in pollen.

**Michel's Early.** An early strawberry, with many friends. Strong-growing plant, moderately productive, quality good.

**Parker Earle.** A medium to late berry; size moderate, quality fair. So enormously productive that some market growers give first place to this variety. The most prolific strawberry known.

**Rio.** A recent berry that is very highly recommended. Rich, glossy color, medium size, and very prolific.

**Saunders.** One of the leading strawberries. Early to medium; deep red and of good quality; a berry of great commercial value.

**Sharpless.** An old berry that will long remain a favorite in private gardens. Finest flavor, but not so productive as some other kinds.

**Timbrell** (*P*). Not a commercial favorite near Philadelphia, but worthy of high culture in private gardens on account of quality. Medium to late.

**Tennessee.** A new berry of promise, of vigorous growth and productive habit. Size medium to large. Bright scarlet berries of fine quality. Season early to medium. For family or market.

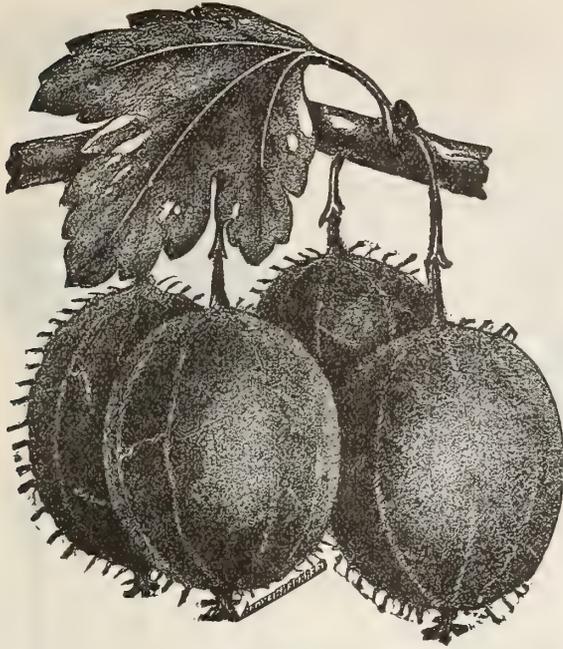
**Warfield** (*P*). A very fine berry in every way. Plant strong, free grower, and should not be planted too closely; wonderfully prolific bearer. Berries medium size, very firm; color rich glossy red, and of fine flavor.

**Woolverton.** A promising berry of Canadian origin; a strong grower; crops over a long season; early and medium.

PRICE: Any of the above 25 cts. per doz., \$1.00 per 100, \$6.00 per 1000.

Special List of Pot-grown Strawberries is issued in June.





INDUSTRY GOOSEBERRIES.

**Smith's Improved.** Large; pale green. 2 years, \$1.00 per doz., \$6.00 per 100.  
**Industry.** Of English origin, succeeds admirably in this country, bearing immense crops. 25 cts. each, \$2.00 per doz., \$12.00 per 100.

There are several remarkably fine new Raspberries on the Loudon are prominent, and of the black caps the Kansas and the **Miller's Red.** Hardy, prolific, fine flavor; berry large and showy. \$1.00 per doz., \$6.00 per 100.  
**Loudon.** Rather later than Miller's Red, and by some growers thought to be better. \$1.00 per doz., \$6.00 per 100.  
**Kansas.** One of the new black caps. Has produced fruits that measured fifteen-sixteenths of an inch in diameter. 50 cts. per doz., \$3.00 per 100.  
**Eureka.** Another large, new black cap. 50 cts. per doz., \$3.00 per 100.  
**Hansell.** Bright crimson; very early. 50 cts. per doz., \$3.00 per 100.

**HARDY GRAPES.**

**Agawam (Rogers' No. 15).** Large; dark red; sweet.  
**Bacchus.** An excellent black grape; fine flavor.  
**Brighton.** Resembles Catawba, with richness of the Delaware.  
**Catawba.** Red, sweet and rich, with pleasant musky flavor.  
**Champion, or Talman.** Berries large and black.  
**Clinton.** Small; black, very sweet.  
**Concord.** The most popular grape, succeeds everywhere.  
**Delaware.** Light red; sweet, sprightly, fine flavor.  
**Diana.** Pale red; sweet, rich and aromatic; late.  
**Duchess.** Medium size; greenish-white; flesh tender.  
**El Dorado.** A very beautiful grape; clear, golden-yellow.  
**Empire State.** White, fine flavored and productive.  
**Jefferson.** Berries large; light red; juicy, sweet.  
**Jessica.** White; remarkably early.  
**Lady Washington.** Beautiful pale yellow.  
**Iona.** Medium; pale red; sweet and sprightly.  
**Lindley (Rogers' No. 9).** Large; black, good quality.  
**Martha (White Concord).** Large; pale yellow.  
**Merrimac (Rogers' No. 19).** Large; black; juicy, sweet.  
**Moore's Early.** Large; black, good quality.  
**Niagara.** Berries large; light greenish-white, slightly ambered.  
**Pocklington.** Bunch and berry large; golden-yellow.  
**Prentiss.** Berry medium to large; yellowish-green.  
**Salem (Rogers' No. 22).** Large; bright reddish-brown; fine.  
**Telegraph.** Large; black; juicy; sweet, agreeable flavor.  
**Vergennes.** Chocolate color; ripens early.  
**White Lady.** Yellowish-green, rich and sprightly.  
**Wilder (Rogers' No. 4).** Bunch and berry large; black.  
**Worden.** Black; hardy; healthy, of fine quality.  
**Wyoming.** A fine, early, red grape.

**BLACKBERRIES.**

Blackberries respond generously to good treatment. They prefer a deep soil inclining to sand, but will grow and fruit almost everywhere.  
**Wilson Junior.** 50 cts. per doz., \$2.50 per 100.  
**Erie.** 60 cts. per doz., \$3.00 per 100.  
**Early Harvest.** 50 cts. per doz., \$2.50 per 100.  
**Kittatinny.** 50 cts. per doz., \$2.50 per 100.  
**Snyder.** 50 cts. per doz., \$2.50 per 100.

**CURRANTS.**

Currants do well in partial shade, but require rich soil and good culture. One of our patrons grows 18 to 20 tons of Currants every year among fruit trees.  
**Fay's Prolific.** Color rich red; the leading variety for home use. 2 years, 15 cts. each, \$1.50 per doz., \$8.00 per 100.  
**Cherry.** Deep red. 2 years, \$1.00 per doz., \$6.00 per 100.  
**Versailles.** Bright crimson. 2 years, \$1.00 per doz., \$6.00 per 100.  
**White Grape.** Best white variety. 2 years, \$1.00 per doz., \$6.00 per 100.  
**Black Naples.** 2 years, \$1.50 per doz., \$8.00 per 100.

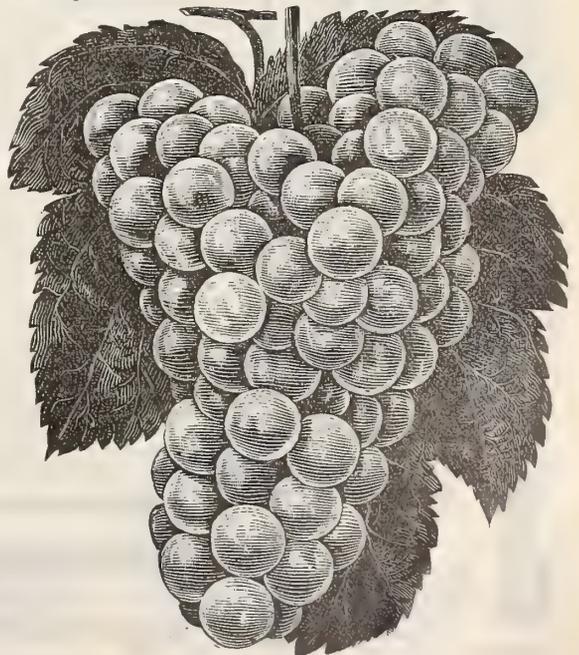
**GOOSEBERRIES.**

Gooseberries demand rich soil and good culture. One of the most successful American growers uses a heavy manure mulch around his Gooseberry bushes during the heat of midsummer, thus escaping mildew.  
**Downing.** Large; pale green; a popular market berry. \$1.00 per doz., \$6.00 per 100.  
**Houghton's Seedling.** Medium-size; pale red; recommended for pies. \$1.00 per doz., \$6.00 per 100.

**Columbus.** A new seedling, of the English type; fruit large, oval, greenish-yellow, smooth; foliage glossy; no trace of mildew. Strong plants, 50 cts. each, \$4.00 per doz.

**RASPBERRIES.**

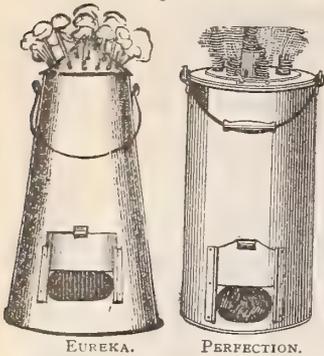
market, both red and black. Of the newer reds, Miller and **Eureka.**  
**Golden Queen.** Large golden-yellow. 50 cts. per doz., \$3.00 per 100.  
**Gregg.** Large black. 50 cts. per doz., \$2.00 per 100.  
**Marlboro'.** Bright crimson, very firm. 50 cts. per doz., \$2.50 per 100.  
**Souhegan, or Tyler.** Jet black, of medium size. 50 cts. per doz., \$2.00 per 100.  
**Brandywine.** Large, bright red. 50 cts. per doz., \$2.50 per 100.  
**Cuthbert.** Large; deep, rich crimson. 50 cts. per doz., \$2.50 per 100.



NIAGARA GRAPES.

