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HIGH GRADE
VEGETABLE AND FLOWER

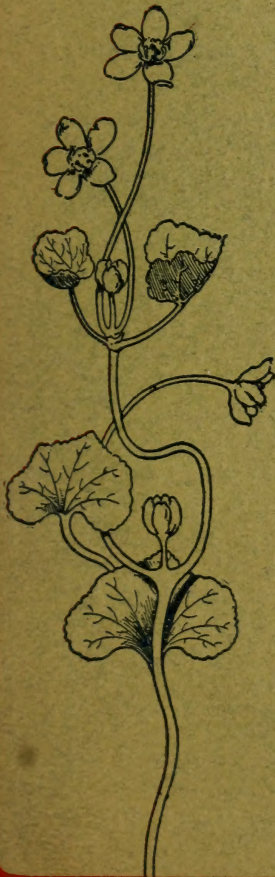
SEEDS

BULBS, PLANTS
AND IMPLEMENTS



STUMPP &
WALTER CO.

50 BARCLAY STREET
404 EAST 34th STREET
NEW YORK



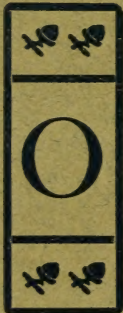
...1902...

**STUMPP &
WALTER
COMPANY**

**50 Barclay
S T R E E T
404 East 34th
S T R E E T**

JULIAN H. WALTER, Pres.
GEORGE G. STUMPP, Treas.
HENRY EICKE, Secy.

NEW YORK



OUR list of seeds comprises all the standard varieties, together with those apparently most valuable of recent introduction. The seeds we offer have been raised under the supervision of our most reliable growers, and are unsurpassed in quality; but as practical experience has demonstrated that owing to unfavorable weather and improper treatment the best of seeds may fail, we desire it distinctly understood that for these reasons only *we do not warrant seed.*

Vegetable or Flower Seeds ordered by the packet will be sent carriage paid. Postage must be added to all seeds in bulk at the rate of 8 cents per pound. Peas, Beans and Corn, 15 cents per quart.

Remittances should be made by Draft on Bank, Post Office Order, Registered Letter or Express Money Order. Small sums may be sent in Postage Stamps of small denominations. Particular care is essential in having Name, Post Office, County and State distinctly written. We are in receipt of many orders deficient in these important particulars, often causing a delay of weeks in executing them, to the great inconvenience of both parties.

Please take notice that we have opened a branch store at **404 East 34th Street**, near the Long Island Ferry, making it convenient for our Long Island friends and patrons to leave their orders at said store, where they will be given the same prompt and careful attention as is practiced in our down-town store.

Asking a fair examination of this Catalogue and soliciting your future orders, we remain, with thanks for past favors,

Very respectfully,

STUMPP & WALTER CO.

IMPORTANT TO PURCHASERS.

All Vegetable and Flower Seeds will be delivered **FREE** by mail or express, when ordered by the packet.
On all Orders for VEGETABLE SEEDS, FLOWER SEEDS, or BULBS, Customers may Select ANY ARTICLE From This Catalogue as a

PREMIUM

to values given on orders of the following amounts :

Select Premium to Value			Select Premium to Value			Select Premium to Value		
On	\$1.00	ORDER \$0.10 extra.	On	\$11.00	ORDER \$1.75 extra.	On	\$21.00	ORDER \$3.75 extra.
On	2.00	" 25 "	On	12.00	" 2.00 "	On	22.00	" 4.00 "
On	3.00	" 45 "	On	13.00	" 2.15 "	On	23.00	" 4.15 "
On	4.00	" 60 "	On	14.00	" 2.30 "	On	24.00	" 4.30 "
On	5.00	" 75 "	On	15.00	" 2.50 "	On	25.00	" 4.50 "
On	6.00	" 90 "	On	16.00	" 2.65 "	On	30.00	" 5.50 "
On	7.00	" 1.05 "	On	17.00	" 2.85 "	On	35.00	" 6.50 "
On	8.00	" 1.20 "	On	18.00	" 3.00 "	On	40.00	" 7.65 "
On	9.00	" 1.35 "	On	19.00	" 3.25 "	On	45.00	" 8.75 "
On	10.00	" 1.50 "	On	20.00	" 3.50 "	On	50.00	" 10.00 "

The above Premiums are not allowed on **Flower Seed Collections, Lawn Grass Seed, Potatoes, Plants, Fertilizers, Tools, Implements or Insecticides.** Please select your **Premium**, when sending in your order.

GENERAL DIRECTIONS.

The Cultivation of Vegetables. To secure a good crop of vegetables, three things at least are necessary—viz., a suitable soil, pure seed, and clean culture; to which may be added as equally necessary an *abundant* supply of good barnyard manure, supplemented, when this runs short, by artificial fertilizers. The soil should be naturally rich and friable, a sandy loam being among the best. If the soil be stiff, it should be gradually mellowed by the free use of barnyard manure, or, if convenient, by the addition of sand. If wet, or inclined to hold an excess of moisture, it should be under-drained, preferably by tile; but, if possible, a location should be selected naturally dry and free from surface water.

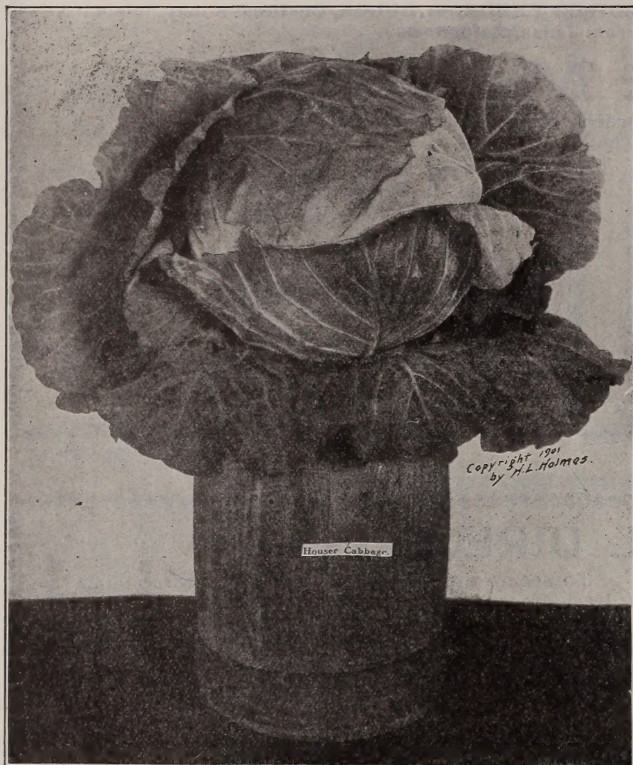
A **dark-colored soil**, or one supplied with a goodly portion of decayed vegetable matter, will produce the earliest crops. A sandy soil may be greatly improved by adding more or less vegetable mold from the woods. To produce the best and most uniform results, the vegetable garden should have at least one foot of good rich soil. To kill the weeds and keep the soil mellow the ground should be hoed frequently, and the proper time to hoe is just when the weeds appear above ground.

For other directions see body of catalogue, given with the various cultural instructions.

For Making a Hotbed.

In the vicinity of New York, from the first to the middle of March is quite early enough to make a hotbed, and even a little later will do well enough. Provide a quantity of fresh horse manure from the stables, and add to this, if they can be had, one-third to one-half of its bulk of leaves. Mix them thoroughly, trampling down the mass in successive layers, and form into a large pile, so that fermentation will proceed even in severely cold weather. In two or three days fermentation will be apparent by the escape of steam from the heap. Now turn again, and allow the heap to remain two or three days longer, or until the second fermentation commences. Make an excavation or pit 2½ feet deep, and of a size suited to the number of plants required. The pit will be better if built up of brick. It should be made in some dry, sheltered spot, facing the south or east if possible. Hotbed sashes are usually 6x3 feet, and one or two sashes will generally give early plants enough for a small family. The frame for sashes should be 18 inches high at the back and 12 inches in front, which will give the proper slope to catch the sunlight. Cross-pieces should be placed for the sashes to slide on, to facilitate opening and shutting the frames. When everything is ready, the manure is placed in the pit and trodden down firmly in layers to the required depth, 2 to 2½ feet. Then put on the sashes, and keep the pit closed until the heat rises. At first it will probably be 100° or more, which is too hot to sow the seed in; but in two or three days it will subside to 90° or a little less, when the soil may be put on to the depth of 6 to 8 inches. The heat may be readily ascertained by plunging a thermometer in the manure. The soil should be of well-rotted sod (or common garden soil, will do), mixed with about a third of fine, old manure, and in this the seeds may be sown thinly in drills 2 to 3 inches apart, and afterward (as soon as out of the seed-leaf) either thinned out or else transplanted to another frame. Air must be given every mild day by raising the sashes at the back. Water with tepid water whenever necessary, and during cold nights and snowstorms keep covered with straw mats or board shutters. Tomatoes, Peppers and Egg Plants should be sown in a separate frame from the Cabbage, Cauliflower and Lettuce, as they require more heat than the latter. The same directions may apply to hotbeds made on the surface of the ground, except that the manure should be at least a foot wider on all sides than the frame.

Novelties and Specialties in Vegetable Seed.



The Houser Cabbage.

THE HOUSER CABBAGE.

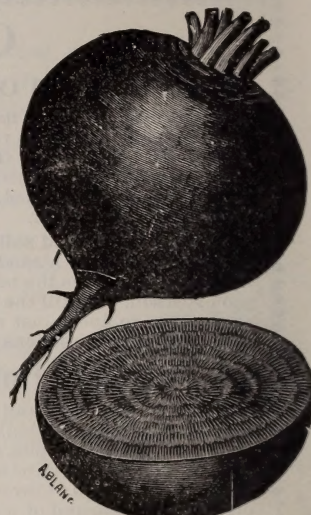
A New and Entirely Distinct Round Late Cabbage, the Largest, Hardest-Heading Fine-Grained Cabbage Known.

This variety is entirely distinct from anything now on the market. The heads are large, weighing on an average 10 to 12 pounds. They grow very compact and free from spreading leaves, and in solidity cannot be excelled even by the Danish Ball Head. Heads measuring 36 inches in circumference had hearts measuring only 2 inches.

Per pkt., 10c.; per oz., 60c.;
per $\frac{1}{4}$ lb., \$2.00.

New Dark Crimson Beet CRIMSON GLOBE.

In this variety we have more good qualities than were ever before combined in one Beet. It is perfectly round. The leaves are small and compact and set very close to the center. It combines the maximum of edible bulb with the minimum of



New Dark Crimson Beet,
Crimson Globe.

EMPEROR WILLIAM.

NEW
LETTUCE

This splendid new variety of Cabbage Lettuce forms firm heads of a light yellow color, with brownish spots and very curly leaves. It stands the summer heat remarkably well and commends itself particularly to amateurs, owing to its crisp, tender quality.

Per Pkt.,
10c.



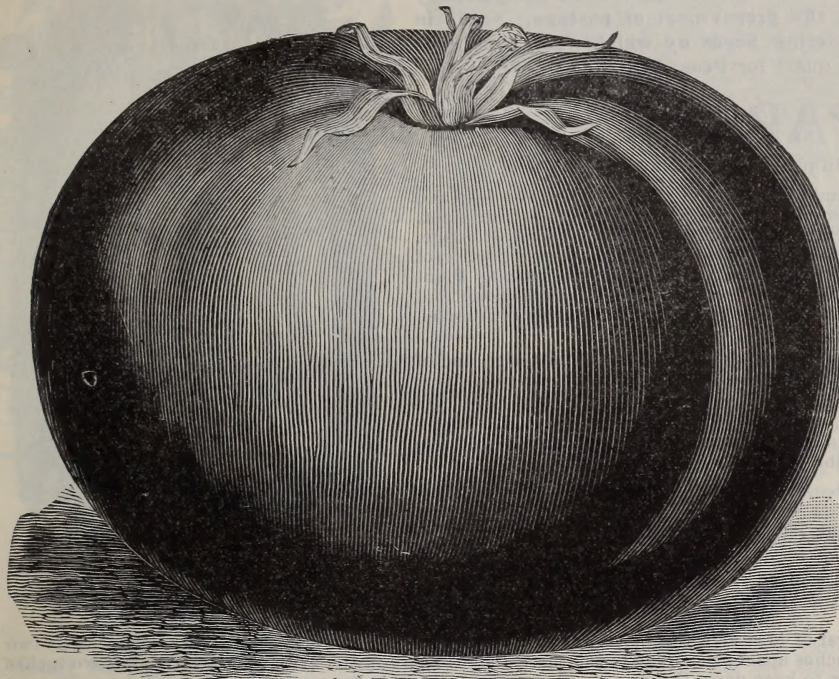
New Lettuce Emperor William.

root and foliage. The color of the skin as well as the flesh is a very dark crimson. It is very early, coming in with Extra Early Egyptian; is extremely tender and free from woody fiber or tough stringiness; but it is when prepared for the table that its fine qualities become most apparent, the fine rich color making it conspicuous.

Per pkt., 5c.; per oz.,
10c.; per $\frac{1}{4}$ lb., 20c.

Crimson Cushion Tomato.

The Earliest Large Tomato. Almost Seedless. Solid as Beefsteak. As Smooth as an Apple. Very Large.



Crimson Cushion Tomato.

The "Crimson Cushion" is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to "blossom end"; in fact, so marked is this characteristic that it is frequently almost round. The Color is brilliant scarlet-crimson, untinged with purple, and ripens up almost completely to the stem. The "Crimson Cushion," is almost seedless, requiring from 10 to 12 bushels of ripe fruit to produce one pound of seed, whereas a pound of seed is realized from 3 bushels of ordinary Tomatoes. These figures tell better than any description the "seedless" character of this grand variety. The flesh is firm and "meaty," and of superb quality. It is enormously prolific and early for so large a Tomato. Per, pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

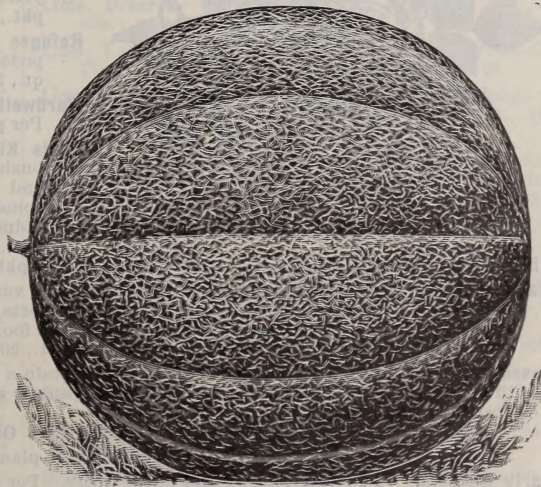
The Most Desirable
Sort for
The Home Garden.

GRADUS

Large Podded and
of
Splendid Quality.

THE NEW EXTRA EARLY WRINKLED PEA.

The vine of this most distinct sort is like that of First and Best, except that it grows a little taller and produces peas fit for use a few days later. The immense pods are as large as those of the Telephone, uniformly well shaped and handsome, and more attractive than those of other first earlies. They ripen slowly and continue fit for use much longer than most varieties, making this by far the most desirable sort for the home garden. The peas are very large, of splendid quality and beautiful color, which they retain after cooking. Per pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$3.25.



Tip-Top Muskmelon.

Tip-Top Muskmelon.

The most productive melon known; good for early or late, having a sweet, juicy, fine flavor; solid flesh (but not hard) and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.

High-Grade Vegetable Seeds.

Please notice that the Prices herein quoted are exceptionally low and do not include the prepayment of postage. Seeds in pkts. mailed free. In ordering Seeds by weight, add 8 cts. per lb. for postage; 15c. per quart for Peas, Beans and Corn.

ASPARAGUS.

One ounce will plant about 50 feet of drill.

Culture.—Sow in November or March in drills two inches deep and fourteen inches apart. After one year the roots will be fit to transplant. The principal points to be attended to in planting are good drainage, trenching the ground three feet in depth, mixing in a heavy portion of rotten manure, also adding a good portion of sea or river sand. Plant out in spring, in beds three or four feet in width, each plant one foot apart. Fork over the surface of the beds in fall, and cover with rotten manure.

Conover's Colossal. A mammoth green sort of the largest size and of good quality. The best of the old kinds. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Columbian Mammoth White. A sport from Conover's Colossal. It produces pure white shoots and requires no artificial blanching. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.

Palmetto of Southern Origin. A very desirable bright green Asparagus. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.