Price: Strong selected 2-year-old vines, 25 cts. each, \$2.50 per doz., \$15.00 per 100.

Fumigators.



EUREKA.

PERFECTION.



DOCK EXTRACTOR.

BILL HOOK.

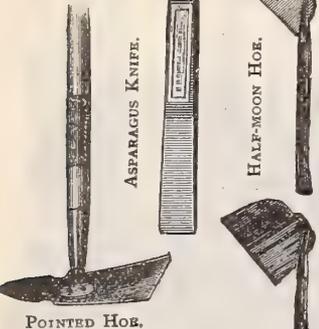
GOOSEBERRY PRUNER.



HAND FORK.

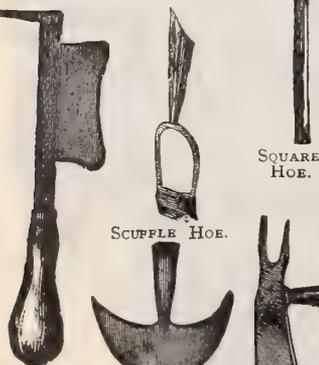
ASPARAGUS KNIFE.

HALF-MOON HOE.



POINTED HOE.

SQUARE HOE.



SCUFFLE HOE.

HOE AND RAKE.

DOUBLE-POINTED HOE.

GRAFTING TOOL.

GRASS EDGING KNIFE.

DOCK LIFTER.

Asparagus Knife. 14 in. long, with saw, English, \$1 50  
 " " " plain, American... 50  
 Asbestos Torch. For destroying insects on trees, etc. 20  
 Bellows, Powder. Single cone, small \$1.00, large 1 75  
 " " Double " " " 2 75  
 " Vaporizing. For liquid, small \$1.00, large 1 75  
 " Special Sulphur..... 1 50

Bee Supplies. Send for circulars and prices.  
 Bill Hook. \$1.25; Brush Hook, for hedges..... 2 00  
 Brooms (Stable). Upright rattan ..... 60  
 " " Push, 14 in., rattan or cocoa... 50  
 Calf Feeder. Small's..... 2 50  
 Cider Mill. Junior \$12.00, Senior..... 20 00  
 Corn Knife. Eureka 30 cts., English ..... 75  
 Dibble. All iron 35 cts., iron point 50 cts., brass pt. 50  
 Dock Extractor, or Lifter, heavy ..... 1 75  
 Edging Knife. American steel, with handle. .... 75  
 English Dock and Weed Lifter. For hand .... 1 25  
 " " Paintain Lifter. 50 cts. and 75

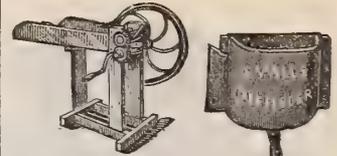
Feed Cutter. (See Hay Cutter, page 157.)  
 Fruit and Flower Gatherer. English, small \$1.00, medium \$1.20, large \$2.00; American, plain, 25 and..... 50  
 Fruit Picker. Wire 40c., Crider's 75c., Universal 1 25  
 Forks. Hand-weeding, American, all steel, 15c. and 25  
 " Digging or spading, 4 prong..... 75  
 " " " 5 " " 1 00  
 " Manure, long handle, 4 tine, heavy ..... 60  
 " " D " 4 " medium ..... 60  
 " " D " 5 " " 75  
 " Hay and Straw, long handle, 3 tine, medium 50 cts.; 2 tine, medium..... 40

Fumigator. Eureka. No. Capacity.  
 " " 1 4 qts..... 1 25  
 " " 2 8 " " 1 75  
 " " 3 16 " " 2 25  
 " " 4 24 " " 3 25  
 " " Perfection, 1 8 " " 3 00  
 " " 2 16 " " 3 75  
 " " 3 24 " " 4 50

Made with vapor tank, which prevents overheating; the vapor assists in the destruction of insects.

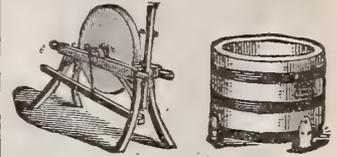
Garden Reels. Iron, painted, small 50 cts., large 75  
 " " Galvanized, single \$1.25, double 2 00  
 " Lines. Best Italian flax, 60 ft. 30 cts., 90 ft. 45 cts., 120 ft. 60 cts., 150 ft., heavy, 75 cts., extra quality, 300 ft. .... 1 75  
 " Tools. In sets, for children, 25c., 50c. and 75  
 Gloves. Heavy goatskin, for pruning thorny plants. 75  
 Grindstones. Ohio, mounted, 18-in., 50 lbs.... 3 00  
 " " 20 " 75 " " 3 50  
 " " 24 " 100 " " 4 25

Goosberry Pruner. For thorny bushes..... 1 00  
 Grass Hooks, or Sickles, English, riveted back; No. 0, 50c.; No. 1, 60c.; No. 2, 70 cts.; No. 3 ... 75  
 Grass Hooks. American, plain back..... 25  
 " " Dutch steel, two sizes, 40 cts. and 50  
 " Edging Knife. English steel, 8 in. \$1.00, 9 in. 1 25  
 Grafting Tools. Small size 50 cts., large size ... 75  
 " Wax. 1/4 lb. 10 cts., 1/2 lb. 15 cts., 1 lb.... 25  
 Hoe. Dutch, or Scuffle, 4 in. 40c., 5 in. 50c., 6 in. 60c., 7 in. 65c., 8 in. 70c., 9 in. 80c., 10 in. 90  
 " American Adjustable Scuffle..... 60  
 " Celery, 14-in. blade ..... 1 25  
 " Garden, with point, 30 cts., 2 points..... 30  
 " Grubbing ..... 1 00  
 " Half-moon, solid socket, 3 in. 25c., 4 in. 30c., 5 in. 35c., 6 in. 40c., 7 in. 45c., 8 in. 50  
 " Potato, 4-pronged ..... 35  
 " Square, solid socket, 6 in. 35c., 7 in. 40c., 8 in. 50  
 " Warren, 3 sizes, 40 cts., 50 cts. and..... 65  
 " Weeding Hoe and Rake, 4 teeth 40c., 6 teeth 50  
 " Trowel-shaped ..... 40



FEED CUTTER.

CALF FEEDER.

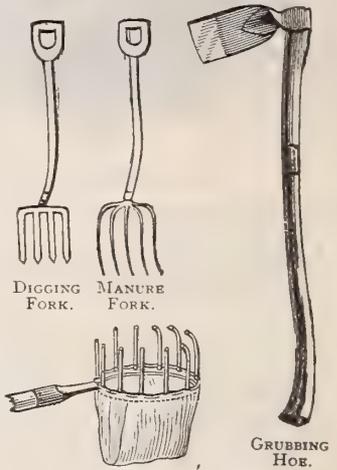


GRINDSTONE.

WHITE CEDAR TREE TUB.



DIBBLE

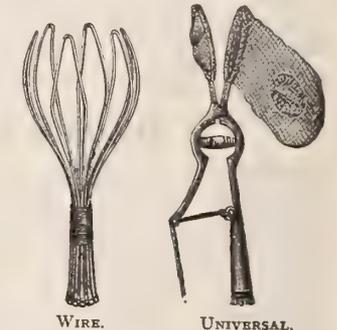


DIGGING FORK.

MANURE FORK.

GRUBBING HOE.

CRIDER'S FRUIT PICKER.

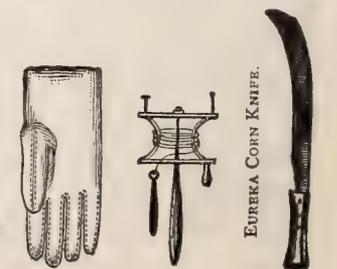


WIRE.

UNIVERSAL.



GRASS HOOK.



GLOVES.

GARDEN REEL.

EUREKA CORN KNIFE.





BORDER SHEARS.



ROOT CUTTER.



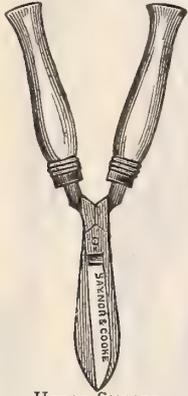
SHEEP SHEARS.



BOW SCISSORS.



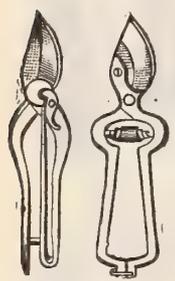
FLOWER-GATHERING SCISSORS.



HEDGE SHEARS.



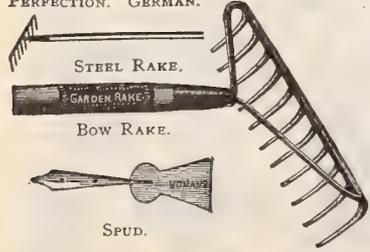
GRAPE THINNING SCISSORS.



PRUNING SHEARS. PERFECTION. GERMAN.



SPUD.



STEEL RAKE.

BOW RAKE.

SPUD.



PLANT BED CLOTH.

**Plant Bed Protecting Cloth.** A cheap substitute for glass. Light, 4 cts. per yard; per piece of about 65 yards, @ 3½ cts. Medium, 8 cts. per yard; per piece of about 60 yards, @ 7½ cts. Heavy, 10½ cts. per yard; per piece of about 50 yards, @ ..... \$ 10

**Rakes.** Steel, short teeth for walks, 14 teeth 40 cts., 16 teeth 50 cts., 18 teeth..... 60  
 " Lawn and Scarifying..... 50  
 " Steel Garden, 6 teeth 25 cts., 8 teeth 30  
 " " " 10 " 35 " 12 " 40  
 " " " 14 " 45 " 16 " 50  
 " Steel Bow, 9 " 30 " 11 " 40  
 " " " 13 " 50 " 15 " 60  
 " Jackson Lawn, bent steel teeth, 50 cts., Hustler Lawn, galvanized wire... 50  
 " Wooden, Lawn King, 22 teeth 40 cts., 26 teeth 50 cts., 50 teeth ..... 1 00  
 " Wooden, Automatic, self-cleaning, 22 teeth 60c., 26 teeth 70c., 50 teeth... 1 50

**Root Cutters.** Ames'..... 10 50  
**Saws.** Pruning, 14 in. 75 cts., 16 in. 85 cts., 18 in. \$1.00, 20 in. \$1.15, 24 in. .... 1 25  
 " Lightning, double edge, 16 in. .... 65

**Scissors.** Grape thinning, English, 6 in. \$1.00, 7 in. \$1.25, 8 in. .... 1 50  
 " Flower-gathering, English, small \$1.00, medium \$1.20, large ... 2 00  
 " Bow, pruning, 4 in. 75 cts., 5 in. \$1.00, 6 in. \$1.25, 7 in. .... 1 50

**Scythes.** English Lawn, riveted back, 30 and 34 in. \$1.00, 36 in. \$1.15, 38 in. .... 1 25  
 " American, of best steel ..... 60  
**Scythe Stones.** Darby 10 cts., Talacre or Welsh..... 15

**Rifles.** 10 cts. **Snath's.** The best pattern... 60

**Shears.** Grass border, 8-in. blade \$2.00, 10 in. 2 50  
 " Grass border, with wheel, 8-in. blade \$2.50, 10 in. .... 3 00  
 " Lawn, 2 wheels, 8-in. blade, for cutting on narrow borders, under fences and shrubs..... 2 50  
 " Hedge, English, with notch, 8 in. \$1.50, 9 in. \$1.75, 10 in. .... 2 00  
 " Hedge, American, with notch, 8 in. \$1.25, 9 in. \$1.50, 10 in. \$1.75, 12 in. 2 25  
 " Pruning, Perfection, 7 in. \$2.25, 8 in. \$2.50, 9 in. .... 2 75  
 " Pruning, German, 8 in. \$1.00, 9 in. .... 1 25  
 " Lopping, Saynor's. No. 1, \$2.25; No. 2, \$2.75; No. 3, \$3.50; No. 4. .... 4 25  
 " Sheep, English, for grass, 7½ in. .... 1 15  
 " Sheep, English, with spring, 7½ in. .... 1 25  
 " Sheep, American, 6-in. blade 35 and 50

**Shovels.** Round point, polished, No. 2, D handle ..... 75  
 " Square point, polished, No. 2, D handle 75  
 " Long handle, round point, No. 2, 75c. and 1 00

**Spades.** Ames', polished, No. 1, \$1.15; No. 2 1 25  
 " Jackson, polished, No. 1, 75c.; No. 2 85  
 " English turfing ..... 4 00

**Spuds.** Long handle, with foot rest ..... 75  
 " English, for thistles and docks..... 35  
 " Wrought..... 50

**Settees, Rustic.** Cedar, 5 ft. long, \$5.00 each; per pair..... 9 00

**Sprinklers.** Rubber, straight or bent neck, large \$1 00, small..... 50



WATERS IMPROVED TREE PRUNER.

TREE SCRAPER.



LEE'S TREE PRUNER.

LOPPING SHEARS.



LAWN SCYTHE.



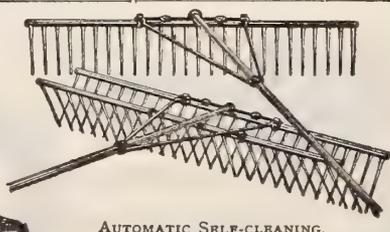
SAW.



SPRINKLER, BENT. SPRINKLER, STRAIGHT.



**LAWN & SCARIFYING RAKE.**

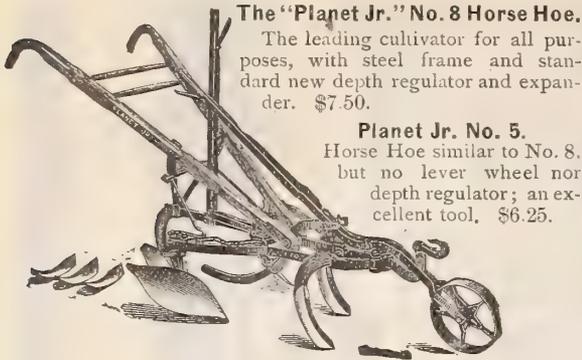


AUTOMATIC SELF-CLEANING.



COLDWELL'S PATENT.





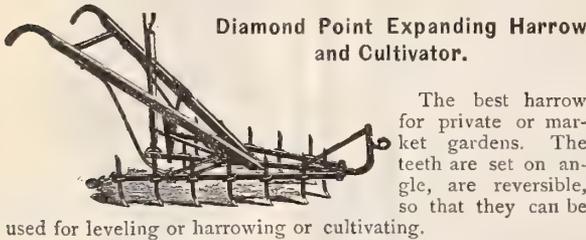
**The "Planet Jr." No. 8 Horse Hoe.**  
The leading cultivator for all purposes, with steel frame and standard new depth regulator and expander. \$7.50.

**Planet Jr. No. 5.**  
Horse Hoe similar to No. 8, but no lever wheel nor depth regulator; an excellent tool. \$6.25.

**The Iron Age No. 6 Horse Hoe and Cultivator.**  
Complete, \$6.00.



The above cut shows a complete Iron Age Cultivator with furrow-closing attachment. \$6.00. Plain Cultivator, \$3.00.



**Diamond Point Expanding Harrow and Cultivator.**

The best harrow for private or market gardens. The teeth are set on angle, are reversible, so that they can be

used for leveling or harrowing or cultivating.

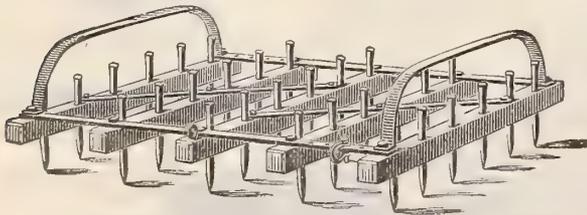
Without wheel, \$3.75; with wheel, \$4.25.



**Princess Plow.**

From the many makes of plows we have selected the "Princess" as the best for every use.

No. 73, Light, One Horse ..... \$5 00  
" 85, " Two " ..... 7 00  
" 85, Complete, with front wheel and jointer ..... 9 50



**Kain Harrow.**

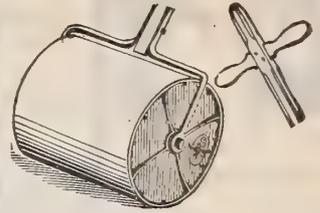
One of the very best tools for private or market gardens. The harrows are provided with runners, so they can be easily moved without tearing up walks or roads.

24-tooth, \$5.00; 30-tooth, \$6.00.

**Steel Lawn and Field Horse Roller.**



**Steel Hand Rollers.**



These rollers are all made of the best wrought steel, and filled with concrete to give them additional weight, and are preferable to cast iron, as they are not so liable to break.

24 in. diam., 30 in. long, weight about 450 lbs..... \$38 25  
28 in. diam., 36 in. long, weight about 550 lbs..... 42 50

**With Sections Loaded for Road and Lawn Purposes.**

24 in. diam., 30 in. long, weight about 700 lbs..... 42 50  
28 in. diam., 36 in. long, weight about 900 lbs..... 46 75

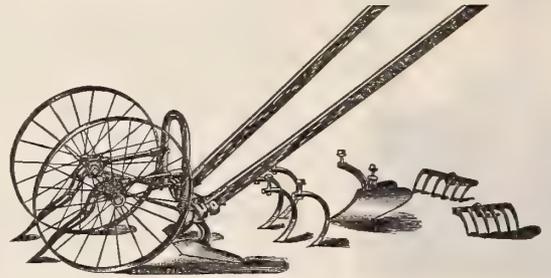
**Steel Garden and Lawn Hand Rollers.**

Made of the best wrought steel, and filled with concrete to give them additional weight.

10 in. diam., 15 in. long, weight about 130 lbs..... \$6 80  
12 in. diam., 18 in. long, weight about 200 lbs..... 8 50  
14 in. diam., 21 in. long, weight about 300 lbs..... 9 35

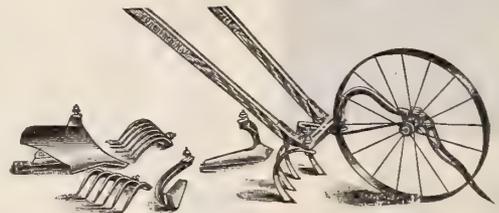
We also have Field and Lawn Cast-iron Sectional Rollers. Prices furnished on application.

Special circular of Rollers mailed on application.



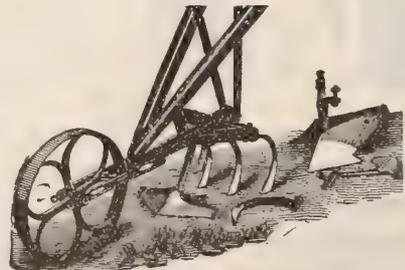
**New Iron Age Double Wheel Hoe.**

One of the lightest tools made, and will do the work of cultivating with the greatest ease... \$6.00.



**New Iron Age Single Wheel Hoe.**

Simple, strong and very light in weight; a pleasure to use it, so little labor. \$4.50.



**Gem Single Wheel Hoe and Cultivator.**

Five steel teeth, two scuffle hose, and two plows, one right and the other left hand. The hoes, etc., can be set in any position. \$3.00.