Two-year-old roots. Per 100, 75c.; per 1000, \$6.00.



Columbian Mammoth White.

BEANS.

One quart will plant 100 feet of drill.

Culture.—About the first of May select a warm, dry, sheltered spot, dig and manure slightly, make drills two inches deep and eighteen inches apart; place the beans three inches apart in the drills and cover about two inches deep; use the hoe frequently to keep down the weeds. Sow every two weeks for a succession.

DWARF WAX, PODDED VARIETIES.

Improved Black Wax. Very early and productive. Per pkt., 10c.; pt., 15c.; qt., 30c.; pk., \$1.50.

Improved Golden Wax. Very early, round golden pods. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.50.

Black-Eyed Wax. Exceedingly hardy and productive, with flat yellow pods; early and exceptionally free from rust. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

Refugee Wax. Earliest of all the wax beans, with long yellow pods; wonderfully productive. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.50.

Wardwell Kidney Wax. Extra early, long flat purely wax pods. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.50.

Davis Kidney Wax. This is the most hardy and productive bush, wax podded bean in cultivation. The vine is rustless and very vigorous, bearing near the center many clusters, some of which extend above the foliage. The dry beans are kidney-shaped, clear white, and excellent for baking. Per pkt., 10c.; pt., 20c.; qt., 30c.

White Wax. Stringless yellow pods, very tender. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

Flageolet Wax. This is really one of the most valuable varieties for either private or market garden purposes. It is as early as either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is nearly always exempt from rust. The pods are often a foot in length, exceedingly succulent and tender. It is an enormously productive variety. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$1.50.

Yosemite. Mammoth Wax. The pods frequently attain a length of 10 inches, with the thickness of a man's finger; the pods are of a rich golden color and are absolutely stringless, cooking tender and delicious. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

ENGLISH OR BROAD.

One quart will plant 100 feet of drill.

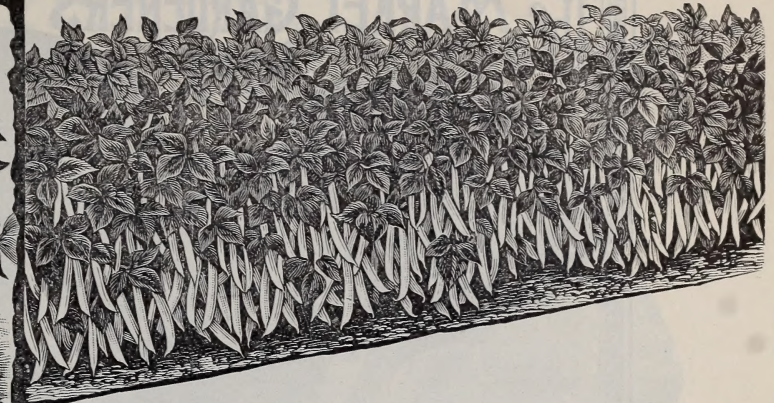
Early Mazagan. Very early, hardy and bears freely. Per pkt., 10c.; qt., 25c.

Broad Windsor. The largest variety grown; very tender and delicious. Per pkt., 10c.; qt., 30c.



Dwarf Bean.

DWARF GREEN PODDED BEANS.



Burpee's Stringless. The only stringless green pod bush bean in cultivation, consequently it surpasses all others in crisp, tender flavor. The finely shaped, long green pods are absolutely stringless; and when we add that the pods are ready to market two weeks earlier than the best stock of improved Extra Early Red Valentine, we are sure that Stringless Green Pod will supply a long-felt want. Pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.50.

Dwarf Horticultural. Late and productive. Per pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.50.

Refugee. Medium to late, very productive and tender, and largely grown for main crop; round pods. Per pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.25.

Black Valentine. This variety possesses all the good qualities of the old favorite Red Valentine, besides other points, making it very valuable. Per pkt., 10c.; pt., 20c.; qt., 30c.

Early Mohawk. Very early, and very productive. Per pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.00.

Early Long Yellow Six Weeks. Very early, flat pods. Per pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.25.

Improved Red Valentine. Round green pods, early and tender. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.25.

Refugee Extra Early. This sort has the qualities of the famous late variety of the same name, but is considerably earlier in podding. Per pkt., 10c.; pt., 20c.; qt., 25c.; pk., \$1.25.

Refugee Golden. Has round pods of light green color, of strong growth and very productive; one of the best. Per pkt., 10c.; pt., 20c.; qt., 25c.; pk., \$1.25.

POLE, OR RUNNING BEANS.

One quart will plant 100 hills.

Old Homestead. Enormously productive, the pods hanging in great clusters from top to bottom of the pole. It is entirely stringless, and the pods are a silvery-green color. Per pkt., 10c.; pt., 25c.; qt., 35c.

Golden Champion. This is certain to be the leading Early Wax Pole Bean, as it is fully two weeks earlier than the Golden Cluster Wax Pole. Per pkt., 10c.; pt., 25c.; qt., 40c.

Early Golden Cluster Wax. Begins to bear early in July and continues until frost. The pods are six to eight inches long, are most freely produced, and are

of a beautiful golden-yellow; the flavor is most delicious. Per pkt., 10c.; pt., 25c.; qt., 35c.; pk., \$2.25.

Lazy Wife's. The very best late green podded pole bean. The pods are of a medium dark green color, broad, thick, very fleshy, and entirely stringless. Per pkt., 10c.; pt., 25c.; qt., 35c.; pk., \$2.25.

German Black Wax. Fine snap bean, yellow pods. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

Horticultural, or Speckled Cranberry. Pods are tender and of fine quality. Per pkt., 10c.; pt., 20c.; qt., 30c.

Scarlet Runner. Bright scarlet flowers. Used both as a string and shelled bean. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.

White Marrow. The variety so extensively grown for sale in the dry state. Per pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.00; bush, \$3.50.

Large White Kidney. Excellent as a shell bean. Per pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.00; bush, \$3.50.

White Dutch Runner. Per pkt., 10c.; pt., 20c.; qt., 30c.

LIMA BEANS (Pole).

Lima Challenger. Early and very productive. Quality the best. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

Lima, Dreer's. Very productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

Lima, Early Jersey. Medium early, very productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

Lima, King of the Garden. The pods are very long, and the green beans are extra large. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

Lima, Large white. Large, greenish-white beans, of finest flavor, shelled green, and also good dried for winter use. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.

BUSH LIMA.

One quart will plant 100 feet of drill.

Plant in light, rich soil, in drills two feet apart, dropping the seeds about one foot apart in a row, and cover two inches.

Henderson's Bush Lima. Early and very productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

Burpee's Bush Lima. A bush form of the large Pole Lima, the beans being large and flat like those of that variety. Very productive and of excellent quality. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.25.

Dreer's Bush Lima. The bush form of Dreer's Improved Lima, the beans growing close together in the pods. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.



BEET.

One ounce will sow 100 feet of drill. **Culture.**—Sow as soon as the ground is free from frost and dry, in the spring, in drills two inches deep and 18 inches apart; thin out to six inches. For family use in winter, sow in July or August.

CRIMSON GLOBE.

In this variety we have more good qualities than were ever before combined in one beet. It is perfectly round, leaves small and compact and set very close to the center; it combines the maximum of edible bulb with the minimum of root and foliage. The color is very dark crimson. It is extremely early, coming in with Extra Early Egyptian. But it is when prepared for the table that its fine quality becomes most apparent, the fine rich color making it conspicuous. The flesh is of delicate texture, rich and sugary. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

DETROIT DARK RED TURNIP BEET.

Extended experience has shown this variety to be the best deep red turnip beet, not only for market gardeners, but for the home garden. Its small upright growing tops, early maturing, and the splendid shape and color of the roots, make it popular with every one who plants it. Tops, small, upright growing, so that the rows may be close together; leaf stems and veins dark red, blade green; roots, globular or ovoid, peculiarly smooth; color of skin dark blood-red; flesh, bright red, zoned with a lighter shade, very crisp, tender and sweet, and remaining so for a long time. We believe that the stock of this

variety which we offer will produce a crop more uniform in shape, color and quality than any other beet seed obtainable. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Extra Early Egyptian. Earliest of all the round sorts. Deep blood color. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Eclipse. Almost as early as the Egyptian, but of much finer quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Edmand's Blood Turnip. Very regular in shape; deep blood-red color and exceedingly sweet. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Bassano. Early, flat, of very light color. Sweetest of all the turnip varieties. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Bastians Blood Turnip. Dark red; standard market garden sort. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Half Long Blood Beet. The top is medium in size and of a very rich glossy crimson. The bulb is three inches in diameter at shoulder, tapering in pear-shaped form to the slender root, and is entirely free from roughness. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

SUGAR BEETS AND MANGELS.

Use four to six lbs. of seed to an acre. Plant in drills about two feet apart each way; the seed should be dropped about two inches apart in the drills; thin out plants to 12 inches apart.

Mammoth Long Red. Largest and most profitable variety grown for agricultural purposes. Per $\frac{1}{4}$ lb., 15c.; lb., 35c.

Yellow Globe. Adapted for growing in shallow soils. Per $\frac{1}{4}$ lb., 15c.; lb., 35c.

Red Globe. Similar to the Yellow Globe. Per $\frac{1}{4}$ lb., 15c.; lb., 35c.

White Sugar Useful for making sugar. Per $\frac{1}{4}$ lb., 15c.; lb., 25c.

Klein Wanzleben. Improved Sugar Beet. Per $\frac{1}{4}$ lb., 15c.; lb., 35c.

BRUSSELS SPROUTS.

One ounce will produce about 3000 plants.

Culture—Sow in May, in shallow drills, one inch deep and 12 inches apart. Transplant in July. When the crown or top sprout is beginning to head, pinch it out, to admit of the whole strength being thrown into the side shoots. Very hardy. This is a delicious vegetable and should find a place in every garden; greatly improved by hard frosts.

Improved Dwarf. Compact heads of best quality. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

CABBAGE.

One ounce will produce about 3000 plants.

Culture.—Sow the early kinds in September, in shallow drills, six or eight inches apart. When large enough to handle transplant into a cold frame. Sow also in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts twenty inches distant in a row and two feet between the rows; the latter sorts, two and a half feet each way. To be well grown, cabbages require a deep, rich loamy soil.

Our cabbage seed is especially grown for us on Long Island, and we offer it as being of superior quality.

The Houser. A new and entirely distinct round late cabbage; the largest-hardest-heading, fine-grained cabbage known. (For complete description see page 2. Per pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Early Spring. A new extra early cabbage, with a round, flat head, coming in with the Early Jersey Wakefield, and yielding one-third more on the same space of ground than any other extra early. Per pkt., 15c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

Improved Early Jersey Wakefield. The finest early variety grown; conical in shape; medium-sized heads; very solid and of superior quality. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.

The Charleston, or Large Type of Wakefield. A variety having all the characteristics of the Early Jersey Wakefield, but of a greater size, and is but a few days later. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.

Early Winnigstadt. Standard second early variety. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

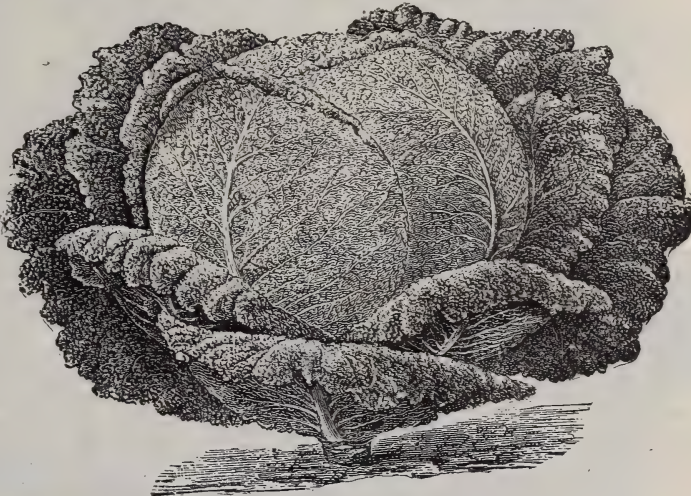
Early Dwarf Uim Savoy. A very early and superior dwarf variety of fine quality. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

Early Flat Dutch. A valuable early market variety; heads weighing about 10 lbs. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Early Summer. A superior second early variety; produces solid heads of fine quality. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Henderson's Succession. Very similar to the preceding variety. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Holland or Danish Ballhead. Its principal value lies in its hard heading qualities, which make it positively the best shipper of any on the market. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.



Cabbage, American Drumhead Savoy.

Autumn King. We believe this to be one of the finest strains of late cabbage ever offered. It produces regular, even heads of enormous size; a magnificent cropper. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.

American Drumhead Savoy. None of the late-growing varieties can begin to equal in flavor this sort for family use; heads large, solid and a splendid keeper. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.25.

Large Late Drumhead. Very large, solid heads; standard variety for winter use. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

Large Late Flat Dutch. Without exception the best variety in cultivation for winter use; produces immense heads of the finest quality; splendid keeper. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Mammoth Rock Red Cabbage. This is by far the best, largest and surest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of a deep red color. The best cabbage on the market. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.



Chicory, Witloof.

CHICORY.

Chicory is used chiefly for its roots, which are dried and used as a substitute for coffee. Cultivate the same as carrots.

Witloof. Valuable as a salad as well as a vegetable. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Cabbage, Holland or Danish Ballhead.

CAULIFLOWER.



Extra Early Dwarf Erfurt Cauliflower.

Culture.—Sow the first week in May and prick out on a rich piece of ground; transplant in July. For wintering under glass sow in the second and last week in September; transplant thickly into a cold pit or frame; give plenty of air in mild weather, and cover up well in very severe. Again, sow in February in a hotbed and transplant in April. For cauliflower the ground should be well prepared by trenching, incorporating at the same time a good share of rotten manure. Select new ground, if possible, as cauliflower rarely succeeds on ground which has been cropped year after year with other kinds of vegetables. Plant in rows twenty inches apart and two feet between the rows.

One ounce will produce about 3000 plants.

EXTRA EARLY DWARF ERFURT. Our strain of this popular variety is unequalled. The very best and earliest for forcing under glass; very dwarf and compact, with short stem and small leaves. It should not be confounded with entirely different sorts advertised under the same name. Pkt., 25c.

Early Paris. An old and favorite sort, excellent for family use. Per pkt., 10c.; oz., 75c.; $\frac{1}{4}$ lb., \$2.00.

Early Snowball. One of the best for general use; medium size, but sure to head. Per pkt., 25c.; oz., \$2.25.

CHERVIL.

One ounce will sow 100 feet of drill.

Culture.—The curled chervil is cultivated like parsley and used for garnishing and flavoring soups and salads.

Curled Chervil. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CRESS, OR PEPPER GRASS.

One ounce will sow 150 feet of drill.

Culture.—This popular salad should be sown early in the spring. Sow at short intervals for succession, as it soon runs to seed.

Curled, or Pepper Grass. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 40c.

True Erfurt Water Cress. Per pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

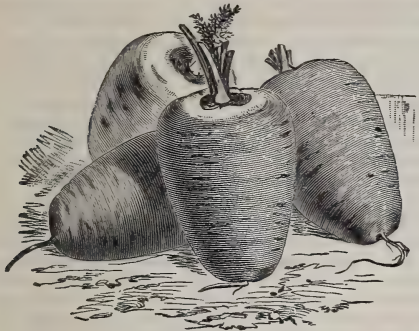


Water Cress.

CARROT.

One ounce will sow 100 feet of drill.

Culture.—To produce the finest crop, the land should be thoroughly manured the previous season; forked roots will result if the seed is sown on freshly manured soil. Sow the early sorts in March and April, in drills one inch deep and fourteen inches apart; thin out to six inches. For main crop sow in May or the beginning of June.



Early Scarlet Horn.