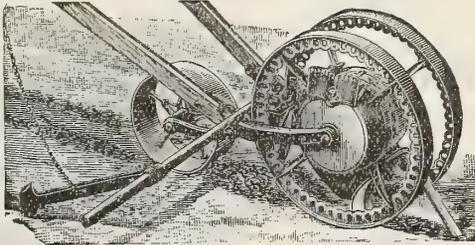
The "Planet Jr.," No. 4, Combined Hill Dropping Seeder and Single Wheel Hoe, Cultivator, Rake and Plow.



Holds three pints and drops distances of 6, 9, 12, 18 and 36 inches. Has a garden plow, two new-style hoes, three cultivating rakes (6, 9, and 12 inches), and a practical leaf guard. Price, complete, \$10 00. As a drill, \$7.00.

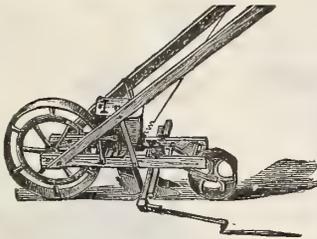
The "Planet Jr.," No. 2, Drill.

It has no hoeing attachments. This drill can be kept perfectly in a straight line, and sows with accuracy any vegetable and flower seeds, covering them just the depth required. Holds 2½ quarts. \$6.50 boxed.

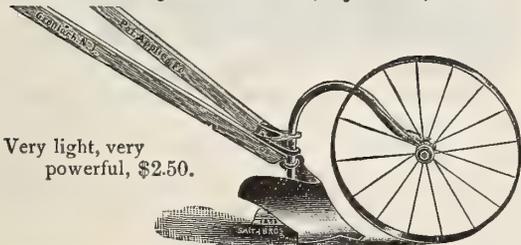


The Model Drill.

The Index or Indicator is plain and reliable. It is placed in open sight, and can be quickly adjusted to the slightest variation. The flow of seed can be instantly stopped by a swinging cut-off. The marker is simple. The main wheel is large and of sufficient width to prevent its sinking into soft earth. \$6.00.

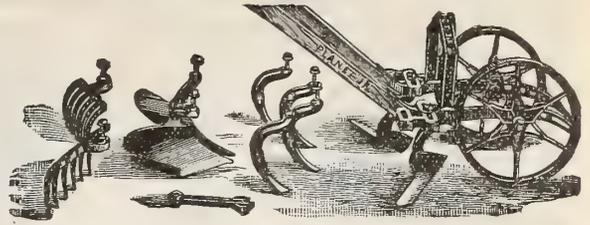


New Iron Age Hand Plow (Adjustable).



Very light, very powerful, \$2.50.

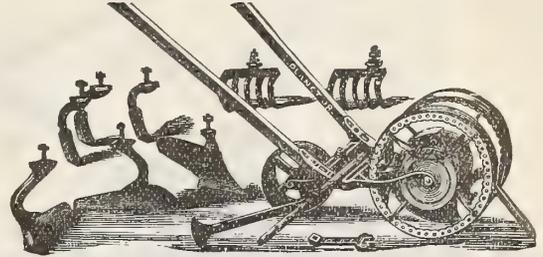
The "Planet Jr." Double Wheel Hoe, No. 10.



All the tools shown in the cut go with the machine for the price. Price \$6.00.

We offer the above machine, with hoes only, under the name of "Planet Jr." Plain Double Wheel Hoe, at \$3.50.

The "Planet Jr." Combined Drill, Wheel, Hoe, Cultivator, Rake and Plow.



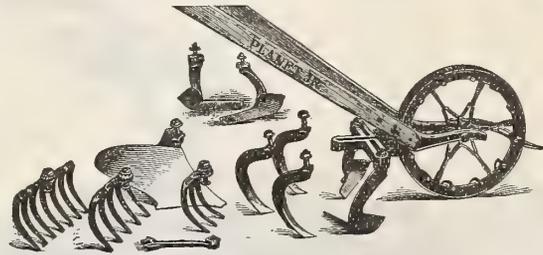
Holds one quart. This tool is the nearest approach to perfection for the uses of a gardener that can well be devised. \$9.00.

Cahoon Broadcast Seed Sower.

Will sow any kind of grain or grass. \$4.00.

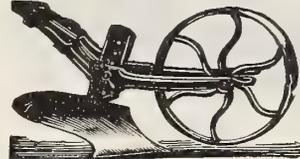


The "Planet Jr.," No. 15, Single Wheel Hoe, Cultivator, Rake and Plow.



Price, as in cut, \$6.00. With one pair of hoes, three cultivator teeth, and leaf lifter \$4.00. With one pair of 6-inch hoes, \$3.00.

The "Fire-Fly" Wheel Garden Plow.



An indispensable Tool for the Garden. Can be set shallow or deep. \$2 00.

## SUNDRIES.

**Grafting Wax.** ¼ lb. 10 cts., ½ lb. 15 cts., 1 lb. 25 cts., postpaid 45 cts.

**Raffia.** The best material for tying plants, vines, etc. Per lb. 20 cts., 5 lbs. 85 cts.

**Green Linen Twine.** For Smilax. 60 cts. per lb.

**White Cotton Twine.** For tying. 20 cts. per lb.

**Jute Twine.** For tying plants or vegetables. 12 cts. per lb.

**Tar Twine.** For tying mats, fodder, etc. 10 cts. per lb., \$8.00 per 100 lbs.

**Baskets.** For use in vegetable garden. ½ bu., oak, 25 cts.; 1 bu., oak, 35 cts.; 1 bu., oak, iron-bound, 75 cts.

**Jersey Peat.** For potting plants, etc. \$1.50 per bbl.

**Oregon Peat.** Only for Orchids. 10 cts. per lb.

**Propagating Sand.** \$1.00 per bbl.

**Prepared Potting Soil.** 50 cts. per bu., \$1.00 per bbl.

**Sphagnum Moss.** For packing growing Orchids, Plants and Trees, etc. \$1.25 per bbl., \$2.50 per bale.

**Cocoa Fibre.** For propagating and mulching. 75 cts. bu.

**Missouri Oil Stones.** 10 cts. per lb.

# LAWN MOWERS.

The prices of Lawn Mowers have fallen off so much during the last few years that the regular manufacturers to meet such have cheapened their goods to that extent that we have found it necessary to have our Lawn Mowers especially made for us, in order to get goods that we know are absolutely perfect, and such as we feel like recommending to our trade. We, therefore, after carefully experimenting and consulting with the best experts, both makers and users, have ordered manufactured for the coming season Lawn Mowers as here shown. These machines are made throughout by skilled mechanics, and none but the best material is used in their construction. It must be borne in mind that our High Wheel machine has five blades, with a driving wheel 10 inches in diameter. This means easy running and a surface of lawn as smooth as velvet. This is the best Mower on the market. These Mowers are none of the ordinary class of Mowers as sold in department and hardware stores, but are made for us under special contract which calls for everything pertaining to the machine to be of the best quality that can be purchased. Parts can be supplied by us on short notice.

**WE ABSOLUTELY GUARANTEE THESE MACHINES TO GIVE PERFECT SATISFACTION OR NO SALE.**

**THE DREER High Wheel Mower.**

The most perfect Lawn Mower in existence. 10-inch driving wheels, insuring light draft; 5 blades, giving a smooth, even finish.

|              |                    |
|--------------|--------------------|
| 14-inch cut. | Price, \$8 00 net. |
| 16 " "       | " 9 00 "           |
| 18 " "       | " 10 00 "          |
| 20 " "       | " 11 00 "          |

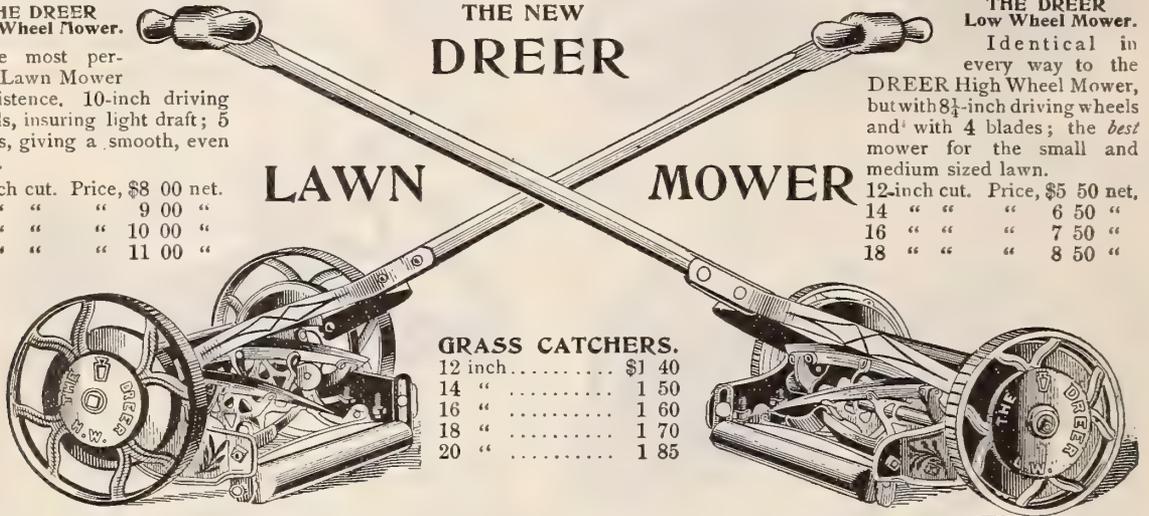
**THE NEW DREER**

**LAWN MOWER**

**THE DREER Low Wheel Mower.**

Identical in every way to the DREER High Wheel Mower, but with 8 1/2-inch driving wheels and with 4 blades; the best mower for the small and medium sized lawn.

|              |                    |
|--------------|--------------------|
| 12-inch cut. | Price, \$5 50 net. |
| 14 " "       | " 6 50 "           |
| 16 " "       | " 7 50 "           |
| 18 " "       | " 8 50 "           |