Chantenay Half Long Scarlet. A stump-rooted variety, somewhat resembling the well-known Half Long Red, stump-rooted Carrot, but having a larger shoulder and being much more productive. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Long Orange Improved. One of the most desirable for either garden or field culture. It grows to a large size, fair specimens averaging twelve inches in length, and three inches diameter at the top. All who have cattle should raise a surplus of this carrot for feeding milch cows during the winter. It increases the flow of milk, and imparts to the butter a delicious flavor and a rich golden color. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

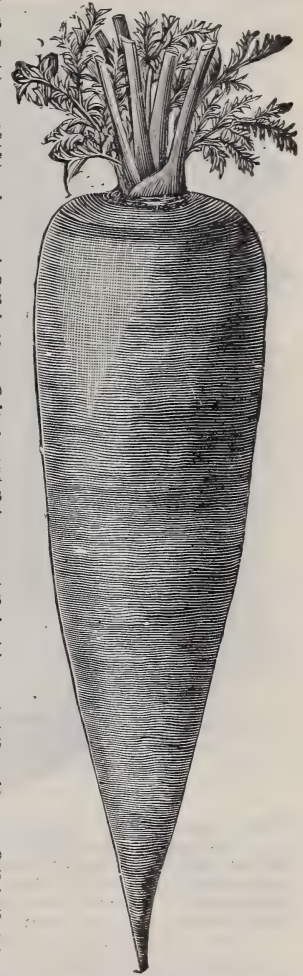
Danvers (Half Long). A handsome, cylindrical-shaped carrot of good size and stump-rooted. It is of a rich, dark orange color, grows to a large size, is smooth, and the flesh very close in texture, with little core. It is a first-class carrot for all soils, and it is claimed that under good cultivation it will yield the greatest weight per acre with the smallest length of root of any now grown. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Oxheart, or Guerande. A French variety of recent introduction and a decided acquisition. It is intermediate between Half Long and Horn varieties and perfectly distinct. The shape is nearly oval and the color and quality all that can be desired. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Early French Forcing. The earliest variety and one largely grown for forcing purposes. It makes a small, almost globe-shaped root of an orange-red color. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.20.

Early Scarlet Horn. Favorite for early crop, but not large. Sold largely in New York markets, bunched. It matures eight to ten days earlier than the Long Orange, and is sometimes used for forcing. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Early Half Long Scarlet Nantes. The skin is smooth, flesh red, and without any core or heart. It is excellent for forcing, and for fine quality and perfect shape can hardly be surpassed. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



James' Intermediate.



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Corn Salad.

CORN SALAD.

One ounce will sow 150 feet of drill.

Culture.—Sow early in the spring, in drills, one inch deep and 10 inches apart. For main crop sow in August and September.

Large-Seeded. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

CELERY.

One ounce will produce about 5000 plants.

Culture.—Sow the seed (which is slow to germinate) in shallow boxes, or in a finely prepared seed bed out of doors, in straight rows, so that the small plants may be kept free from weeds.

See to it that the seed bed is kept moist, almost wet, until the seeds germinate, as plenty of moisture is essential to get a satisfactory growth. When about two inches high thin out and transplant so that they may stand two inches apart, and when the plants are four inches high cut off the tops, which will cause them to grow stocky.

The crop is usually made to succeed some earlier crop, and if good plants are used they may be set out as late as the middle of August; but the best results are usually obtained from setting about the middle of June or the first of July. In setting, prepare broad, shallow trenches about six inches deep and four feet apart, in which the plants should be set six inches apart, cutting off the outer leaves and *pressing the soil firmly about the roots*. When the plants are nearly full-grown they should be "handled," which is done by one man gathering the leaves together, while a second draws the earth about the plant to one-third its height, taking care that none of the earth falls between the leaves, as it would be likely to cause them to rust or rot. After a few days draw more earth about them, and repeat the process every few days until only the tops of the leaves are visible, or the leaves may be pressed together by two wide boards held firmly a few inches apart by cross-ties and stakes, when in a few days more they will be fit for use. Care should be taken that the plants are not disturbed while they or the ground are wet, as it would be sure to injure them. A part of the crop may be simply "handled," and then at the approach of severe freezing weather taken up and set out compactly in a dark cellar or an unused cold frame, which can be kept just above the freezing point, and it will then gradually blanch so that it may be used throughout the winter. Should the plants begin to wilt, water the roots without wetting the stocks or leaves, and they will revive again.



Kalamazoo. Large Ribbed. A good, half-dwarf, white solid celery. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., \$1.50.

Perfection Heartwell. The finest and largest of the winter sorts, either for the family or market garden. The heart is golden yellow, and its crisp tenderness and delicious flavor are unequalled. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Golden Self-Blanching. A self-blanching variety of the White Plume order, but much superior for either family or market gardeners' use; it is of a rich golden yellow color and is the earliest variety grown. Per pkt., 5c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

Improved White Plume. An early and ornamental variety. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Giant Pascal. This splendid variety possesses an exceptionally rich nutty flavor without being stringy. The stalks are thick, solid and crisp; golden yellow heart. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Boston Market. Dwarf, branching habit; solid, crisp; a favorite variety. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Golden Heart. A highly recommended variety. Full golden heart, and an excellent keeper. Per pkt., 5c.; oz., 20c.

Schumacher. Immense size; solid and crisp, firm golden heart; a fine keeper. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.

White Walnut. A half-dwarf white variety, having uncommonly large and solid leaf stalks of fine walnut flavor. Per pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Crawford Half Dwarf Vigorous growth and excellent flavor. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

Pink Plume. The same as White Plume, except the stalks are tinged with pink. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Rose-Ribbed Golden Self-Blanching. This beautiful new celery is a sport from the well-known Golden Self-Blanching, differing from that variety only in the handsome rose-tinted ribs from which its name is derived. Per pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

CELERICAC, OR TURNIP-ROOTED CELERY.

Culture.—A variety of celery with turnip-shaped roots, which are white fleshed, tender and possess the flavor of celery stalks. Sow the seed in the open ground in April, and treat the young plants the same way as celery.

Large Smooth Prague. Very large and fine; roots of superior quality. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Large Smooth Prague Celeriac.

SUGAR CORN.

One quart will plant 200 hills.

Culture.—Plant for succession of crops every three weeks, from April to July, in hills three feet apart each way, and six seeds in a hill; cover about half an inch; thin out to three plants.

EXTRA EARLY VARIETIES.

Metropolitan. It is safe to say that there has never been on the market any one variety of Corn that combined the essential features of earliness and good flavor in a satisfactory degree. In these important characteristics, "Metropolitan" certainly outclasses any other variety. It is only two days later than Cory, which, until now, has been the earliest sort. The plant is distinct, being very strong in stalk, growing $5\frac{1}{2}$ feet in height. The ears are all set low, not over $1\frac{1}{2}$ feet from the ground, producing from two to three to the plant. They are uniformly 9 inches long, 10 to 12 rowed, well filled to the tip with large deep grains, which are very tender. It is not merely sweet, but possesses in a remarkable degree that exquisite richness so well known in the larger and later sorts. Pkt., 10.; pt., 20c.; qt., 40c.; pk., \$1.50.

Cory Early (Red Cob). The Cory is undoubtedly the earliest of all, and the very best extra early Sweet Corn. We have proved it to be five days earlier than the Marblehead, which hitherto has always taken the lead. Those desiring a first early variety can make no mistake in planting the Cory. Pkt., 10c.; pt., 15c.; qt., 20c.; pk., \$1.00; bush., \$3.50.

"White Cob" Cory. An extremely early variety, usually fit to use in from fifty to sixty days from seed sowing. A sport or selection from the famous "Red Cob Cory," which for years held popular favor as the best first early. "White Cob" Cory retains all of the good qualities of its parent, with the added merits of having a white



cob and white kernels, free from the objectionable reddish tinge that sometimes occurred in the red cob variety. The plants are dwarf and stocky, enabling them to be closely planted; usually two ears are borne on a stalk. It is not only the best first early sweet corn, but is valuable to plant late in summer for autumn use. Pkt., 10c.; pt., 15c.; qt., 20c.; pk., \$1.00.

Minnesota. One of the earliest; ears small, but of fine quality. Pt., 10.; qt., 20c.; pk., \$1.00.

Perry's Hybrid. Very early; ears of large size; valuable for market purposes. Pt., 10.; qt., 20c.; pk., \$1.00.

Extra Early Evergreen. Ten days earlier than the standard variety. Pt., 10c.; qt., 25c.; pk., \$1.25.

MEDIUM EARLY VARIETIES.

Stowall's Evergreen. Now recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The plants are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other. Our stock has been carefully grown and selected to avoid the tendency to a shorter grain and deterioration in the evergreen character of this best of all medium sorts. $\frac{1}{2}$ pt., 10c.; pt., 15c.; qt., 20c.; pk., \$1.00.

Crosby's Early Sugar. Standard early sort; ears good size; fine quality. Pt., 10c.; qt., 20c.; pk., \$1.00.

Early Mammoth. Very large and tender; similar to the Standard Mammoth variety, but much earlier. Pt., 10c.; qt., 20c.; pk., \$1.00.

LATE VARIETIES.

Black Mexican. Very sweet and of fine flavor; grains black. Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.25.

Late Mammoth. Immense ears and very sweet. Pt., 10c.; qt., 20c.; pk., \$1.00.

Country Gentleman. The Country Gentleman Corn retains its delicate tenderness and flavor even when a little old, as the ears are inclosed in a heavy husk, which tends to keep the ear "in the milk" for several days longer than other corns. The cob is unusually small and the pearly white kernels of great depth. Pkt., 10c.; pt., 15c.; qt., 25c.; pk., \$1.25. Price of field corn furnished upon application.

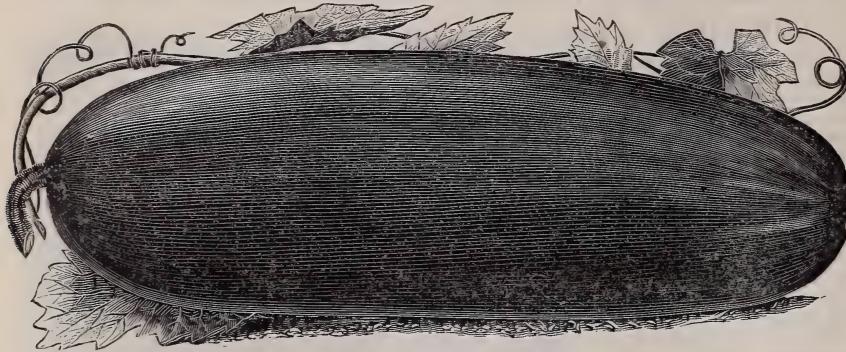


Corn, Mammoth and Marblehead.

CUCUMBER.

One ounce will plant
50 hills.

Emerald Cucumber. The Emerald Cucumber is a remarkable new sort, possessing that rich, dark green color which has been so long desired. Its distinct dark green and spineless skin attracts the attention of everyone. The fruit sets early, and its vigorous vines abound in straight, handsome fruit of the most desirable qualities. As



Emerald Cucumber.

a slicer the flesh is particularly crisp and tender and the flavor most pleasing. The young fruit being dark green, straight and tender, makes an excellent pickle. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.

Fordhook Pickling. This distinct cucumber is wonderfully prolific, and might be termed a continuous bearer. Planted at the same time with other cucumbers, the Fordhook Pickling will continue to bear

pickles plentifully after the other varieties have ripened their fruit and ceased to produce more. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.

Cool and Crisp. This cucumber is inclined to taper off at the stem end, and is generally a little pointed at the other end also. At the pickling stage the cucumbers are straight, long, even and slim, and until they reach

their full size they are of a very dark green color, so dark that it might be almost called "black." While primarily a pickling variety, it is also most useful for slicing, the cucumbers, when fully matured, being of good size and exceedingly tender and crisp. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Green Cluster. Fruit small, very prolific. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50.

Early White Spine. Improved. Standard market variety of medium size, deep green, flesh crisp and of good flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Extra Long White Spine. A beautiful, large and well shaped cucumber, slightly longer in maturing than the above. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Arlington. A fine strain of the Improved White Spine. It is fine either for forcing or for outdoors. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

White Wonder. The best white sort; it ripens early and is very productive. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Short Green. Early and good for pickling. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Extra Long Green. Very long, most excellent quality and one of the best for family use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Russian. Very early, short; is a valuable variety for small pickles. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

New Everbearing. Small sized; very early and enormously productive. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Green Prolific. The best variety for pickling; deep rich green, very productive and of uniform small size. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

JAPANESE CLIMBING CUCUMBER. Well adapted for pickling as well as for slicing for salads. The great advantage lies in the fact that it can be trained on a pole or fence. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 35c.

ENGLISH FRAME OR FORCING VARIETIES.

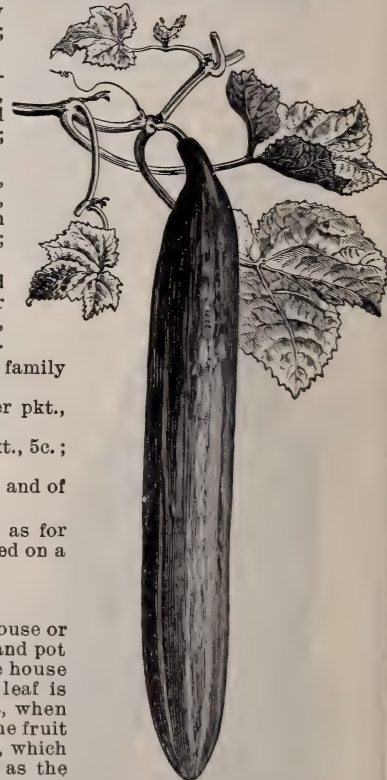
Culture.—This favorite fruit may be grown any season of the year in a house or frame where a temperature of 75° can be obtained. Sow in pots of light soil, and pot off when the third leaf appears. The soil should be prepared and placed in the house or frame several days before it is required. Plant out when the third rough leaf is developed; keep a moist warm temperature. Allow them to make several joints, when they should be stopped to make them branch, then pinch out the shoot where the fruit appears; keep them thin and trained regularly; supply with plenty of water, which should not be colder than the temperature of the place; keep adding fresh soil as the roots appear above the surface, which they do freely when the plants are thriving and healthy. The soil should be light turf, well rotted, and leaf mold without sand, enriched with manure, and should not be shifted.

Cuthill's Black Spine. Very prolific; highly recommended. Per pkt., 25c.

Lord Kenyon's Favorite. Per pkt., 25c.

Sion House. Per pkt., 25c.

Rollison's Telegraph. Free bearing; average length of 20 inches; for summer or winter use; one of the finest sorts. Per pkt., 25c.



*Rollison's Telegraph
Cucumber.*

DANDELION.

One ounce will sow about 100 feet of drill.

Culture.—Sow in May, in drills 10 inches apart: thin out to three inches apart; cultivate during the season and in the following spring the plants will be fit for use.

French Garden. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

EGG PLANT.

One ounce will produce about 1000 plants.

Culture.—Sow in a hotbed in February and March; when the plants are one and two inches high, transplant or thin out to two or three inches apart. When the weather is warm and settled, they may be planted out in a warm situation two feet apart each way.

New York Improved Spineless. Extensively cultivated for both market and family use; it grows to a large size; very prolific and fine flavored. Per pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00.

Black Perkin. Produces very handsome jet black fruit of superior quality. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

ENDIVE.

One ounce will sow 200 feet of drill.

Culture.—One of the most attractive of all autumn and winter salads. It is commonly known in restaurants as Chicorée, and is especially refreshing when served with lettuce with plain French dressing. Sow seed from middle of June till last of August. When the plants are fully grown, tie all the outside leaves together over the heart to blanch the inner leaves, which will take about a week. Do not tie up when the leaves are wet, as they will then decay.

Green Curled. Very ornamental curled dark green leaves, which blanch white and crisp. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Broad-Leaved (Escarolle). Produces heads of broad thick leaves; branches easily. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

White Curled. For early use. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.



New York Improved Egg Plant.

HORSERADISH ROOTS.

Strong roots. Per dozen, 15c.; 100, 75c.

KALE.

One ounce will produce about 300 plants.

Culture.—Sow in May in shallow drills, 10 or 12 inches apart; when large enough, transplant singly in rows 24 inches apart each way.

Dwarf Green Curled Scotch. Very dwarf and spreading, one of the best. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

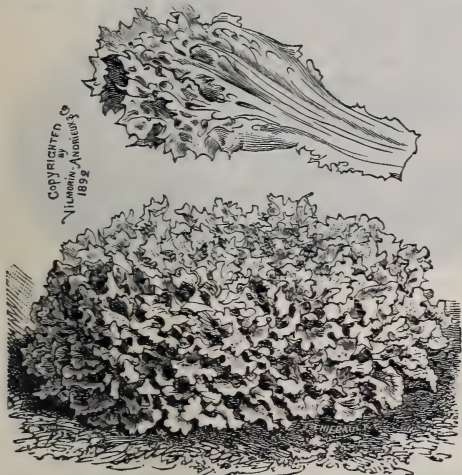
Siberian Kale or Sprouts. Should be sown in September and treated like spinach; it is fit to cut early in spring. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Dwarf Brown Kale. A beautiful curled variety, with spreading foliage, very hardy and of fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

GARLIC.