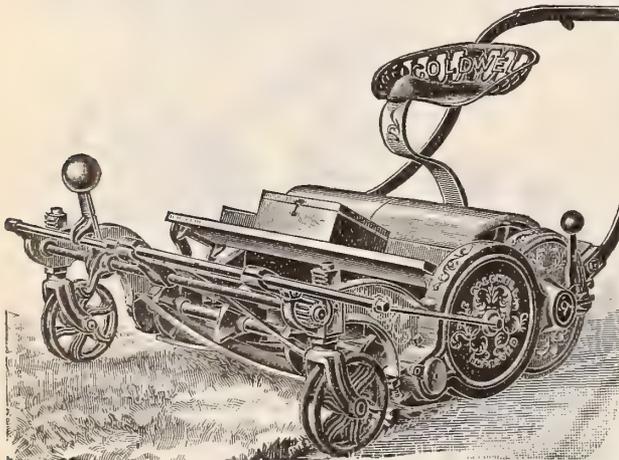
**GRASS CATCHERS.**

|              |        |
|--------------|--------|
| 12 inch..... | \$1 40 |
| 14 " .....   | 1 50   |
| 16 " .....   | 1 60   |
| 18 " .....   | 1 70   |
| 20 " .....   | 1 85   |

**Continental and Pennsylvania.**

**Philadelphia Mower.**

| LOW WHEEL.   |        | HIGH WHEEL.  |         |
|--------------|--------|--------------|---------|
| 10 inch..... | \$4 50 | 12 inch..... | \$5 00  |
| 14 " .....   | 5 50   | 15 inch..... | \$8 50  |
| 18 " .....   | 7 00   | 16 " .....   | 6 25    |
|              |        | 17 " .....   | 9 50    |
|              |        | 19 inch..    | \$10 50 |
|              |        | 21 " ..      | 11 50   |
|              |        | 10 inch....  | \$4 50  |
|              |        | 12 " ....    | 5 00    |
|              |        | 14 " ....    | 5 50    |
|              |        | 16 inch....  | \$6 00  |
|              |        | 18 " ....    | 6 75    |



**COLDWELL'S HORSE LAWN MOWER.**

This is one of the best and most perfect Horse Lawn Mowers manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each Mower warranted to give complete satisfaction. Low prices (strictly net). 30-inch cut, \$60.00; 35-inch, \$75.00; 40-inch, \$90.00.

**THE BRAUN GRASS CATCHER**

Is the most perfect Grass Catcher on the market, being made with galvanized-iron bottom that will not sag and drag on the ground when fitted; can be adjusted in a moment and dumped quickly. For Low Wheel, 10 in., \$1.15; 12 in., \$1.25; 14 in., \$1.30; 16 in., \$1.40; 18 in., \$1.50. For High Wheel, 15 in., \$1.40; 17 in., \$1.50; 19 in., \$1.60; 21 in., \$1.75. Pony, \$2.00.



**PENNSYLVANIA HORSE LAWN MOWER.**

These famous machines have been sold throughout the country—satisfaction guaranteed. Width of cut, 30 inches. Weight, 320 lbs. It has an open cylinder, and all the bearings, including the knives, are made of solid cast steel. The draft irons are for use either with or without the shafts, to enable the horse to walk on the cut grass.

|                                   |         |
|-----------------------------------|---------|
| <b>SOLID CYLINDER—30 inch.</b>    |         |
| With draft irons only .....       | \$60 00 |
| " " shaft and seat complete ..... | 72 00   |
| <b>OPEN CYLINDER—30 inch.</b>     |         |
| With draft irons only .....       | \$65 00 |
| " " shaft and seat complete ..... | 77 00   |

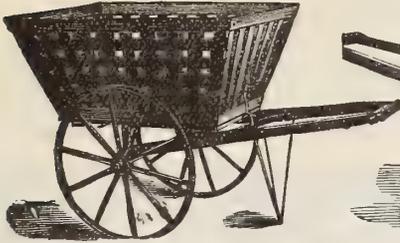
**LAWN MOWER OIL.**

Put up specially. It will not gum. Put up in durable tin cans. Quart, 40 cts.; 1/2 gallon, 60 cts.; gallon, \$1.00.

**HORSE BOOTS.**

For use on lawn. They are made of strong leather, fastened with copper rivets, and will wear a long time.  
Per set of 4 riveted heavy flat soles..... \$8 00  
" " " " round soles..... 8 00

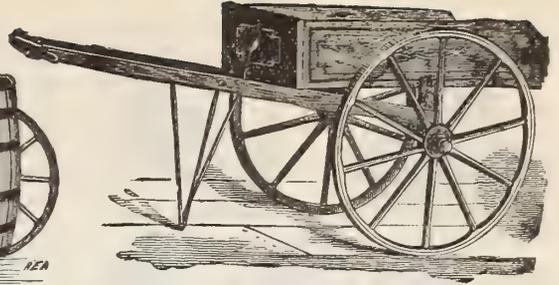
# Water Barrel, Leaf Rack, Cart, Etc.



LEAF RACK, No. 1.



WATER BARREL.



HAND CART.



LEAF RACK, No. 2.

**Truck and Water Barrel.**

|                        |        |
|------------------------|--------|
| With 1½ in. Tires..... | \$7 25 |
| “ 2½ “ “ .....         | 8 00   |
| “ 4 “ “ .....          | 8 75   |

**Truck and Leaf Rack, No. 1.**

|                        |         |
|------------------------|---------|
| With 1½ in. Tires..... | \$ 9 00 |
| “ 2½ “ “ .....         | 9 50    |
| “ 4 “ “ .....          | 10 25   |

**Truck and Leaf Rack, No. 2.**

|                        |        |
|------------------------|--------|
| With 1½ in. Tires..... | \$8 00 |
|------------------------|--------|

**Truck and Hand Cart.**

|                        |        |
|------------------------|--------|
| With 1½ in. Tires..... | \$7 50 |
| “ 2½ “ “ .....         | 8 00   |
| “ 4 “ “ .....          | 8 75   |

**Additional Attachments.**

|                                   |        |
|-----------------------------------|--------|
| Barrel and Trunnions.....         | \$2 25 |
| Trunnions, per pair.....          | 50     |
| Sprinkler for Walks or Lawns..... | 2 50   |
| Force Pumps for Spraying.....     | 6 50   |
| Leaf Rack.....                    | 4 00   |
| Hand Cart.....                    | 2 50   |



FLOWER POTS.



SEED PANS.



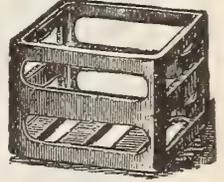
LILY PANS.



SAUCERS.



ROUND ORCHID PANS.



ORCHID BASKETS.

## Earthenware

FLOWER POTS, SAUCERS, ORCHID BASKETS, Etc.

### STANDARD FLOWER POTS.

The pots we offer are *the best*, for the following reasons: We are the largest consumers in the country and have made the test. They are smooth, uniform shapes, porous clay, well baked and tough. There is no breakage. They must not be confounded with blistered irregular shapes of little better than sun-dried material, perhaps cheaper in the beginning, but dearer in the end. They are full inside measurement, which makes them at least one size larger than by the old way of measuring.

| Sizes.     | Dozen.     | 100.       | 1000.      | Sizes.     | Dozen.     | 100.       | 1000.       | Sizes.    | Dozen.      | 100.    |
|------------|------------|------------|------------|------------|------------|------------|-------------|-----------|-------------|---------|
| 1¼ in..... | \$0 08.... | \$0 52.... | \$4 20.... | 3½ in..... | \$0 20.... | \$1 25.... | \$10 20.... | 8 in..... | \$1 68..... | \$10 50 |
| 2 “.....   | 09.....    | 60.....    | 4 80....   | 4 “.....   | 26.....    | 1 65....   | 13 20....   | 9 “.....  | 2 40.....   | 15 00   |
| 2½ “.....  | 10.....    | 68.....    | 5 40....   | 5 “.....   | 48.....    | 3 00....   | 24 00....   | 10 “..... | 3 25.....   | 20 25   |
| 2¾ “.....  | 12.....    | 83.....    | 6 60....   | 6 “.....   | 72.....    | 4 50....   | 36 00....   | 12 “..... | 6 00.....   | 37 50   |
| 3 “.....   | 17.....    | 1 05....   | 8 40....   | 7 “.....   | 1 20....   | 7 50....   |             | 14 “..... | 12 00.....  | 75 00   |

### Earthenware Pot Stands or Saucers.

| Sizes.    | Dozen.  | Sizes.    | Dozen. |
|-----------|---------|-----------|--------|
| 4 in..... | 20 cts. | 9 in..... | \$0 95 |
| 5 “.....  | 25 “    | 10 “..... | 1 20   |
| 6 “.....  | 35 “    | 11 “..... | 1 40   |
| 7 “.....  | 48 “    | 12 “..... | 1 75   |
| 8 “.....  | 72 “    | 14 “..... | 3 00   |

### Round Lily Pans.

| 8 in. diam., | 4 in. deep. | Each.    | Dozen.  |
|--------------|-------------|----------|---------|
| 10 “         | 5 “         | \$0 10.. | \$ 0 90 |
| 12 “         | 6 “         | 15..     | 1 65    |
| 14 “         | 7 “         | 20..     | 2 25    |
| 16 “         | 8 “         | 40..     | 4 40    |
| 18 “         | 9 “         | 85..     | 9 00    |
| 20 “         | 10 “        | 1 28..   | 13 50   |
|              |             | 1 70..   | 18 00   |