One pound will plant 200 feet of drill.

Culture.—Garlic is used for a variety of flavoring purposes. Plant the sets six inches apart in rows one foot apart. As soon as the leaves have turned, the crop is matured, and may be harvested like the onion. **Garlic sets**, per lb., 30c.



Endive, Broad-Leaved.

KOHL-RABI.

One ounce will produce about 200 feet of drill.

Culture.—This is a very delicious vegetable, and is increasing in popularity rapidly; combines the good qualities of the turnip and cabbage, but excels both in nutritive and productive qualities. Cook the same as turnips; they will be found very tender and palatable. Sow in spring in rows of 18 inches apart, afterward thin away the plants to eight inches.

Early White Vienna. The earliest and best, for either market or family use. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Early Purple Vienna. Similar to the preceding, except in color, which is of a bluish purple. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Early Green Vienna (for frames). A variety with few and small leaves; can be planted very closely; very useful for general culture and indispensable for forcing. Per pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.



Kale, Dwarf Green Curled Scotch.

LETTUCE.

One ounce will sow 150 feet of drill.

Culture.—Sow early in spring, in a hotbed; transplant in April for summer use. Again, sow from April at intervals in the open ground, and for winter and spring use, in August and September. Protect by means of a cold frame during winter. When sown for cutting, the seed may be put in rather thick, in rows or broadcast; but to have finer heads, it should be sown thinly in rows, and transplanted a foot apart into rich soil.



Curled Simpson Lettuce.

Black-Seeded Simpson. Nearly double the size of the ordinary Curled Simpson; stands the summer well. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00

Denver Market. The heads are large, solid, light green, beautifully curled like a Savoy cabbage, very crisp and tender. The heads are a little after the style of the Hanson, but more oblong. Delicate, tender and very superior. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Salamander Perfected. An excellent summer variety, forming large-sized heads that stand the heat without injury longer than any other sort. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Big Boston. A most desirable variety for forcing in cold frames or open-ground planting. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Boston Market. Solid, crisp and compact; one of the best for forcing. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Boston Curled. Of great beauty and superior quality. The fine, elegant frilling of leaves renders it highly ornamental. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Tennishall, White-Seeded. A well-known forcing variety. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.

Black-Seeded Butter. A very tender and crisp variety of delicate flavor. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Mammoth Black-Seeded Butter Lettuce. A large-head lettuce of splendid quality; much lighter in color than the Big Boston. For early or late crop it has no equal; splendid market sort. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Golden Stone Head. Produces heads of medium size, of the best quality; as a forcing variety it is unequalled. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



White Paris Cos Lettuce.

Mignonette. A small, sturdy, russet-colored lettuce, distinct and unique. The entire plant measures only seven inches in diameter, and is *more solid and compact* than any existing variety. It is wonderfully hardy, and resists drought and excessive moisture. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Buttercup. Yellow, solid, small heads; for forcing or outdoors. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.

Grand Rapids Forcing. Large, tender; one of the best for early forcing. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Silver Ball (Seed White). A remarkable variety in that it is an excellent sort both for forcing and outdoor culture. The thick, light green leaves have so much sheen that they actually look silvery white in some lights, and the good-sized head is of excellent quality. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Golden Nugget. Produces heads of medium size, of the best quality. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

Romaine White Cos. It is of upright growth, and possesses a distinct, crisp and very refreshing taste. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Trianon Self-Closing Cos. The finest of all the Cos sorts. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Emperor William. New, firm, light yellow heads, with brownish spots; remarkably tender. Per pkt., 10c.

(For cut and description see Novelties, page 2).

New York. This variety branches itself naturally, is crisp, tender, and of excellent flavor, and always free from bitterness. The outside color is distinct, being a clear, deep apple green, while on the inside the color is yellowish white. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Blonde Blockhead or Sunset. This is a large-growing head lettuce, resisting the heat for a long time before running to seed. The heads are large, solid and crisp, of a golden yellow color. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Hubbard Market. A large white cabbage variety, valuable for forcing or the open ground. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Curled Simpson. An old standard variety, very early and tender. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Big Boston Lettuce.

LEEK.

One ounce will sow about 100 feet of drill.

Culture.—Sow the seed very early, in a seed bed in a sheltered place, if possible. When plants are about six inches long, transplant them to trenches six inches deep, with very rich soil at the bottom. Fill up the trenches as the plants grow, and later draw soil up to them. As a result, you will have fine, large leeks, blanched, half a foot long, which may be kept all winter if dug up with the roots on and stored in moist sand in the cellar.

Large American Flag. The largest and most desirable, either for market or family use. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Large Carentan (Winter). A very hardy variety of extra large size; the leaves are fan-shaped, of a dark green color; the edible stem is six to eight inches long and three inches in diameter. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Large Rouen. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

MUSKMELON.

One ounce will sow about 80 hills.

Culture.—Sow the seed in April under hand glasses, and in the open air in May in hills six feet apart each way. Plant in each hill from 8 to 10 seeds, covering half an inch deep. When the plants have produced their rough leaves, thin out to three plants. The hills should be prepared by trenching in rotten manure and sand. As soon as the plants make their appearance above ground, dust them with soot, charcoal dust or wood ashes, to prevent the ravages of the bug.



Muskmelon, Early Hackensack.



Leek, Large American Flag.

Tip Top Melon. The most productive melon known; good for early or late, having a sweet, juicy, fine flavor; solid flesh (but not hard) and eatable to the outside coating. The fruit is of large size, nearly round, evenly ribbed and moderately netted. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Rocky Ford. An improved strain of the Netted Gem type, which has been grown on a very large scale and to a wonderful degree of perfection in Rocky Ford, Colorado. It is by far the most popular sort on the market, and commands higher prices than any other variety. It is very sweet and most delicately flavored, with exceedingly fine and smooth-grained flesh of a light green color. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Long Island Beauty. On style of Hackensack, but earlier and finer in quality, and the most beautiful muskmelon. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Delmonico. Oval, deeply netted, large size, orange flesh. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Extra Early Hackensack. Large, round, and of fine quality; a standard variety. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Emerald Gem. Small, extra early, smooth ribbed, dark green skin and orange flesh. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Jenny Lind. Small, but very early; green flesh. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Nutmeg. Named from its shape; green flesh, fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Long Yellow Cantaloupe. Standard sort; yellow flesh. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Paul Rose. This new red-fleshed melon is exceedingly sweet and highly flavored, and in it are combined all the good qualities of the Netted Gem and Osage, the varieties from which it originated. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

MARTYNIA.

One ounce will plant about 200 hills.

Proboscidea. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

ENGLISH FRAME VARIETIES

(IMPORTED SEED)

	Per Pkt.
Sutton's Invincible Scarlet Flesh,	25 cts.
Blenheim Orange	25 cts.
Eastnor Castle Green Flesh . .	25 cts.
Sutton's Perfection Pale Green Flesh	25 cts.

WATERMELON.

One ounce will plant about 50 hills.

Culture.—Treat the same as muskmelon, except that they should be planted eight or 10 feet apart, according to variety.

- Cole's Early.** A most delicious and productive variety for the family garden, succeeding in Northern States, where melons were never matured before. The flesh is of a beautiful bright red color, crisp, and extremely delicate in texture—that granulated, cool, sparkling appearance that is so captivating to the eye; in flavor, it is lusciously sweet and refreshing, no pithiness or stringiness. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Pride of Georgia.** Round, large, crisp; bright red flesh; intermediate. Per oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
- Hungarian Honey.** Fresh, brilliant red, very small seeds; well adapted for Northern localities. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Mammoth Ironclad.** A large size; flesh deep red and of rich flavor, holding its fine quality very close to the skin. For shipping and keeping, it is unsurpassed. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Sweetheart.** A perfected form of the old Ice Cream, possessing all of its good qualities and producing fruit much larger and handsomer in appearance and of most delicious flavor. Per pkt., 5c.; oz., 10c., $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Kolb's Gem.** Largely grown in the South for shipment to Northern markets; it has no equal as a shipping melon; the fruit is nearly round; rind, dark green, somewhat marbled with lighter shades. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
- The Boss.** Oblong in shape; dark green skin; flesh deep scarlet; early, heavy, productive and good shipper. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Black Spanish.** A sweet and delicious variety; fruit, round, of large size; skin, blackish green; scarlet flesh. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



Kolb's Gem Watermelon.

- Citron.** Round and handsome; used for preserves. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Mountain Sweet.** An old and reliable sort; flesh, red; late. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
- Florida Favorite.** A superb strain; improvement on Rattlesnake; intermediate. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- White-seeded Ice Cream.** Very early; red flesh. Per oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



Mushroom Spawn.

MUSHROOM SPAWN.

Ten lbs. will spawn 10 feet square.

Culture.—Mushrooms are easily grown, with a little care and attention under a square shed, portion of a cellar, or any dark, dry place. Collect a quantity of fresh horse droppings, throw them into a heap, leaving it until it commences to ferment, then turn it over and mix it up well, and place it where you intend to make the bed; spread it regularly about 18 inches thick, tread firmly and level the surface, then apply the soil about three inches in thickness all over the bed. Leave this to heat for a few days, and as soon as the heat drops to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn about the size of an egg; fill up the holes with the compost. Beat the surface level, afterward keep it dry, and the mushrooms will make their appearance in about five or six weeks. When the first crop has been taken, give the bed a good watering, leaving it as before, when they will again make their appearance. Beds can be made at any time of the year, and as one declines another should be made, to keep a constant supply. The spawn should be kept in a cool, dry place. When gathering, remove the stalks; do not cut them or they will rot and breed maggots.

English Spawn per lb., 12c.; 10 lbs., \$1.00; 100 lbs., \$9.00
French Spawn per 2-lb. box, 75c.



ONIONS

One ounce will sow about 100 feet of drill.

Culture.—Sow as soon as the frost is out of the ground in spring, in drills one inch deep and 12 inches apart; thin out to two or three inches. For onions the ground requires to be well manured.

Large Red Wethersfield. Large size and fine form; skin deep purplish-red, flesh purplish-white; moderately fine grained and stronger in flavor than the yellow or white onions; very productive and an excellent keeper. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

Large Red Globe Southport. Matures quite early; grows to a large size; skin deep red, flesh fine grained, mild and tender. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Large Yellow Globe. Similar to the White Globe Onion, except in color. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.25.

Yellow Globe Danvers. Of more globular shape than the preceding; splendid keeper. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

White Portugal, or Silver Skin. A mild-flavored variety, used extensively for pickles. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Large White Globe. Handsome globular onion of fine flavor; splendid keeper. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Yellow Danvers. A standard sort; early and a good keeper. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.00.

Yellow Globe Spanish, or Prize Taker. Grows uniform in shape; is of immense size, measuring from 12 to 16 inches in circumference, while under special cultivation specimen bulbs have been raised to weigh from four to six pounds each; its pure white flesh is fine-grained, mild and delicate in flavor. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

The **Australian Brown Onion** is of medium size, wonderfully hard and solid, extremely early in ripening, and never makes any stiff-necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly—when the plant is not over three inches high. Planted with the *Red Wethersfield*, it proved to be nearly four weeks earlier and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep in good condition longer than any other onion known. The color of the skin is a clear amber-brown. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., 90c.

Adriatic Barletta. A very early, small, pure white sort; flesh firm and mild in flavor. For pickling purposes it has no equal. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$2.75.

ONION SETS.

Plant onion sets and tops near the surface in drills 12 inches apart and four inches in the rows. They require the highest culture to obtain the best results.

Red Onion Sets	per qt., \$0 20	White Potato Onions	per qt., \$0 20
White Onion Sets	“ 25	Yellow Potato Onions	“ 20
Yellow Onion Sets	“ 20	White Multiplier Onions	“ 30
Red Top Onions	“ 20	Shallots	“ 30

MUSTARD.

One ounce will sow 75 feet of drill.

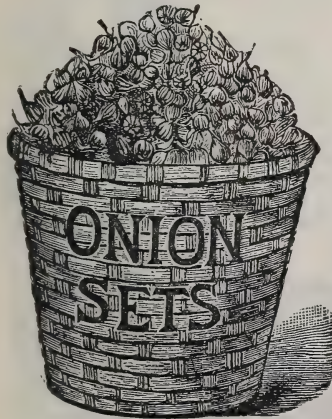
As an ingredient, the green mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hot-bed in March, and for general crop at frequent intervals through the spring, in drills from eight to 12 inches apart.

Black or Brown. An esteemed sort for culinary use. Per oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.

Giant Southern Curled. Very large leaves. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White London. The best variety for salads; the seed is also used medicinally and as a seasoning for pickles. Per oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 25c.

NEW CHINESE. Leaves twice the size of the ordinary white mustard; stems more succulent, of deeper green; flavor pleasantly sweet and pungent. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



PARSLEY.

One ounce will sow about 150 feet of drill.

Culture.—Parsley requires a rich, mellow and deep soil. Soak the seed for a few hours in tepid water, and sow early in the spring in drills one foot apart and half an inch deep. Thin out the young plants to four inches. Hamburg parsley should be treated the same as carrots.

Extra Double Curled. Standard market sort. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Champion Moss Curled. Very beautiful. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Fern-Leaved. Finest garnishing variety. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Plain. The ordinary form. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

Hamburg, or Rooted. Edible roots. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



Champion Moss-Curled Parsley.

PARSNIP.

One ounce will sow about 200 feet of drill.

Culture.—Sow as early in the spring as the ground can be worked, in drills, 18 inches apart, covering with fine soil to the depth of half an inch. The soil should be rich and deeply dug. The quality of the roots is much improved after a severe frost; in fact, they may be allowed to remain in the ground throughout the winter, as they are perfectly hardy.

Hollow Crown. The finest variety grown; long, smooth and milky white. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

PEPPER.

One ounce will produce about 200 plants.

Culture.—Sow in hotbed in March or in the open ground in April; transplant in rows 20 inches apart each way. The seed may be sown in the open ground after all danger of frost is passed.

Long Red Cayenne. Fruit about four inches long, bright red color; very productive. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Cherry Red. Small round fruit, rich scarlet color, and extremely piquant. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Chili. Very piquant and prolific, small, slim fruit. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Large Bell, or Bull Nose. A large early variety of pleasant flavor. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 65c.; lb., \$2.25.



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Cayenne Pepper.

Ruby King. Fruit bright ruby-red. The flavor is so mild and pleasant that it can be sliced and eaten like cucumbers or tomatoes. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Golden Dawn. Bright golden yellow; very productive. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Sweet Spanish. One of the largest and earliest. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Sweet Mountain. Similar to the Bull Nose, but larger, sweeter and of milder flavor. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Bird's Eye, or Creole. Very small red fruit, used in the manufacture of Tabasco sauce. Per pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.

Red Cluster. Bears a profusion of red clusters of very thin, pungent peppers in an upright position. It forms a small, compact plant about a foot high. A single plant has been known to produce a thousand peppers. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.

OKRA, or GOMBO.

One ounce will sow about 100 feet of drill.

Culture.—Sow in the second or third week in May, if the weather is settled and warm, in drills, one inch deep and four feet apart; thin out to 12 inches.

Long Green. Long ribbed pods, very productive. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Dwarf Green. Very dwarf habit; exceedingly productive. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Velvet. Very distinct in appearance; pods are perfectly round, smooth and of a white velvety appearance and of superior flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Dwarf White. Per pkt., 5c.; per oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.



Pepper, Sweet Mountain.

PEAS.

One quart will plant 100 feet of drill.

Culture.—For early crops sow as early in spring as practicable, and again every two or three weeks for a succession throughout the season up to the first of August. Plant in single or double rows, four feet apart and two inches deep. In dry weather soak the peas over night before planting. In the vicinity of New York the Extra Early Peas, if planted from the 15th to the last of August, will produce a medium crop for late picking, when they will be found most acceptable.

Varieties marked * are wrinkled marrows, and should be sown thicker than the round peas, and not until the ground has become warm, as they are more liable to rot. All wrinkled sorts are much superior in flavor to the round peas.

EXTRA EARLY PEAS.