### Round Orchid Pans.

| 4 in..... | Each.      | Dozen. |
|-----------|------------|--------|
| 6 in..... | \$0 10.... | \$0 90 |
| 8 “.....  | 20.....    | 1 80   |
| 10 “..... | 30.....    | 2 50   |
| 12 “..... | 40.....    | 3 60   |
| 14 “..... | 50.....    | 4 50   |
| 16 “..... | 75.....    | 6 75   |
|           | 1 25.....  | 11 25  |

### Waterproof Wood Fibre Saucers.

| Each.         | Dozen. | Each.           | Dozen. |
|---------------|--------|-----------------|--------|
| 4 in. 7 cts.. | \$0 70 | 10 in. 10 cts.. | \$1 00 |
| 6 “ 8 “..     | 80     | 12 “ 12 “..     | 1 25   |
| 8 “ 9 “..     | 90     |                 |        |

### Orchid Baskets—Earthenware.

| Square,   | Each.       | Dozen. |
|-----------|-------------|--------|
| 4 in..... | \$0 15..... | \$1 35 |
| 5 “.....  | 20.....     | 1 80   |
| 6 “.....  | 25.....     | 2 25   |
| 7 “.....  | 30.....     | 2 70   |

### Square Orchid Baskets, Wood.

These are made of cedar and heavy copper wire, and indestructible.

| Each.         | Dozen. | Each.          | Dozen. |
|---------------|--------|----------------|--------|
| 6 in. 40 cts. | \$4 50 | 10 in. 60 cts. | \$6 75 |
| 8 “ 50 “..    | 5 50   | 12 “ 75 “..    | 8 00   |

### Square Seed Pans.

| 6 in..... | Each.       | Dozen. |
|-----------|-------------|--------|
| 8 “.....  | \$0 20..... | \$2 25 |
| 10 “..... | 25.....     | 2 70   |
| 12 “..... | 30.....     | 3 15   |
|           | 35.....     | 3 60   |

## IMPROVED WHITE CEDAR TREE TUBS.



Made of white cedar and bound with extra iron hoops. Drop-handles of special pattern, serving as hooks for carry poles. Substantial iron legs of original design. Removable perforated bottoms. Painted green. *If painted*

*vermilion, add 10 per cent.*

### MACHINE MADE.

| No. | Outside Diam. | Length of Stave. | Each.  | Dozen. |
|-----|---------------|------------------|--------|--------|
| 0   | 27 in.        | 24 in.           | \$6 50 |        |
| 1   | 25 “          | 22 “             | 5 50   |        |
| 2   | 23 “          | 20 “             | 4 50   |        |
| 3   | 21 “          | 18 “             | 3 85   |        |
| 4   | 18 “          | 16 “             | 3 25   |        |
| 5   | 16 “          | 14 “             | 2 75   |        |
| 6   | 14 “          | 12 “             | 2 30   |        |
| 7   | 13 “          | 11 “             | 2 10   |        |
| 8   | 12 “          | 10 “             | 1 90   |        |

### HAND MADE.

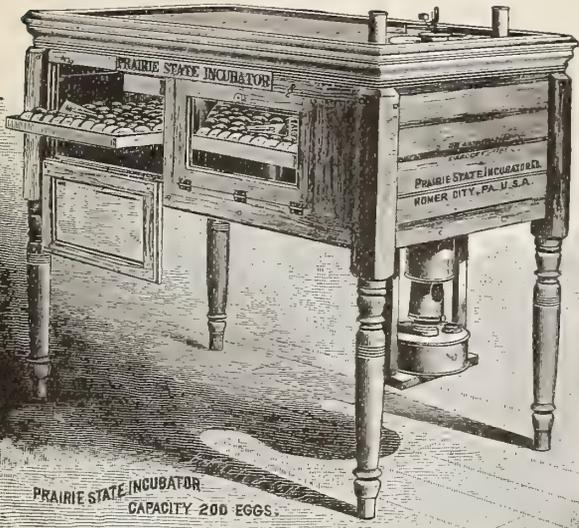
| No. | Outside Diam. | Length of Stave. | Each.  | Dozen. |
|-----|---------------|------------------|--------|--------|
| 0   | 27 in.        | 24 in.           | \$5 00 |        |
| 1   | 25 “          | 22 “             | 4 35   |        |
| 2   | 23 “          | 20 “             | 3 85   |        |
| 3   | 21 “          | 18 “             | 3 15   |        |
| 4   | 19½ “         | 16 “             | 2 50   |        |
| 5   | 18 “          | 14 “             | 2 25   |        |
| 6   | 16½ “         | 13 “             | 2 00   |        |
| 7   | 15 “          | 12 “             | 1 75   |        |
| 8   | 14 “          | 10 “             | 1 50   |        |



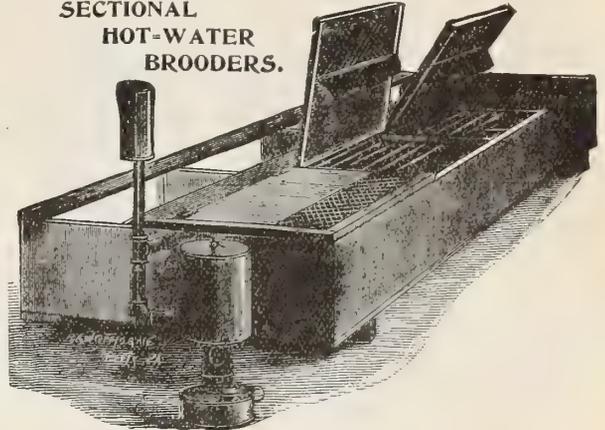
# Prairie State Incubators and Brooders.

Patented July 17th, 1888. Patented October 1st, 1889.

This is the best incubator made, having taken 200 first premiums at leading contests throughout America. It has the most improved self-regulating apparatus, with added improvements for 1898, thereby requiring less personal attention. All kinds of eggs can be hatched equally well—hen, duck, turkey, etc. Natural or artificial gas may be used in place of oil, without trouble in making the change. The Brooders are the most improved and simplest in construction. Each machine is supplied with complete directions for operating.

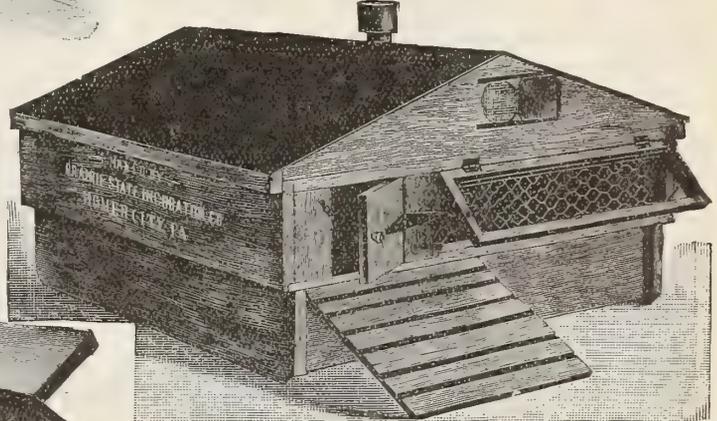


## SECTIONAL HOT-WATER BROODERS.



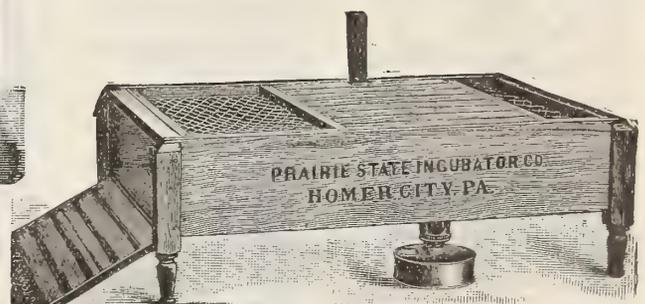
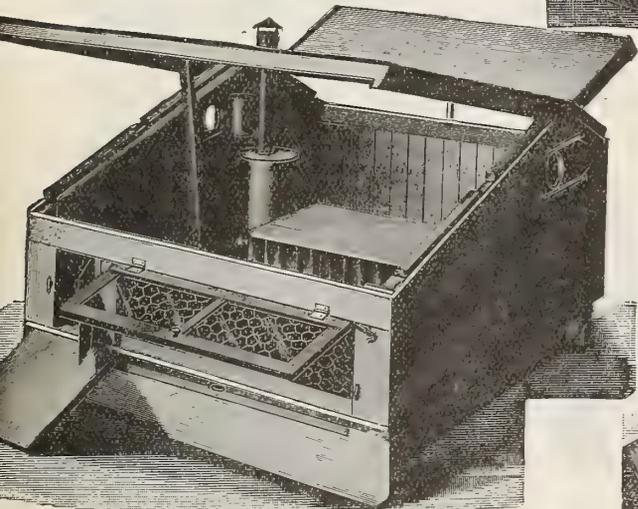
|                                       |         |
|---------------------------------------|---------|
| One section, capacity 100 chicks..... | \$12 60 |
| Two " " " 200 " .....                 | 17 10   |
| Three " " " 300 " .....               | 21 60   |
| Four " " " 400 " .....                | 26 10   |

|         |                               |         |
|---------|-------------------------------|---------|
| No. 0   | Incubator, capacity, 50 eggs, | \$15 00 |
| No. 1   | " " " 100 "                   | 20 00   |
| No. 2   | " " " 200 "                   | 32 00   |
| No. 3   | " " " 300 "                   | 44 80   |
| No. 4   | " double " 400 "              | 56 00   |
| No. 5   | " " " 520 "                   | 64 00   |
| No. 288 | { " " " } 288 " }             | 49 60   |



**New Prairie State Outdoor Brooder.**  
Capacity, 100 to 150 Chicks.

**New Top-heat Hot-air Out-door Brooder, capacity 100 chicks.** Has all the convenience of the Hot-water Brooder. Price, \$12.00.