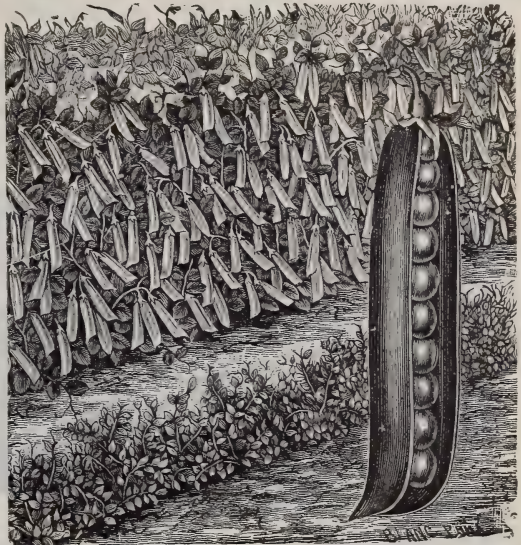
First of All. This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height, 2½ feet, or fully six inches dwarfier than the Philadelphia Extra Early, and produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time, we know of no other variety that is more popular than "First of All" in private gardens. Per pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.50; bushel, \$5.00.

* **Gradus.** The pods of this new and most valuable sort are as large as those of Telephone, and fit for use as soon as First of All. The peas are large, handsome and of fine quality. (See page 3 for description.) Per pkt., 10c.; pt., 30c.; qt., 50c.; peck, \$3.25.

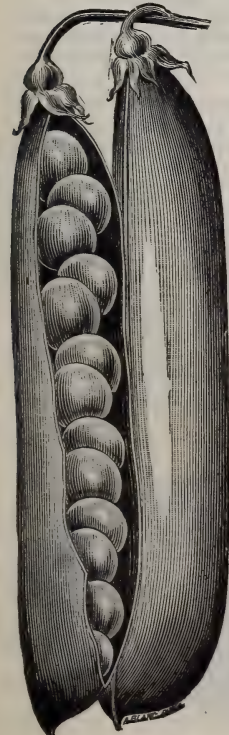
* **Alpha.** The earliest wrinkled pea. Height, 3 feet. Per pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.50.

* **Exonian.** An extra early new wrinkled marrow pea. Per pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.50.

* **Nott's Excelsior.** A splendid extra early wrinkled new sort; very prolific. Per pkt., 10c.; pt., 15c.; qt., 35c.; peck, \$2.00.



First of All Pea.



Alpha Pea.

	pkt.	pt.	qt.	peck.
Alaska. A very early blue pea, very uniform in growth	\$0 10	\$0 15	\$0 30	\$1 75
* American Wonder. Extra early, fine flavor and productive. Height, 1 foot	10	15	35	1 80
* McLean's Little Gem Extra early, straight pods, very prolific, and of excellent flavor. Height, 1½ feet	10	15	30	1 75

MEDIUM EARLY PEAS.

Blue Beauty. Of a uniform height of 1½ feet, so smooth and level in its growth that a row of it resembles a well-kept hedge. It is blue, round pea, and is nearly as early as the American Wonder. In quality and flavor, Blue Beauty cannot be surpassed	10	15	25	1 30
* Abundance. This variety is remarkable for branching directly from the roots. Excellent quality. Height, 3 feet	10	15	25	1 50
* McLean's Advancer. A standard market sort, long pods, well filled, excellent quality. Height, 2½ feet	10	15	30	1 50
* Horsford's Market Garden. A wrinkled variety coming in between Little Gem and Advancer. It is very prolific, yielding more per acre than any other American pea. Excellent quality. Hgt., 2 ft.	10	15	25	1 30
* Everbearing. Produces very long pods and large peas. Sow thin. Height, 3½ feet	10	15	25	1 50
* Heroine. Enormously productive; pods large, long, slightly curled, pointed pods, containing from nine to 10 large peas of the finest quality. Height, 2½ feet	10	15	30	1 50
* Champion of England. Acknowledged to be the best of the tall-growing late varieties; the pods and peas are of the largest size and excellent quality. Height, 5 feet	10	15	25	1 25

LATE OR MAIN CROP PEAS.

* Telephone. A tall wrinkled narrow, enormously productive, and of fine quality. The pods are of the largest size and contain from six to seven large peas. Height, 4½ feet	10	15	30	1 50
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PEAS—Continued.

Juno. One of the best peas in cultivation. It has a robust vine and stout, straight pods, usually borne in pairs. The pods are very thick, broad-backed all the way up, and filled from the stem to the lips with seven to nine sweet, delicious dark green peas of immense size. Height, 2 ft. Per pkt., 10c.; pt., 15c.; qt., 30c.; peck, \$1.60.

Black-Eyed Marrowfat. Hardy and prolific. Height, 3 ft. Per pkt., 10c.; pt., 15c.; qt., 20c.; peck, \$1.00.

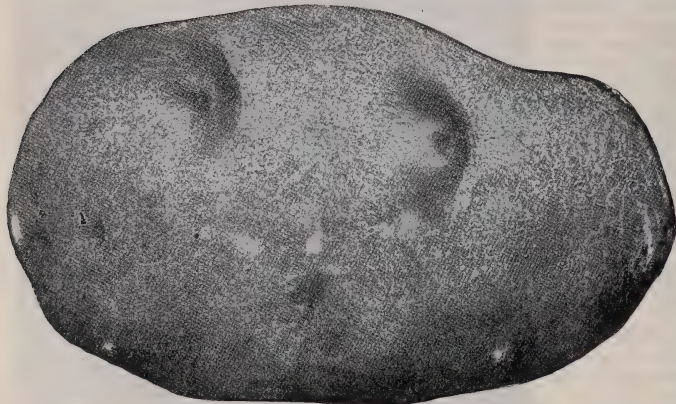
SUGAR PEAS—Edible Podded.

Melting Sugar. Grows to the height of 5 feet, bears a profusion of large, broad pods, which are so brittle that they snap without any string. It should be used in much the same way as a Wax Bean. The pods when cooked are very sweet and tender. Pkt., 15c.; pt., 25c.; qt., 40c.; peck, \$2.50.

Very Dwarf Sugar. Unusually dwarf, very similar in habit to the American Wonder. The pods are beautifully crimped, are of unusual size for such a small-growing sort, and are of exquisite, melting quality. $\frac{1}{2}$ pint, 15c.; pt., 25c.; qt., 40c.; peck, \$2.50.

POTATOES.

Two bushels cut tubers will plant one acre.



Extra Early Potato, the Bovee. The earliest of all and a great cropper. The Bovee in all competitive trials has outyielded all the early potatoes, and in many of the tests conducted by experiment stations and private growers it has outyielded even the late varieties, including such heavy cropping kinds as Carman No. 1, Empire State, Rural New Yorker No. 2, and others. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close up to the vine. Per peck, 85c.; bush., \$2.50; bbl., \$4.50.

Carman No. 1. Largest size, handsome form, greatest yielder, finest table quality. Per $\frac{1}{2}$ peck, 50c.; peck, 75c.; bush., \$2.25; bbl., \$4.25.

Early Norther. Several days earlier than the Early Rose, and equally prolific; a most desirable sort. It is a strong, vigorous grower, and the potatoes are bunched well together in the hills. Per peck, 85c.; bush., \$2.50; bbl., \$4.50.

Early Puritan. Entirely distinct from all other early sorts, the skin being nearly pure white. It cooks dry and floury, and is unequaled in quality. Per peck, 85c.; bush., \$2.50; bbl., \$4.50.

Early Rose. A standard variety, early, productive and of excellent quality. Per $\frac{1}{2}$ peck, 40c.; peck, 70c.; bush., \$2.00; bbl., \$4.00.

Clarke's No. 1. Earlier than the Early Rose and very productive. Cooks mealy. Peck, 70c.; bush., \$2.00; bbl., \$4.00.

New Ideal. Is a handsome potato, having a pink russet skin. Per peck, 70c.; bush., \$2.00; bbl., \$4.00.

Rural New Yorker. Large, smooth variety, of excellent quality; white skin and flesh, with few and shallow eyes. Per peck, 70c.; bush., \$2.25; bbl., \$4.00.

Late Puritan. In the Late Puritan we have a potato which is identical with the Early Puritan in appearance, color and quality, but *far more productive*. Per peck, 70c.; bush., \$2.00; bbl., \$4.00.

Beauty of Hebron. Slightly flesh-colored skin, with pure white flesh; one of the most popular earlier varieties. Per $\frac{1}{2}$ peck, 40c.; peck, 70c.; bush., \$2.25; bbl., \$4.00.

Rochester Rose. The Rochester Rose, which we now offer, is a seedling of the Early Rose, and is an improvement in every respect. It will average larger in size, is not quite so early, and is a much heavier yielder. Per peck, 70c.; bush., \$2.00; bbl., \$4.00.

New Queen. In shape and color resembling White Elephant; fine quality. Per $\frac{1}{2}$ peck, 40c.; peck, 70c.; bush., \$2.00; bbl., \$4.00.

Burbank. A white skinned medium early variety. Flesh of fine grain and of excellent flavor. Per peck, 70c.; bush., \$2.00; bbl., \$4.00.

PUMPKIN.

One ounce will plant 50 hills.

Culture.—Plant in April or May, among corn or in the garden, in hills eight or 10 feet apart, and otherwise treat in same manner as melons.

Large Cheese. The best for table purposes. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Jumbo. Largest variety grown, often attaining a weight of 200 lbs. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

Large Tours, or Mammoth. Grows to an immense size, often weighing over 100 lbs. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Calhoun. Very fine. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Connecticut Field. Grown for stock purposes. Per oz., 5c.; $\frac{1}{4}$ lb., 10c.; lb., 30c.



Large Cheese Pumpkin.

RADISH.

One ounce will sow about 100 feet of drill.

Culture.—Sow for early crops in March, in hotbed, and in April and May in a warm border, and continue throughout the season in fortnightly sowings, in drills an inch deep and a foot apart.

EARLY TURNIP VARIETIES.

- Scarlet.** Very early. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.
- Scarlet Forcing.** Crisp; matures in 20 days. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.
- Scarlet White-Tipped.** Fine for early forcing in frames or outdoors. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
- Scarlet White-Tipped Forcing.** Per oz., 10c.; $\frac{1}{2}$ lb., 25c.; lb., 75c.
- Early White Turnip.** A small, round sort, inclined to flat. Its beautiful pure white color makes it very useful for mixing with other sorts. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Early Scarlet Globe. Of distinct shape, brilliant color, short-leaved; crisp and white; an excellent variety for forcing. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Yellow Summer. Splendid variety; stands heat and drought well. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Large White Summer. Large size and fine form; excellent for summer use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Large Gray Summer, Large size, round. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

OLIVE-SHAPED VARIETIES.

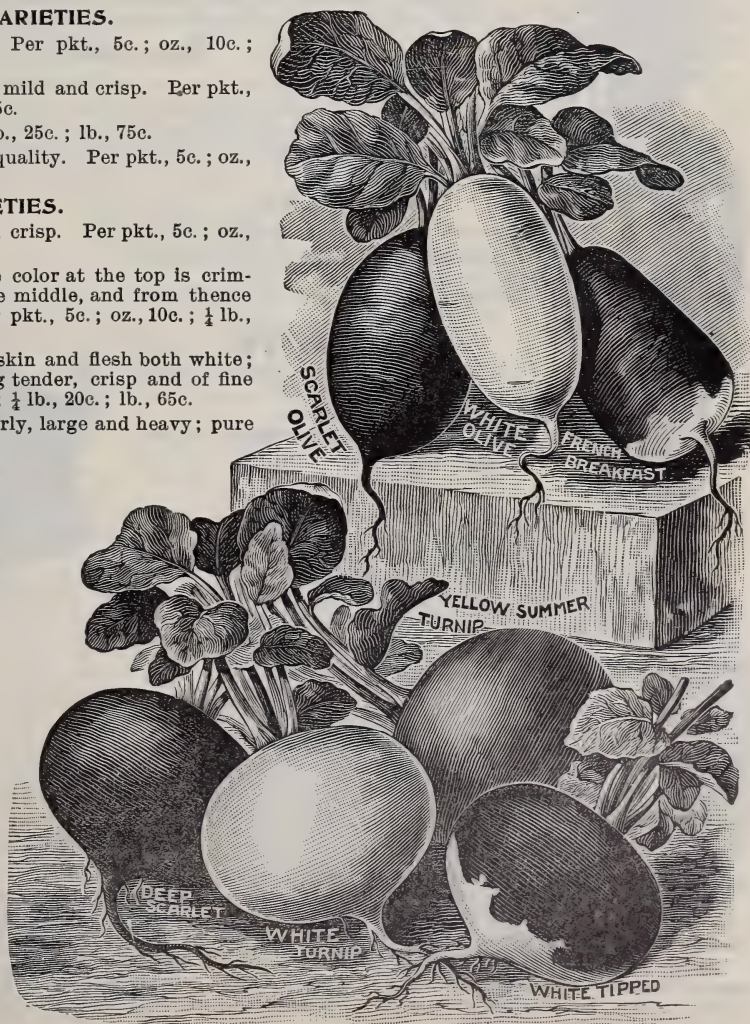
- Scarlet.** Flesh bright and crisp. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
- French Breakfast.** A favorite sort, mild and crisp. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
- White.** Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
- Golden Yellow.** A new sort of fine quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

LONG VARIETIES.

- Scarlet Short Top.** Very long and crisp. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Scarlet Chartier White-Tipped.** The color at the top is crimson, running into pink about the middle, and from thence downward is a pure white. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 65c.
- White Strasburg.** Shape tapering; skin and flesh both white; excellent summer variety, being tender, crisp and of fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.
- Giant White Stuttgart.** Medium early, large and heavy; pure white throughout; very tender and delicious flavor. A very popular sort. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Long White Vienna, or Lady Finger.** Pure white in color, of long, tapering shape; very attractive in appearance; sweet, mild and delicious; matures in about 25 days. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

WINTER RADISHES.

- Rose China.** Bright rose color; flesh firm and piquant; fine for winter use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Long Black Spanish.** The popular winter sort. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Round Black Spanish.** Fine for winter use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Half-Long Black Spanish.** A fine market gardeners' strain. Flesh white and crisp; fit to use early in the fall. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



RHUBARB.

One ounce will produce about 1000 plants.

Culture.—Sow early in spring, in drills one inch deep and a foot apart; thin out; transplant the following season four feet apart each way. The ground should be drenched and well manured.

Linnaeus. Early, large and tender. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Victoria. Very large, somewhat later than Linnaeus. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Rhubarb Roots. Each, 10c.; per doz., \$1.00.

SALSIFY, or VEGETABLE OYSTER.

One ounce will sow about 50 feet of drill.

Culture.—Sow the seed early in spring, in drills 12 inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

Mammoth Sandwich Island. Tender and delicious. Superior to all other sorts. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

SCORZONERA.

One ounce will sow about 50 feet of drill.

Culture.—Cultivate the same as Salsify. The roots should not be scraped, but simply washed, boiled tender, then peeled and served like asparagus. Pkt., 5c.; oz., 50c.; $\frac{1}{4}$ lb., 85c.

SEA-KALE.

One ounce will produce about 300 plants.

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all winter by planting the roots closely in a warm cellar before frost. Sow one inch deep in drills two feet apart, thin out to six inches, and the next spring plant in hills three feet apart.

Sea-Kale. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

SORREL.

One oz. will sow about 100 feet of drill.

Culture.—Sow early in the spring in drills six to eight inches apart.

Garden. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

SPROUTS.

One oz. will plant about 150 feet of drill.

Culture.—Sow in drills one inch deep, and treat the same as kale.

Spring Sprouts, or English Rape. Qt., 25c.
Winter, or Siberian. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

SQUASH.

One oz. early Squash will plant about 25 hills. One oz. of Marrow Squash will plant about 50 hills.

Culture.—The Squash succeeds best in good rich soil. It is not advisable to plant before May 15. Sow in hills in the same manner as cucumbers and melons.

Early White Scallop Bush. A very early and white market variety. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Yellow Scallop Bush. Similar to the preceding, except in color. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Mammoth White Bush. An improvement on the Early White Scallop Bush. Very large. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Early Summer Crook Neck. A very fine early summer variety. Fruit is yellow, fine flavor and productive. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Golden Custard. Mammoth strain of the Early Yellow Scallop Bush. Golden yellow flesh, quality excellent. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Perfect Gem. Round, white, very productive, and of fine quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Boston Marrow. Medium early; oval in shape; yellow flesh, and of most excellent quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.



Hubbard Squash.

Marblehead. Resembles the Hubbard, but has gray skin. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Hubbard. Finest of all the late-growing varieties. Bluish green color, occasionally marked with brownish orange. Will keep from September to May. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Mammoth Chili. Grows to an immense size, often weighing 200 lbs.; rich orange-yellow. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

Winter Crook Neck. Splendid for winter; flesh, close-grained, sweet and of fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Vegetable Marrow. A favorite English and Canadian sort; oblong, from nine to 18 inches in length. Flesh, white, soft and very delicious. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.



Salsify.

SPINACH.

One ounce will sow about 100 feet of drill.

Culture.—Sow in March or April in drills one inch deep and 14 inches apart; again in August and September. Spinach delights in very rich soil—in fact, it is of no use sowing in a poor one.



Long Standing Spinach.

lent used as greens. Considered by many much superior to either spinach or beet-tops as greens. Sow the seed as early as the ground can be worked, in drills, about a foot apart. As it grows, thin out for use.

Swiss Chard. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Bloomsdale Savoy-Leaved. A valuable variety with wrinkled leaves, resembling the Savoy cabbage; hardy and prolific. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Large Thick-Leaved. Fine market sort. It produces a large, thick leaf and stands for a long time before running to seed. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Round Leaved. One of the best for market or family gardens. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Large Thick-Leaved Viroflay. A fine selection of the old lettuce-leaved spinach. Excellent for summer use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Long Standing. A distinct variety, standing from two to three weeks longer than any of the other sorts without going to seed in this climate. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

New Zealand. Produces leaves in great abundance throughout the summer; it should be transplanted two by three feet. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Victoria. New extra dark black-green color. Two or three weeks later than the ordinary Long Standing. A fine variety for spring sowing. Per pkt., 5c.; oz., 10c.; lb., 35c.

SWISS CHARD.

One ounce will sow about 100 feet of drill.

Culture.—This is a beet producing only leaves, and is excel-

lent used as greens. Considered by many much superior to either spinach or beet-tops as greens. Sow the seed as early as the ground can be worked, in drills, about a foot apart. As it grows, thin out for use.

Swiss Chard. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

TOMATO.

One ounce will produce about 1000 plants.

Culture.—The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be transplanted into another hotbed and planted four inches apart, or planted in four-inch pots, allowing a single plant to a pot. About the 15th of May the plants may be set out in the open ground three feet apart. Water freely at the time of transplanting. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of the room or kitchen. The fruit is greatly improved in quality if the vines are tied to a trellis or to stakes.

Mikado. Distinct foliage; one of the earliest. Fruit very large, smooth, solid and of excellent quality. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Ponderosa. The largest variety in cultivation. Per pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

Early Ruby. Extra early; good form, rich crimson color, very solid; fine market sort. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

Magnus. This distinct new variety is of the same color as Beauty and Acme, but is thicker, heavier and more solid than either of these sorts, making it easily the most handsome sort in cultivation. The form is perfect, uniform, large and attractive; flesh is very firm; a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. Besides being the most desirable variety grown in the open field, it is entirely unequalled for forcing in greenhouses. Per pkt., 10c.; per oz., 50c.

Crimson Cushion. The Crimson Cushion is more symmetrical in shape than the Ponderosa, and is much thicker through from stem to blossom end; in fact, so marked is this characteristic that it is frequently almost round. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost completely to the stem. The flesh is firm and "meaty," and of superb quality. Per pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.



Tomato, Magnus.

TOMATOES—*Continued.*

- Lorillard.** Bright, glossy red, smooth; of fine flavor and very early. The best variety to be grown under glass. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.
- Perfection.** Smooth, productive and a good shipper. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.
- Dwarf Champion.** Distinct in foliage and habit of growth, being compact and upright; fruits early; medium size, and resembles the Acme in appearance. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.
- Sutton's Best of All.** Highly recommended for growing under glass. Per pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.
- Beauty.** Large, smooth, pinkish-red; thick flesh, regular form. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.
- Stone.** One of the best. It is very large, perfectly smooth, and of a bright scarlet color. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.
- Acme.** Early, of medium size, perfectly smooth, very solid and productive. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.
- Trophy.** Improved. A standard variety. Very solid, smooth and excellent in every respect. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.
- Atlantic Prize.** The earliest of all; smooth, bright red and of good size. Per pkt., 5c.; oz., 30c.
- Honor Bright.** Rich, bright red; long keeper and fine shipping sort. Per pkt., 5c.; oz., 25c.
- Golden Queen.** About size and form of Beauty; smooth, golden yellow. Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.
- Strawberry.** Small fruit, borne in clusters; used for preserves. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

*Acme Tomato.*

TOMATO PLANTS, 25 cts. per dozen; \$1.50 per 100.

TOBACCO SEED.

- Connecticut Seed Leaf.** The popular sort, used for cigar wrappers. Per pkt., 10c.; oz., 25c.
- Imported Havana.** Per pkt., 10c.; oz., 25c.

TURNIP.

One ounce will sow about 150 feet of drill.

Culture.—Sow in spring, and again in July and August, in drills half an inch deep and 18 inches apart; thin out to six inches in the row. Sow Ruta-Bagas in June and July in drills two feet apart each way; thin out to nine inches in the row.

Early White Milan. As early as the Early Purple Top Milan, and possesses all of its good qualities. The entire bulb, inside and out, is clear ivory white in color; the outer surface is perfectly smooth. It grows so quickly that even the outer surface of the bulb is quite tender. Its table qualities are unequaled, being of most delicate flavor and tempting appearance. It will undoubtedly find a welcome in our markets, as, in addition to the heavy crop assured by its adaptability for close planting, it will be found to be fit for use at least a week earlier than any other white variety in cultivation. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

White Egg. Shape nearly oval, flesh firm, smooth white skin; mild and very sweet. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

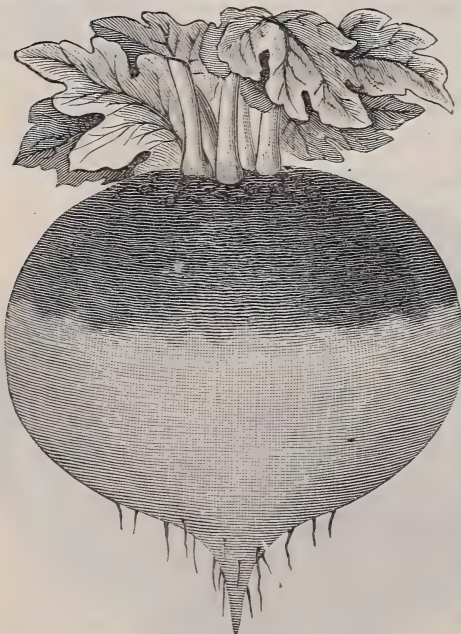
Early Snowball. Small, solid, crisp and sweet; one of the best for table use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Purple Top Munich. One of the earliest varieties. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Red Top Strap Leaf. A standard sort, extensively grown for market and private use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Red Top Globe-Shaped. Standard sort in the New York market. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

White Strap Leaf. Early variety. Per pkt., 5c.; per oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 50c.

*Yellow Aberdeen.*

TURNIPS—Continued.

- Yellow Stone.** One of the best yellow-fleshed sorts for table use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Golden Ball.** Splendid form, bright yellow color; fine keeper; unsurpassed for table use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
- Long White, or Cow Horn.** A quick-growing, long-shaped variety; flesh fine-grained and sweet; excellent for table use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Early Purple-Top Milan.** Earliest of all purple-top turnips. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Yellow Aberdeen.** A very hardy and productive variety of fine form and excellent quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

RUTA-BAGA (RUSSIAN OR SWEDISH TURNIP).

- Improved American.** A yellow-fleshed, purple-top variety, grown either for stock or table use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Long Island Improved.** The best variety offered. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
- Long White French.** A delicate flavored variety; an excellent keeper and fine for table use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.

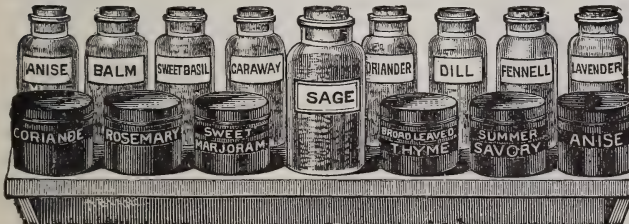


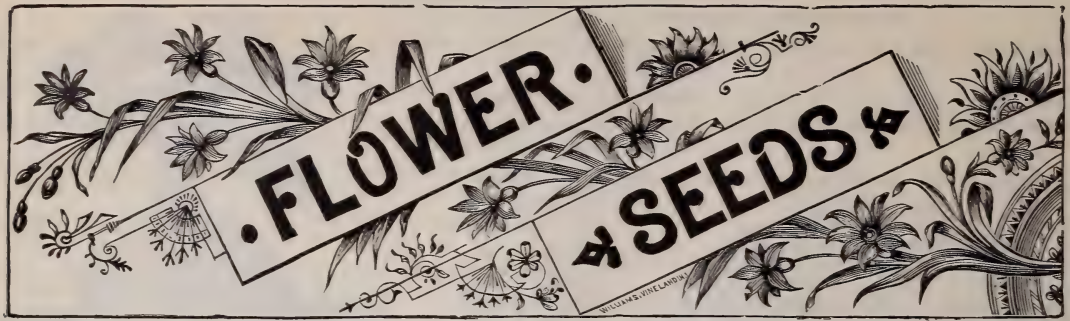
Ruta-Baga, Improved American.

HERBS.

SEEDS OF SWEET, POT AND MEDICINAL.

	Per pkt.	Per oz.	Per $\frac{1}{2}$ lb.	Per lb.
Anise. For garnishing and seasoning	\$0 05	\$0 10		
Balm. Used for balm tea or balm wine	05	30		
Basil, Sweet. Used for highly seasoned dishes	05	20		
Bene. A medicinal plant	05	20		
Burnet	05	30		
Borage. Leaves used for salads	05	15		
Caraway. Used for flavoring	05	10		
Catnip	05	10		
Coriander. Used chiefly for garnishing	05	10		
Dill. Used to flavor soups, etc.	05	10	\$ 0 25	\$0 60
Fennel	05	10	25	
Forehound. Useful tonic properties	05	25		
Hyssop. For medicinal purposes	05	15		
Lavender. A popular aromatic herb, emitting a delightful perfume	05	20		60
Marjoram, Sweet. Popular for seasoning	05	20		60
Rampion. The roots and leaves are excellent as salad	05	30		
Rosemary. An aromatic herb	05	20		
Rue. Has medicinal qualities	05	20		
Saffron	05	20		
Sage. The leaves and tender tops are used in stuffing and in sauces	05	15	50	1 50
Savory, Summer. Used for seasoning	05	15	40	
Tarragon (Esdragon). True. Used for seasoning	25			
Thyme, Broad-Leaved. For seasoning; also useful as a bee food	05	35	1 00	
Winter Savory	05	20		
Wormwood	05	35		





HOW TO SOW FLOWER SEEDS.

THE interest attached to the raising of plants from seeds, whether of old-established favorite or others of a more recent introduction, is well known to all who have attempted it; therefore the following practical directions cannot fail to prove of value to amateur cultivators.

Take boxes from three to five inches deep, filled to within half an inch of their tops with a light, sandy soil, sifted fine; sprinkle the seeds on top and cover lightly, according to the kind, the coarser the seed the more soil being required. Then press the soil lightly with a flat piece of wood or trowel; water with a sprinkler or with a very fine spray. Place your boxes in a light, sunny place, covering them with a piece of glass, or, if too early in spring, place them in the house in front of the window where the sun's rays can reach them. When the tiny little plants have as many as four or five leaves, transplant them into larger boxes or pots containing a somewhat richer soil, two inches apart each way. When the weather becomes warm and you are prepared to arrange your garden, transplant to places where you want them to grow and bloom. These directions refer principally to small seeds, but may be followed with all kinds, as they point out the surest way to raise plants from the seeds.

All hardy Annuals and some Perennials will succeed well if sown in the open air about the end of April or the beginning of May. In this case one more important point must be observed, that of "thinning out" the plants in their earlier stages; for if the young plants are allowed to remain in a crowded state they will soon spoil each other, and therefore must be thinned out. This should be done cautiously at first, only enough to give the remainder a clear space, and again when two or three inches high. The number of plants finally left must depend on the size and habit of the species; if large and spreading, single plants are best, otherwise two or three may remain an equal distance apart; if small and spreading or trailing, two or three more may be left, but they should be six inches apart.

In transplanting, care must be taken: lift the plants carefully by the use of a garden trowel, retaining as much soil to the roots as possible. This should be done in wet or cloudy weather, and if the ground is dry a good soaking with water before and after planting is advisable.

Imported Collections of Flower Seeds.

We invite careful attention to the collections offered below. These are put up in Germany, and contain only seed saved from the very finest plants. In each collection the colors are separate; for instance, the collection of 24 Truffaut's Pæony Perfection contains 24 separate and distinct colors or varieties of the class.

Collections of Choice Asters.

12 Victoria Prize, 90c.; 6 Victoria Prize, 50c.; 12 Truffaut's Pæony Perfection, 75c.; 6 Truffaut's Pæony Perfection, 45c.; 12 Dwarf Chrysanthemum-flowered, 75c.; 6 Dwarf Chrysanthemum-flowered, 50c.; 12 Giant Comet, \$1.00; 8 Giant Comet, 75c.; 6 Giant Comet, 60c.

Collections of Balsams, including—

6 varieties Improved Camellia-flowered, 65c.; 12 varieties Double Rose-flowered, 65c.; 6 varieties Double Rose-flowered, 35c.

Choice Collections, including—

6 varieties Marigold, Double French, 25c.; 6 varieties Marigold, African, 25c.

Choice Collections, including—

12 varieties Chrysanthemum, Annual, 50c.; 6 varieties Chrysanthemum, Annual, 35c.

Collections of Petunias, including—

12 varieties Fine Large-flowering, \$1.00; 6 varieties Fine Large-flowering, 60c.

Collections of Pinks, including—

12 varieties Fine China, 50c.; 6 varieties Fine China, 30c.

Choice Collections, including—

12 varieties Hollyhocks, Double Prize, \$1.00; 6 varieties Hollyhocks, Double Prize, 60c.

Collections of Nasturtiums.

12 varieties Dwarf Tom Thumb, 50c.; 8 varieties Dwarf Tom Thumb, 35c.

Collections, including—

12 varieties Nasturtium, Tall, 50c.; 8 varieties Nasturtium, Tall, 25c.

Collections of Poppies, including—

12 varieties Dwarf Carnation, 50c.; 12 varieties Pæony-flowered, 50c.; 6 varieties Double Dwarf Pæony-flowered, 30c.; 6 varieties Ranunculus-flowered, 30c.

Collections of Zinnias, including—

10 varieties Beautiful Double, 50c.; 6 varieties Beautiful Double, 40c.; 8 varieties Dwarf Double, 50c.; 6 varieties Dwarf Double, 40c.

Floral Novelties and Rare and Valuable Varieties of Flower Seeds.



Empress Frederick.

Simple's Giant Late-Flowering Asters.

A handsome strain of late-flowering Asters. Superior to all other sorts of this class, lengthening the Aster season until frost. The flowers are very large, measuring four inches in diameter, of purest colors, and are borne on long stems. They begin to bloom early in September.

Pure White, Lavender, Shell Pink, Bright Crimson, Dark Purple or above varieties, mixed, per pkt., 10 cts.

New Comet Aster.

Empress Frederick.

A beautiful pure white, Dwarf Comet Aster, the flowers measuring 4 to 5 inches in diameter, and of the most refined and elegant globular form—but the feature which constitutes its special merit is the compact, sturdy, and thick set habit of the plant, which makes it particularly suitable for growing in pots. The strong main stem bears a superb flower of extra large size, which is surrounded and partly over-topped by other fine globular blooms borne on side shoots to the number of 8 to 12. Price, 25c.

The Latest Floral Wonder.

Shasta Daisies.

(Chrysanthemum Leucanthemum Hybridum.)

"Shasta Daisies" can be grown out-of-doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial, blooming better and more abundantly each season. They are not particular as to soil. Third, they bloom for several months—in California nearly all the year. Fourth, the flowers are extremely large and graceful, averaging about a foot—often more—in circumference, with three or more rows of petals of the purest glistening whiteness, on single, strong, stiff, wiry stems, nearly two feet in length. These "Shasta Daisies" should not be confounded with the coarse *Chrysanthemum lacustre* of the Catalogues or the common "American field daisy."

The blooms when cut remain perfectly fresh and in good condition for two weeks or more. Many new and graceful forms have lately appeared among the "Shasta Daisies," and well-marked colors are now appearing in a flower which was never before seen except in white. Per pkt., 50 cts.



Shasta Daisies.

SINGLE WALLFLOWER, Tom Thumb Varieties (Benary).