**New Top-heat Hot-air Indoor Brooder, the simplest and cheapest on the market.** An ideal indoor Brooder; has air-channels under heating chamber, insuring thorough ventilation; it is secured from the invasion of rats or cats. Price, \$7.00.

This is the most durable and complete Brooder on the market. Heated by hot water and hot air. Galvanized iron roof. It is rain-proof, rat-proof and storm-proof. Can be moved from place to place on its sled-like runners. Can be used in all weathers. Price, \$20.00.

Incubator Thermometer, tested Wood, 50 cts.; Metal, 75 cts.; 10 cts. extra for mailing each. Hygrometers, moisture gauge, \$1.75; by mail \$1.85. Burners for No. 1 Incubator Lamp, 25 cts. postpaid; for Nos. 2 and 3 Lamps, 35 cts. postpaid. Lamps for No. 1 Incubators, 65 cts.; for No. 2, 75 cts. Extra Trays for Incubators, 40 cts. each.

Illustrated Catalogue of Incubators, Brooders and Poultry-house Heating mailed on application; also Circulars of Poultry Supplies.

## INSECTICIDES.

\* Prices on large quantities on application.

**Ant Exterminator.** For the destruction of Ants in house, lawns and pleasure grounds. Directions on each package. Three sizes: 25 cts., 50 cts. and \$1.00 per package.

**Roach Exterminator.** A positive remedy for all kinds of Roaches and Water Bugs. 2 sizes, 15 and 25 cts.

**Pinner's Tobacco Soap.** A convenient and potent specific for destroying insects, parasites and their eggs, infesting plants or animals. Per lb. 40 cts.; postpaid 55 cts.

**Rose Sulpho-Tobacco Soap.** A valuable insecticide for Plants, Trees, Sheep, Cattle Dogs, Horses, Poultry and domestic use. Dissolve 2 oz. in one gallon of water.  $\frac{1}{4}$  lb. tins 25 cts.; postpaid 33 cts.; 10 lb. boxes, 30 cts. per lb.

**Tobacco Dust.** A sure remedy for Green Fly. 1 lb. 10 cts.; 5 lb. package 25 cts.; 100 lbs. \$3.50.

**\*Tobacco Stems,** for fumigating and for covering lawns in winter. Per bbl. 75 cts.; in bales of about 250 lbs. \$2.00.

**Whale Oil Soap.** In 1, 2 and 5 lb. boxes, with directions, 20, 35 and 50 cts. Bulk, 10 lbs. 85 cts.; 100 lbs. \$7.00.

**\*Persian Insect Powder.** For destroying Roaches, Ants, Fleas and all other noxious insects. Per lb. 50 cts.

**Carbolic Acid Soap.** Kills and drives away all insects that infest animals and plants. With directions. Per cake 5 cts.; by mail 10 cts.

**Flowers of Sulphur.** A preventive and cure for Mildew on Grape Vines, Roses, etc. Per lb. 10 cts.; 5 lbs. 40 cts.; 10 lbs. 60 cts.; 100 lbs. \$5.00.

**\*Pure Paris Green.** For destroying potato bugs and other insects. Directions for use with each package. 25 cts. per lb.; by mail 40 cts.

**\*London Purple.** One of the best insecticides for spraying trees, etc. Full directions on each package. Lb. 20 cts.; postpaid 35 cts.; 10 lbs. \$1.75.

**Hammond's Slug-Shot.** One of the cheapest and best powders for destroying insects. 5 lbs. 25 cts.; 10 lbs. 50 cts. Bags 100 lbs. \$4.25. Bbls. of 235 lbs. \$8.50. Tin canisters with perforated tops 25 cts.; by mail 40 cts. 1 lb. cartons 15 cts.; by mail 30 cts.

**Rose Leaf Extract of Tobacco.** A positive remedy for insects in greenhouses and conservatories. A very strong nicotine solution. Used in various ways—evaporating pans, painting pipes, or by syringing. Try it. Directions on packages. Price, pint 30 cts.; qt. 50 cts.; 1 gallon \$1.50; 5 gallons \$5.00.

**Grape Dust.** For destroying Mildew on Grape Vines, Roses, etc. Also used on plants or trees affected with Mould, Mildew or Rust Mites, either in greenhouse or the open air. Apply at the first appearance of trouble. Dust on a warm, dry day. 5 lb. package 30 cts.; 100 lb. keg \$5.00.

**Gishurst's Compound.** Used for preventing and destroying Green Fly, Mildew, Thrip, Mealy Bug and Scale. Box 50 cts.; by mail 65 cts.; 3 lb. box \$1.00.

**\*Hellebore, Powdered White.** For all insects. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Price 25 cts. per lb.; or by mail 40 cts.; 5 lbs. \$1.00.

**Little's Antipest.** For Scale, Woolly Aphis and all insect pests. It may be freely used in the conservatory, garden and greenhouse as in the orchard or vineyard. It is non-poisonous and harmless to vegetation when diluted and used according to directions. 1 qt. can 75 cts.;  $\frac{1}{2}$  gal. can \$1.50; 1 gal. can \$2.50; 5 gal. can \$10.00.

**Soluble Fir Tree Oil.** For destroying insects and parasites. Full directions with each can.  $\frac{1}{2}$  pt. 50 cts.; pt. 75 cts.; qt. \$1.50;  $\frac{1}{2}$  gal. \$2.75; gal. \$5.00. Cannot be sent by mail.

**Lemon Oil.** A sweet-smelling, milk-white, soapy wash, perfectly safe and harmless to the tenderest foliage and roots. It destroys Mealy Bug, Scale, Thrip, Red Spider, Black and Green Fly, Caterpillar, etc. Directions on can.  $\frac{1}{2}$  pt. 25 cts.; pt. 40 cts.; qt. 75 cts.;  $\frac{1}{2}$  gal. \$1.25; 1 gal. \$2.00; 5 gals. \$9.00.

**Powell's Kerosene Emulsion** (a paste), ready for use by simply adding water. 1 lb. can, price 15 cts., makes 10 gallons spray; 5 lb. can, price 60 cts., makes 50 gallons spray; 25 lb. can, price \$2.50, makes 250 gallons spray. An insecticide for Plant Lice, Rose Bugs, Cabbage Bugs, Melon Insects, Fowl and Animal Lice, Caterpillars, Tobacco Flies, Red Spiders, Green Fly and all sucking Insects.

**Bordeaux Mixture (Liquid).** This mixture is a scientific preparation and combined in a manner heretofore unknown, as by simply adding water and stirring it is ready for use. 1 gal. \$1.00, will make 1 bbl. liquid; 1 qt. 40 cts., will make 15 gals. liquid.

**Powell's Improved Bordeaux Mixture.** For Rot, Mildew of Grapes, Potato Rot, Leaf Blight and Fungous diseases. Ready for use by simply adding water. 1 lb. box, price 15 cts., makes 5 gallons spray; 5 lb. box, price 60 cts., makes 25 gallons spray; 10 lb. box, price \$1.00, makes 50 gallons spray; 25 lb. box, price \$2.50, makes 125 gallons spray; 300 lb. bbl., price \$24.00, makes 1500 gallons spray. Send for directions.

**Filler Catter.** For preventing insects creeping up trees; easily applied. Per yd. 15 cts.

**Eureka Weed Killer.** Excellent for clearing gravel paths, drives and gutters of weeds, moss, etc. One dressing will keep the paths or drives bright and clear through the summer; a great labor saver. 1 tin makes 25 gallons of effective liquid, sufficient to dress 100 yards of paths or drives. Price \$1.50 per tin.

## IMPLEMENTS FOR APPLYING INSECTICIDES.



**Single Cone Bellows.** \$1.00 and \$1.75.

**Double Cone Bellows.** \$2.75.

**Spraying Bellows.** \$1.00 and \$1.75.

**Special Sulphur Bellows.** \$1.50.

**Leggett's Powder Guns.** Champion, \$7.50; Standard, \$5.00; Small hand powder gun, 10 cts.

### SPRAY PUMP.

These are very powerful. Can be arranged for two outlets of hose, and attached to top of barrel or on the side and set in a wagon or cart.

Pump complete with air-chamber. (Air-chamber not shown in cut.) \$7.50.

Pump, Barrel and Truck Frame complete, \$15.00.



### KNAPSACK SPRAYERS.

The only way to have healthy nursery stock, sound plants, and perfect fruits and vegetables is to protect them with the right fungicides and insecticides at the proper time.

**For Applying Bordeaux Mixture and all Liquid Insect Destroyers.**

**Excelsior** (copper), holds 4 gallons, \$12.00.

**Myers'** (copper), holds 4 gallons, \$10.00.



### PARIS GREEN, SLUG-SHOT AND PLASTER DUSTERS.

An effectual and cheap duster for dry powders. With handle as figured, either fine or coarse mesh. 15 cts. each.

With side handle for using with pole,

10 cts. each.



# FERTILIZERS.

We keep but one grade of Fertilizers and that the highest. Procuring our supplies from honorable houses, we are confident that our customers will receive full value.

**Pure Ground Bone.** Excellent for restoring and quickening grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs. 25 cts.; 25 lbs. 75 cts.; 50 lbs. \$1.25; 100 lbs. \$2.00; sack of 200 lbs. \$3.50; per ton \$30.00.



**Pure Bone Meal.** Better than Ground Bone for mixing with potting soil for giving immediate effect. 3 lbs. 15 cts.; 5 lbs. 25 cts.; 25 lbs. 75 cts.; 50 lbs. \$1.25; 100 lbs. \$2.00; 200 lb. sack \$3.50; per ton \$30.00.

**Coarse Bone.** Ground coarse, for grape borders and poultry. 5 lbs. 25 cts.; 50 lbs. \$1.25; 100 lbs. \$2.25; 200 lb. bag \$4.00; per ton \$35.00.