Owing to the very useful nature of the Single Black-Brown Tom Thumb Wallflower, frequent attempts have been made to raise other distinct varieties of a similar habit. These endeavors have not hitherto been successful, as the colors will not come true from seed. We are pleased to be able to offer a mixture which produces a rich variety of color. The flowers range in hue between light and dark yellow, light brown, chamois, violet and dark red, and nearly all the plants have the compact build and dwarf habit (6 to 8 inches) of the typical variety.

Price per pkt., 25c.



Single Annual Wallflower.

NEW LARGE-FLOWERING SCOTCH BORDER PINKS.

These are great improvements over the charming favorites of old-fashioned gardens. The flowers are larger than the old sort—very double, beautifully fringed, have a great variety of colors and markings, emit a grateful clover-like perfume, and are borne on short, stiff stems, making the plant, when in full bloom, about one foot high.

The erect habit and dense foliage prevent the flowers from being splashed with mud, which so disfigured the long-stemmed nodding flowers of the old pinks in wet weather. They are excellent perennial plants, vigorous, very hardy, and bloom profusely during spring and early summer.

Price per pkt., 25c.



Pyrethrum Roseum Hybridum Grandiflorum.

Pyrethrum Roseum Hy- bridum Grandiflorum.

Few perennials can be more beautiful than well-grown hybrids of *Pyrethrum roseum*. Not only are they, through their vivid coloring and long-lasting bloom, most effective in the open border, either singly or in groups, but the splendid long-stalked, ray-shaped flowers are of exceptional value for cutting, reaching 4 inches in diameter and presenting all the beautiful variations of color between light rose and deep carmine.

Price per pkt., 25c.



Petunia.

Large-Flowering Giant Petunias.

A strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green, or maroon, running off into intricate veins. Some of the colors are rich and gorgeous, and others of lovely delicate shades.

Grandiflora, Single Mixed	Per pkt., \$0 25
Grandiflora, Single Fringed, Mixed	“ 25
Grandiflora, Double Fringed, Mixed	“ 25



Centaurea odorata.

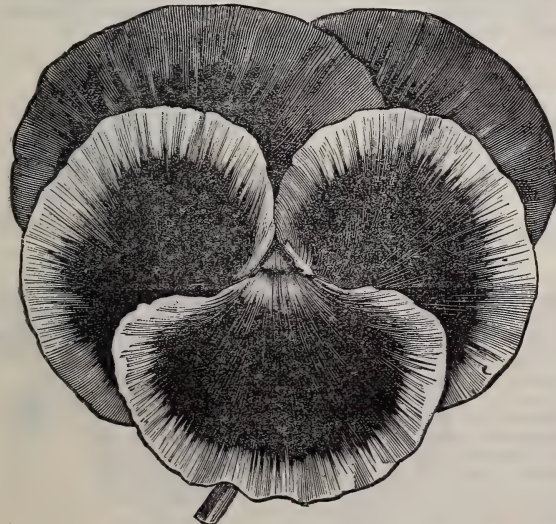
CENTAUREA ODORATA.

(Mammoth Flowering Sweet Sultan.)

The old Sweet Sultan has long been a favorite garden annual of the easiest culture. These new mammoth-flowering varieties are grand improvements, producing blossoms from 2½ to 4 inches across, of graceful, airy effect, and are most deliciously fragrant—they are simply invaluable for cutting for vases, and for wearing as corsage flowers they are marvelously effective. Height, 2 feet.

Margaritæ, pure white. **Chameleon**, light yellow and rose.
Odorata, light blue. Per pkt., 10c.

Giant Imperial Sweet Sultan. Centaurea Imperialis.
Mixed Colors. Per pkt., 10c.



Non-Plus Ultra Pansy.

Allen's Defiance Mignonette.

This gorgeous Mignonette has qualities heretofore unknown in large-flowering varieties, being deliciously fragrant.

When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long. The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens. Per pkt., 10 cts.

Non-Plus Ultra Pansy.

Our "Non-Plus Ultra" Pansy is a mixture containing the largest, handsomest, most perfect varieties ever sent out. The beautiful coloring and variety of marking give a bed of these pansies a most brilliant appearance. The seed having been saved from the greatest assortment of types, including only the best of Giant Cassiers, Bugnots, Trimardeaux, and Giant English, French and German strains. Per pkt., 25c.

GENERAL LIST OF FLOWER SEEDS.

ABRONIA. Verbena-like plants, very fragrant, especially toward evening. Charming trailers for vases, rockwork, etc. Half-hardy annual.

Umbellatum, rosy pink, height, $\frac{3}{4}$ ft. Pkt., 5c. **Arenaria**, lemon yellow, height, $\frac{3}{4}$ ft. Pkt., 5c.

ABRUS PRECATORIUS. (*Prayer Bean; Crab's Eye.*) Chiefly remarkable for its small egg-shaped seeds, which are of a brilliant scarlet color, with a black mark. These seeds are used for necklaces and other ornamental purposes. Pkt., 10c.

ABUTILON. Large bell-like flowers, various colors; strong growers, flowering continually, suitable for house in winter and garden in summer. Tender perennial.

Mixed Colors per pkt., \$0 10

ACACIA. Decorative greenhouse shrubs with elegant foliage; flowers yellow, white or red, 3 to 6 ft. Perennial. **Mixed Varieties** per pkt., \$0 10

ACONITUM (*Monkshood*). Showy hardy plants, growing well in shaded situations. **Napellus** (blue) per pkt., \$0 10 **Mixed** per pkt., \$0 05

ACROCLINIUM. (*Everlastings.*) Very graceful plants, much used for winter bouquets. The flower heads should be gathered when young, if to be preserved. Half hardy annual.

Rose, white or mixed, 1 ft. . . per pkt., \$0 05

Double, rose, white or mixed, 1 ft. per pkt., \$0 05

ADLUMIA. (*Mountain Fringe.*) Charming climber, beautiful feathery foliage, rose-colored flowers. Hardy biennial.

Cirrhusa, 15 ft. per pkt., \$0 10

ADONIS. Very popular border plant, of easy culture, showy and free bloomers. Hardy annual.

Æstivalis (Flos Adonis), crimson, 1 ft. per pkt., \$0 05

Autumnalis (Pheasant's Eye), Blood red, black eye, 1 ft. " 05

Vernalis (Hardy Yellow Adonis). Produces large yellow flowers in early spring, $\frac{3}{4}$ ft. " 05

AGAPANTHUS UMBELLATUS. (*African Lily.*)

A beautiful tuberous-rooted plant. Blue flowers; tender perennial Per pkt., 10c.

ALONSOA. (*Grandiflora.*) Bright little annuals of fine habit; require some protection in cold weather. Sow in hotbed, and plant out early in May. Per pkt., 5c.



Abutilon.



Adonis vernalis.

AGROSTEMMA. (*Bose Fampion.*) Showy flowers of various colors, borne freely; fine for beds. Hardy perennials, $1\frac{1}{2}$ ft.

Mixed per oz., \$0 40; per pkt., \$0 05

Cœli Rosea (Rose of Heaven), rose " 05

Cœli Rosea alba, white " 05

ALSTROMERIA. (*Fulchella.*) A greenhouse perennial, having brilliant yellow flowers with red streaks. Per pkt., 10c.

ARCTOTIS GRANDIS. Remarkably handsome new annual from Southwest Africa, growing luxuriantly in our climate and forming profusely branched bushes of about 2 to $2\frac{1}{2}$ feet in height and breadth. Leaves are soft and whitish on both surfaces. Its flower heads, borne on long stems and rising well above the foliage, are large and showy, from $2\frac{1}{2}$ to 3 inches across; the ray florets, being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Under the influence of bright sunlight the flowers spread out almost flat, and the pure white of the ray florets contrasts beautifully to the light blue disk with its slightly projecting white stamens, a lovely combination of colors. Being of very easy culture, the plants produce their splendid flowers most abundantly and in constant succession from early summer to the autumn. Magnificent and prominent novelty. Per pkt., 20c.



Acroclinium.]

AGERATUM. (*Floss Flower.*)

This indispensable plant keeps up a constant succession of bloom from early summer till frost. Fine for bedding. Annuals.



Dwarf Ageratum.

Lasseauxi, rose, 2 feet	Per oz.	Per pkt.
Swanley Blue, large flowered, dark blue		\$0 05
Tom Thumb, blue, ¼ foot	\$0 60	05
“ white, conspicuous		05
“ Princess Pauline, sky-blue flowers, with white centers. 8 in.		10
“ Little Dorrit, compact, 6 inches, blue		05
“ Little Dorrit, white		05
Imperial, dwarf, blue		05
“ “ white		05
Dwarf Yellow, delicate chamolais yellow		10
Mixed Varieties	60	05

ALYSSUM.

These favorites are easily cultivated, either in the garden, window boxes, or vases, etc. Also well adapted for ribbon gardening. Hardy annuals.

Sweet Alyssum, white, 1 foot	Per oz.	Per pkt.
“ “ (Little Gem), one of the finest of plants for edging or ribbon work	\$0 25	\$0 05
Saxatile Compacta hardy, dwarf, golden yellow	60	05
White Carpet (Compactum procumbens), pure white, grows only 2 or 3 inches high and flowers profusely. Per pkt., 5c.		



Alyssum.

Wierzebeckii. Summer blooming, yellow Per pkt., \$0 05

AMARANTHUS.

Fine ornamental-leaved foliage plants, invaluable for bedding, their foliage running into scarlet, crimson, yellow, variegated, etc. Hardy annual.

Cruentus (Princess' Feather) 3 feet	Per pkt.	\$0 05
Tricolor (Joseph's Coat), red, yellow and green. 3 feet		05
Caudatus (Love-lies-bleeding), long, dark red, drooping flower spikes. 3 feet		05
Mixed Varieties	per oz.,	20c. 05

AMPELOPSIS VEITCHII. (*Boston or Japan Ivy.*)

Valuable, hardy and perennial climber, clinging to the walls of wood, brick or stone. foliage dense, of glossy green, changing to red and yellow in the autumn. Per pkt., \$0 10

ARDISIA.

Crenulata, a fine greenhouse ornamental plant, with scarlet berries “ 10

ANGELONIA.

Beautiful for pot culture, with spikes of sweet-scented blue flowers; large flowering. Per pkt., 5c.

ANTIRRHINUM. (*Snapdragon.*)

This is a great favorite, of the easiest culture, unsurpassed for summer or fall flowering. Splendid for bedding and edgings. Hardy annual.

Queen Victoria. This splendid new snapdragon combines the elegant fine cut foliage characteristic of the improved varieties, with unusually large flowers of a brilliant white. A very handsome variety	Per pkt.	\$0 25
Dwarf White , striped purple, yellow or scarlet		05
Tall Grandiflorum album , pure white		10
“ “ Brilliant scarlet, golden and white.		10
“ “ Striatum , fine striped varieties		10
“ “ Crescia , fine deep scarlet		10
“ “ Yellow and orange		10
“ “ Striped red		10
“ Romeo , deep rose, stained flesh color and spotted with yellow on lower lip		10
“ Mixed , 1½ feet	per oz.,	50c. 05
Dwarf Mixed , 1 foot	“	50c. 05

ANAGALLIS. Free-blooming bedding plants.
Grandiflora Mixed 05

ALONSOA.

Tender plants, with small, but remarkably pretty flowers in brilliant colors.

Albiflora , white	per pkt.,	\$0 05
Warszewiczii , bright scarlet		05
Mixed	“	05

AMMOBIUM. (*Everlastings.*)

Beautiful everlastings, fine for bouquets. Hardy annuals.
Double Mixed per pkt., \$0 05



Queen Victoria.

ASTERS.

(*Callistephus*.)

These are among the prettiest annuals in their season, blooming profusely, and producing, in great profusion of color, flowers of the most perfect and beautiful form. Asters can be grown very nicely in pots for early blooming and also for early winter use; half hardy annuals.



TRUFFAUT'S PERFECTION ASTERS.

A very popular class. Very large flowers, almost round, with incurved petals; 2 feet.

	Per pkt.		Per pkt.
White	\$0 10	Crimson	\$0 10
Fiery scarlet	10	Light blue or dark blue	10
Blood red	10	Mixed	10
Rose			10

DAYBREAK ASTER.

A most beautiful bushy, branching Aster, growing about two feet high, with large double flowers composed of incurved petals, almost as regularly placed as in a Dahlia. The coloring is an exquisite tint of rosy shell pink, the flowers are borne upright on stiff long stems, and the plants in bloom are charming beyond description, and for cutting purposes there is not a finer Aster grown. Per pkt., 10c.

GIANT OSTRICH FEATHER ASTER.

Immense flowers, 6 inches across, resembling the Giant Comets, but the petals longer, narrower and more curled; very graceful. White or pink. Per pkt., 10c.

GIANT COMET ASTERS.

Flowers of immense size, often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double half globes. Each plant bears 15 to 20 flowers on very long stems, making them especially valuable for cutting.

Light blue	per pkt., \$0 10	Light rose	per pkt., \$0 10
Dark blue	" 10	White	" 10
Mixed			" 10

WASHINGTON ASTERS.

Produce large flowers of perfect form. Height, 2 ft.

Tinted rose	per pkt., \$0 10	Scarlet	per pkt., \$0 10
Carminé	" 10	Light blue	" 10
Mixed all colors			10

GIANT PERFECTION ASTER.

An improvement on Truffaut Perfection, the flowers being considerably larger and coming into bloom very much earlier.

Mixed colors per pkt., \$0 10

JEWEL, or BALL-SHAPED ASTER.

A magnificent new class. The flowers are perfectly round, very double, with short incurved petals.

Mixed per pkt., \$0 10

NEW DWARF COMET ASTER. EMPRESS FREDERICK.

A pure white Dwarf Comet Aster, flowers measuring 4 to 5 inches in diameter. For complete description see Novelties, page 27. Per pkt., 25c.

CHRISTMAS TREE ASTER.

Distinct early blooming race of peculiar habit, branching out horizontally in the shape of a fir tree. It grows about 1½ ft. high, and the lower branches have a spread of 2 ft. The flowers are globe shaped, often 80 to 100 appearing on one plant. Mixed colors. Per pkt., 10c.

SEMPLÉ'S GIANT LATE-FLOWERING ASTERS.

A handsome strain of late-flowering Asters. Superior to all other sorts of this class, lengthening the Aster season until frost. The flowers are very large, measuring four inches in diameter, of purest colors, and are borne on long stems. They begin to bloom early in September.

Pure white	per pkt., \$0 10	Shell pink	per pkt., \$0 10
Lavender	" 10	Bright crimson	" 10
Dark purple			10

The collection of above five sorts, 40c.

Above varieties, mixed per pkt., \$0 10

VICTORIA ASTERS.

One of the handsomest varieties, both in size and color. They bloom profusely, and the colors include many extremely delicate and some bright colors.

White	per pkt., \$0 10	Light blue	per pkt., \$0 10
Fiery scarlet	" 10	Deep Rose	" 10
Deep purple	" 10	Apple blossom	" 10
Mixed			05

QUEEN OF THE MARKET.

Fully three weeks earlier in blooming than any other Asters. Flowers large and of fine form. Height, 1½ ft.

White	per pkt., \$0 05	Azure blue	per pkt., \$0 05
Crimson	" 05	Light blue	" 05
Dark blue	" 05	Lilac red	" 05
Rose	" 05	Flesh color	" 05

Collection of above eight sorts, 30c.

Mixed " 05

QUEEN OF THE EARLIEST.

The earliest of all Asters. Plants dwarf, bloom freely, the flowers being borne on long stems. Fine for cut flowers.

Pure white per pkt., \$0 10

LARGE FLOWERING PERENNIAL ASTERS.

Finest mixed colors per pkt., \$0 10

SINGLE FLOWERING MARGHERITE ASTER.

Finest mixed colors per pkt., \$0 10



Queen of the Market Aster.

CHRYSANTHEMUM FLOWERED ASTER.

Finest of all dwarf varieties. Flowers are produced in immense clusters of 20 to 30 to a plant, and are very full and double.

White, height 10 in.	Per pkt. \$0 05	Rose	Per pkt. \$0 05
Fiery scarlet	05	Mixed	05
Light blue	05		
Pæony Globe, flowered,		Dwarf Bouquet, mixed, 1 ft.	05
mixed, 1½ ft.	05	Crown, or Cocardeau,	
German Quilled, mixed, 1½ ft.	05	mixed, 1 ft.	10

AQUILEGIA. (*Columbine.*)

The aquilegias are fine, free-flowering, hardy border plants. No garden should be without them. Hardy perennials.