**Pure Bone Flour.** Ground perfectly fine; an excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs. 25 cts.; 100 lbs. \$3.00; bbl. of 200 lbs. \$5.00; ton \$45.00.

**Dreer's Ammoniated Bone Phosphate.** This is the leading Ammoniated Phosphate. A perfectly pure and high-grade article, and the best for general purposes. 5 lbs. 20 cts.; 100 lbs. \$2.00; 200 lb. bag \$3.25; ton \$28.00.

**Potato, Corn and Truck Guano.** Contains actual Potash, 6 to 8 per cent; Ammonia, 1½ to 2½ per cent; Available Phos. Acid, 6 to 8 per cent.

This brand, in addition to its being made from the best materials obtainable, contains as a filler ground tobacco stems, which is one of the very best articles ever used in a fertilizer to prevent scabs on potatoes and cut worms in corn ground. Pamphlet containing full information upon application. Price: 25 lbs. 75 cts.; 100 lbs. \$2.00; sack 200 lbs. \$3.50; ton \$30.00.

**Bowker's Lawn and Garden Dressing.** This dressing is prepared so that it acts gradually through the season. It may be applied at any time during the spring, summer or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by drought. 10 lb. bag 50 cts.; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00.

**Bowker's Ammoniated Food for Flowers.** Made especially for plants grown in the conservatory, house or garden; clean, free from offensive odor. Full directions with each package. Packages, 15 and 25 cts.; by mail, 25 and 40 cts.; 5 lbs. 50 cts.

**Pulverized Sheep Manure.** This is a pure natural manure and the most nutritious food for plants—one of the best manures to mix with soil for potting plants—one part manure to six parts soil. For vegetable garden, placed directly in hills or drills, it promotes a rapid, steady growth until maturity. As a lawn top-dressing it is unequalled. 5 lb. package, 25 cts.; 10 lbs. 40 cts.; 50 lbs. \$1.50; 100 lbs. \$2.50.

**Nitrate of Soda.** A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 300 lbs. per acre should be sown mixed with wood-ashes or land-plaster. Will be shipped only in double bags. 5 lbs. 25 cts.; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$3.50; 300 lbs. \$9.00.

**Tobacco Stems.** This has become an indispensable lawn covering for winter. It not only acts as a protector but imparts large quantities of ammonia, and drives away insects and moles, which harbor in a lawn during winter. Bbl. 75 cts.; bale of about 250 lbs. \$2.00.

**Cotton-seed Meal.** Used quite largely as a fertilizing ingredient. Contains about 8 per cent, ammonia, 2½ per cent, phos. acid, 1¾ per cent, potash. Excellent as a lawn dressing. It is one of the cheapest fertilizing ingredients, odorless and clean. 100 lb. sacks, \$3.00 per sack; \$25.00 per ton. Special prices for carload lots.

**Canada Hard-wood Ashes.** Indispensable as a lawn dressing, or to apply to orchards. They should be applied late in fall or early in spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for immediate use. Apply at the



rate of 1000 to 1500 lbs. per acre. 50 lbs. \$1.00; per bbl. \$2.50; ton \$18.00.

**Clay's Fertilizer.** This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 28 lbs. \$2.00; 56 lbs. \$3.50; 112 lbs. \$6.50.

**Peruvian Guano (Lobos).** Four per cent. ammonia. The quantity used per acre is 300 to 400 lbs.; before using, mix with loam or plaster. It should not be mixed with lime, ashes, muck or clay; nor should it come in contact with growing plants when used in a dry state. 1½ lb. box 10 cts.; 3 lb. box 20 cts.; 5 lbs. in a bag 35 cts.; per 100 lbs. \$3.00; per sack of about 167 lbs. \$5.00; per ton \$45.00.

**Land Plaster.** Excellent for composting, fertilizing or mixing with guano. 100 lb. bag \$1.00; barrel \$1.50; per ton \$10.00.

**Agricultural Salt.** For top-dressing asparagus beds. Apply very early in spring at the rate of 800 to 1000 lbs. per acre. 200 lbs. \$1.50; per ton \$10.00.

**Kainit.** One of the most useful ingredients for making "Commercial" fertilizers or using alone. Apply at the rate of 1000 lbs. per acre. If used on lawns it should be spread during winter. 100 lbs. \$1.25; 200 lbs. \$2.00; per ton \$16.00.

**Peerless Flower Food.** An excellent food for pot plants in house or conservatory. Full directions with each package. 25 cts.; by mail 40 cts.

**Excelsior Flower Food.** Just the thing for pot plants. Full directions on each package. 10 cts. per package; 15 cts. postpaid; \$1.00 per doz. by express.

**Jadoo Vegetable Fibre.** A new growing substance for all kinds of plants, used same as soil for potting or shifting plants, or for sowing seed. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. \$1.10; bag, 130 lbs., 3 cts. per lb.

**Jadoo Liquid.** For watering and fertilizing plants potted in Jadoo or soil. 1 gallon makes 48 gallons of strength. Pint bottle 25 cts.; 2 gall. can \$1.50; 5 gall. can \$3.75; 10 gall. can \$7.50.

## MAPES' CELEBRATED FERTILIZERS.

|  | For bag of 200 lbs. | Per ton of 2000 lbs. |
|--|---------------------|----------------------|
| Potato manure.....                       | \$4 50              | \$39 00              |
| Corn ".....                              | 4 25                | 36 00                |
| Cabbage and cauliflower manure.....      | 4 25                | 38 00                |
| Fruit and vine ".....                    | 4 25                | 39 00                |
| Orange and fruit tree ".....             | 4 25                | 37 00                |
| Grass and grain spring top-dressing..... | 4 25                | 40 00                |
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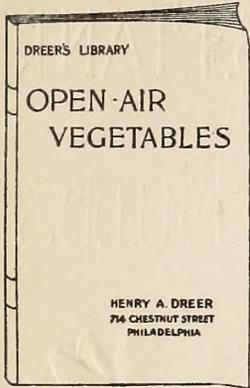
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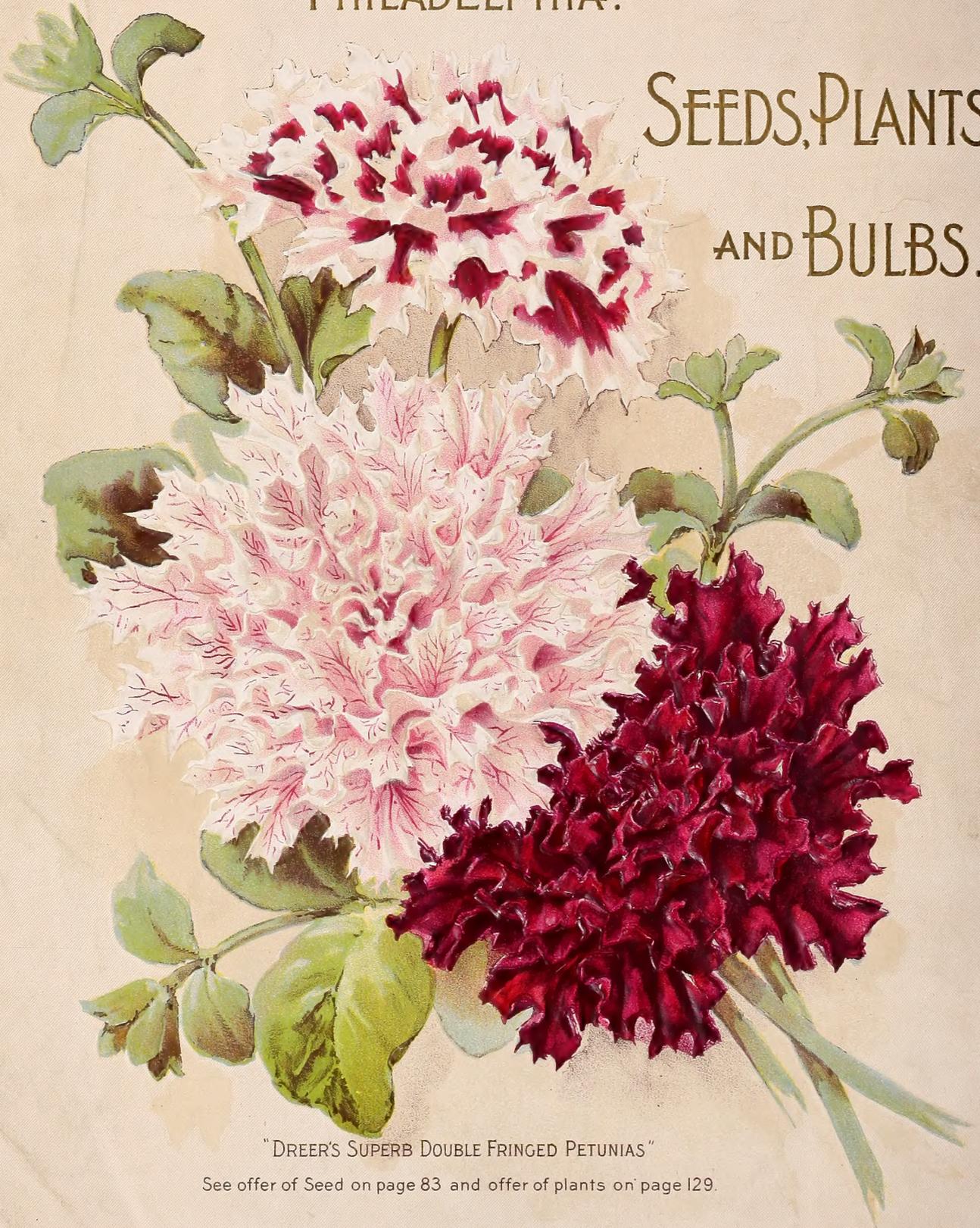
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