Caryophylloides, double striped,	1½ ft.	Per pkt. \$0 05
Chrysantha, golden yellow,	3 ft.	05
Cœrulea, blue,	3 ft.	05
Vulgaris, double white,	2 ft.	05
Double mixed		05
Single mixed		05

ANEMONE.

Very beautiful spring flowers. Hardy perennials.

Chinensis, fine mixed, 1 ft.	05
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Asparagus Plumosus Nanus.

ARISTOLOCHIA. (*Dutchman's Pipe.*)

A very attractive and highly ornamental climber, with flowers resembling the Pitcher Plant. Hardy perennial.

Sipho	per pkt., \$0 10
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ARALIA SIEBOLDI.

Luxuriant decorative plant for house culture in winter and lawn in summer; large green palm-like leaves; tender perennials. Per pkt., 10c.

BALSAM. (*Lady's Slipper.*)

The well-known Balsams, or Lady's Slippers, are among the finest summer-blooming annuals, free bloomers and highly colored. By transplanting them once the flowers are apt to be more double. Half-hardy annual. Height, 2 ft.

Camellia-flowered, white, alba perfecta	Per pkt. \$0 05
" " extra choice, double mixed	per oz., 50c. 05
" " finest mixed, improved	10

BRACHYCOME. (*Swan River Daisy.*)

A charming dwarf plant of easy culture, covered with a beautiful mass of Cineraria-like flowers. Half hardy annual.

Iberidifolia, blue and white, ½ ft.	per pkt., \$0 05
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BALLOON VINE. (*Cardiospermum.*)

Remarkably rapid climber; very curious. Half hardy annual.

Halicacabum	per oz., 20c.; per pkt., \$0 05
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Balsam Apple, or Pear. (See Momordica.)



Aquilegia.

BARTONIA AUREA.

Golden Bartonia. One of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer. 1 ft. Per pkt., 5c.

ORNAMENTAL ASPARAGUS.

Plumosus Nanus. A greenhouse perennial climber, with graceful and feathery lace-like foliage. Per pkt., 25c.

Sprengeri. Per pkt., 25c.

ASPERULA.

Free bloomer and sweet scented. Chief ingredient of the Maitrank. Per pkt., 10c.



Balsams.



Double Daisy.

BELLIS. (Double Daisy.)

The poet's favorite and one of the most charming spring flowers. Hardy perennial, 1/2 foot.

- Double White per pkt., \$0 10
- Longfellow. Large, double pink " 10
- Snowball. Largest double white " 10
- Double Mixed " 10
- Maxima. Large, double red . . . " 10

BROWALLIA.

Handsome annuals, with blue or white flowers completely studding the bushy plants during the whole summer. 1 1/2 feet.

- Blue per pkt., \$ 10
- White " 10
- Roezli (fine for pots) " 25
- Nana Compacta. Blue. Very dwarf and compact. " 10
- Speciosa Major. Individual flowers are fully 1 inch across, of rich indigo blue; 1 foot high, bushy. " 10
- Jamesoni. Large orange " 05
- Mixed Colors " 05



Coreopsis.

BEGONIA.

For the greenhouse, parlor or garden. The graceful pendulous flowers of this beautiful class render them most desirable; but with added beauty in their glossy waxen foliage, they are simply superb. They are of easy culture and exceedingly useful. Half hardy perennials. 1 foot.



Tuberous Rooted Begonia.

Tuberous Rooted, single mixed. Per pkt., 10c.

Tuberous Rooted, double mixed. Per pkt., 15c.

Vernon. Superb variety; flowers brilliant rich red, which are set off perfectly by the abundant glossy green leaves, broadly margined with bronze and purple. Extremely hardy and floriferous. Seed sown in spring will produce

- blooming plants early in the summer per pkt., \$0 10
- Schmidt, white, very floriferous " 25
- Erfordia, cross between B. Vernon and Schmidt, rosy carmine, free bloomer " 10
- Non Plus Ultra " 10
- Semperflorens fol. aureus " 10
- " Mixed " 10

CACALIA. ("Tassel Flowers," "Flora's Paint Brush," etc.) Very pretty summer-flowering garden plants. Prized for cutting, 1 1/2 feet, annual.

- Coccinea (Scarlet Tassel Flower) per pkt., \$0 10
- Lutea, yellow per pkt., 10c. Mixed Colors " 05

CALENDULA. (Pot Marigold.)

Very showy, free-flowering plants; very effective in beds or mixed borders. Hardy annuals.

- Meteor. Double yellow, striped with orange. Per oz., 25c.; pkt., 5c.
- Prince of Orange. Similar to Meteor, but much darker. Per pkt., 5c.; oz., 25c.

Sulphurea, fl. pl., pkt., 5c.; oz., 40c. **Nankeen.** Colored (Le Proust). Pkt., 5c. **Regalis, fl. pl.** Very double, deep orange. Per pkt., 5c.

CALCEOLARIA.

Magnificent greenhouse plants, with large pocket-shaped flowers, which are borne in the greatest profusion in the spring. 1 1/2 ft.

- James' Giant Strain per pkt., \$0 25
- Carter's Prize Strain " 25
- Rugosa, shrubby for bedding " 25
- Hybrida Mixed " 50

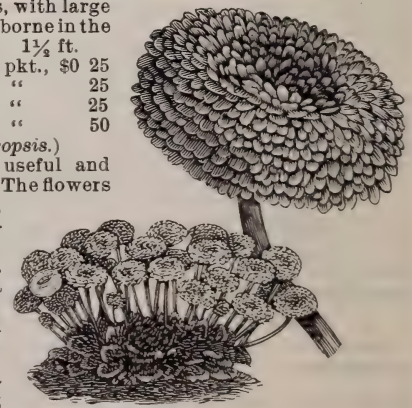
CALLIOPSIS. (Coreopsis.)

This genus embraces a very useful and brilliant class of hardy annuals. The flowers are of every shade of yellow, orange and reddish-brown; useful for bed.

Drummond, or Golden Wave. Uniform orange yellow, extra fine. 1 ft. Per pkt., 5c.

Tinctoria Marmorata. Marbled yellow and brown. 2 ft. Per oz., 30c.; per pkt., 5c.

Coronata. Rich yellow, slightly spotted with red. Per pkt., \$0 05



Calendula, Meteor.

CAMPANULA. (*Canterbury Bells.*)

An old garden favorite belonging to a class of plants known as hardy biennials. They are very ornamental, and should find a place in every garden.

- Carpatica.** Blue, white, rose or mixed. Fine hardy perennial.
- Medium.** " " " " ¾ ft. Per pkt., 5c.
- Calycanthera.** Blue, white, rose or mixed. 2 ft. Per pkt., 5c.
- Macrostyla.** Extra large violet-flowering (Cup and Saucer) variety. Per pkt., 5c.

CANARY BIRD FLOWER. (*Tropæolum.*)

A rapid-growing summer climbing annual, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Per pkt., 5c.; oz., 50c.

CANDYTUFT. (*Iberis.*)

The Candytuft is almost as fragrant as the Sweet Alyssum and very popular. Very useful as a bedding plant or for border work.

	Per pkt.	Per oz.
Hardy annuals, 1 foot.		
Dwarf White	\$0 05	\$0 25
White Rocket	05	25
Dobbie's White Rocket. Finest of all the white varieties	05	50
Lilac	05	25
Purple	05	25
Crimson or Mixed	05	25
Empress. Produces large trusses of pyramidal-shaped flowers, very effective	05	50
Mixed Annual	05	25



Campanula.

CANNA. (*Indian Shot.*)

The Cannas are particularly suitable for forming groups on lawns or backgrounds for dwarf-growing plants, for which purpose they are now largely used. Seeds sown in a hotbed or greenhouse, from January to April, will produce flowering plants in July. Half-hardy perennial.

- Tall Varieties.** Mixed. Per pkt., 10c.; oz., 20c.
- Dwarf.** Large-flowering varieties, extra fine. Per pkt., 10c.; oz., 75c.

CARNATION. (*Dianthus*)

These well-known favorites are highly prized for the delicious perfume of their flowers, grown in pots or in the open ground. No flowers can be finer or more worthy of cultivation. The Marguerite Carnation will bloom in four months from the time of sowing. The flowers are of magnificent colors, ranging through many shades of pink, red, white and variegated. Hardy perennials.

Earliest French Chabaud Carnation. New hardy class, combining the perfection of flowers



Candytuft.

of the perpetuals with the earliness of Marguerite Carnations, blooming seven months after being sown. Per pkt., 25c.

- Benary's Non Plus Ultra Border Carnation.** Finest mixed. Saved from flowers of finest quality only. Per pkt., 25c.
- Perpetual, or Tree.** Upright growth and branching habit, flowering several times during the season. 2 ft. Per pkt., 10c.
- Picotée.** Extra fine double mixed, various shades of yellow, white and slate. Per pkt., 10c.
- Red Grenadine.** Brilliant double, sweet flowers. 1 ft. Per pkt., 10c.
- Early Dwarf Vienna.** Flowers very early; extra fine. Per pkt., 10c.
- Marguerite, Giant-Flowered.** Superb, mixed, 1½ ft. Per pkt., 10c.
- Marguerite, Half-Dwarf.** Fine mixed. Per pkt., 10c.
- Finest Mixed.** Per pkt., 5c.

CATCHFLY. (*Silene.*)

Showy, bright-colored, free-flowering annuals, suitable for rock-work, rendered interesting by a gummy secretion on the leaves which entraps small flies. Hardy annual. 1½ feet.

- Mixed.** Red, white and flesh colors. Per packet., 5c.



Marguerite Carnation.

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Wm. J. Johnston & Co.

CASTOR OIL PLANT. (*Ricinus*.)

The *Ricinus* are tall, stately-growing plants of tropical appearance; their luxuriant foliage renders them exceedingly ornamental. They are free-growing, tender annuals of easy cultivation. Half hardy annuals.

	Per pkt.
Africanus , very large, green foliage	\$0 05
Zanzibarensis , New Giant Castor Oil Plant from Africa.	10
Borboniensis arboreus , large and handsome green foliage. 15 feet	05
Communis (Castor Oil Plant), green foliage. 6 feet	05
Gibsonii , dark, purplish red foliage. 6 feet	05
Cambogiensis , leaves bronzy maroon, with red veins, stems black	05
Duchess of Edinburgh , dark red foliage. 6 feet	05
Gibsonii Mirabilis , dwarf compact; very fine.	05
Sanguineus , tricolor, red spotted, fruit in clusters, red foliage. 10 feet.	05
Mixed per oz., 15c.	05



Ricinus.

CENTAUREA.

Showy, free-flowering, silver-foliage plants, useful for ribbon gardening, 1 1/4 feet. Half hardy perennials.

Candidissima, very desirable silvery variety for bedding. Per pkt., 10c.
Gymnocarpa, a graceful, silvery variety, valuable for boarders. Per pkt., 10c.; oz., 75c.

CENTAUREA ODORATA.

(See description, page 27.)

	Per pkt.
Margaritæ , pure white	\$0 10
Light Blue	10
Chameleon , red and yellow	10
Imperialis , fine mixed	10

CENTAUREA SUAVEOLENS.

Per pkt.

Mammoth Yellow Sweet Sultan \$0 05

CENTAUREA CYANUS—Corn Flower.

(*Ragged Sailor, or Blue Bottle.*)

A very popular and easily cultivated flower. Hardy annual.

Emperor William , blue.	05
Victoria , a charming, diminutive variety, forms little bushes, only 8 inches high; pretty for edgings or pots; mixed colors.	10
Finest mixed per oz., 25c.	05
Double "	10

CENTAUREA MOSCHATA.

Sweet Sultan, the old garden favorite; blue, white or mixed 5

CENTAUREA DEPRESSA.

King of Bluets. A greatly improved type of "Cornflower or Blue Bottle," producing large heads of rich blue flowers. The individual florets are of unusual size. For cutting purposes as well as for garden decoration, it is of exceptional value. It is a hardy herbaceous plant, about 15 to 18 inches high. 10

CENTRANTHUS.

Very pretty, free-flowering annuals, suitable for rockeries and vases. **Mixed colors** 05

CENTROSEMA or BUTTERFLY PEA.

A hardy perennial vine of exquisite beauty. The plants grow 7 to 8 feet in a season, and the first season from seed will produce graceful clusters of 6 to 8 inverted pea-shaped flowers, 1 1/2 to 2 1/2 inches across. They are beautiful objects when grown in pots trained to a fancy trellis, though the garden is their congenial home. **Mixed** per pkt., 10c.

CHRYSANTHEMUMS. (Annual Varieties.)

Summer-blooming annual plants of compact growth, 12 to 18 inches high, producing quantities of large single and double flowers 2 inches across.

Single annual varieties, mixed	per pkt., 5c.
Double " "	" 5c.

CINERARIA.

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers, measuring 2 to 3 inches across, are of white, blue, violet and crimson shades, covering the plant with a sheet of bloom. Per pkt.

James' Giant Strain , very handsome, with enormous flowers. \$0 25
Hybrida , large-flowering; extra choice strain. 2 feet 25
Maritima , the well-known Dusty Miller; fine for edgings. 1 1/2 ft. 05
New Cineraria Hybrida Grandiflora (Fin de Siècle). The seedlings bloom in various pretty shades, ranging from light and dark rose to chamois and strawberry red 15



Cineraria.



Centaurea.



Clarkia.

CLARKIA.

The Clarkia is an old favorite, very pretty, free flowering and of easy cultivation. Useful for hanging baskets. Hardy annuals. 1 1/4 feet. **Elegans, Mixed** per oz., 30c.; per pkt., 5c.

CLEMATIS.

Virgin's Bower. Beautiful ornamental plants, fine for covering trellises or making a screen. Seeds vegetate only after an interval of several months, when they will grow with tolerable certainty. Hardy perennial. (See cut.)

Flammula, white per pkt., 10c.
Jackmanni Varieties, seed saved from best named varieties, " 10c.

CLIANTHUS.

One of the most beautiful plants grown for either the greenhouse or border; tender shrubby trailer; succeeds best when treated as an annual; must not be transplanted.

Dampieri (Australian Glory Pea). Flowers scarlet, blotched with black . . . per pkt., 10c.



Cobaea Scandens.

COBAEA.

A fine, quick-growing, climbing plant, bearing large bell-shaped flowers. Hardy annual.

Scandens, deep violet per oz., 75c., per pkt., 10c.
" Alba, white " 10c.

COCKSCOMBS. (*Celosia Cristata.*)

Very popular annuals of the easiest culture, producing large ornamental, comb-like heads; not only are they highly prized for summer flower beds, but they make fine pot plants. (See cut.)

Japan Crimson. Huge combs, very much beruffled and cut; very rich deep crimson per pkt., 10c.

Glasgow Prize, very dwarf; immense crimson combs. 1ft. per pkt., 5c.

Dwarf Mixed, many colors. 1 foot " 5c.



Cockscomb. Glasgow Prize.

Feathered or Ostrich Plumed Cockscombs. (*Celosia Plumosa.*)

Handsome pyramidal branching plants, 2 to 3 feet high, producing at the summit of each branch long feathery plumes of very graceful effect.

Crimson Ostrich Plumed (Triomphe d'Exposition). Large feathery crimson plumes per pkt., 10c.

Golden Ostrich Plumed. Large feathery golden plumes, " 10c.

Mixed Colors. Ostrich Plumed Celosia, crimson, orange, yellow, rose, etc " 5c.

COCCINEA INDICA.

A remarkably pretty annual climber; foliage ivy-like bright and luxuriant; never troubled with insects; small flowers followed by numerous fruits 2 inches long, which turn to brilliant scarlet, spotted with white. 10 feet per pkt., 10c.

COLEUS.

One of the most popular ornamental foliage plants; very decorative and easily grown from seed. **Extra Fine Mixed**, per pkt., 25c.

COLLINSIA.

Mixed Colors. Free-flowering, for massing and mixed flower borders; great variety of color, white, purple and crimson predominating. 1 to 2ft. Per pkt., 5c.



Clematis.

CIGAR PLANT. (*Cuphea.*)

With cigar-like shaped flowers, very useful for bedding; free bloomer. Half hardy perennial.

Platycentra, scarlet and white per pkt., 10c.

COWSLIP.

A beautiful flowering plant; excellent for filling the beds and borders of the spring flower garden; hardy perennial. 3/4 ft. **Extra Fine Mixed.** Per pkt., 5c.

CORAL PLANT.

(*Erythrina*)

A very beautiful greenhouse shrub. **rista galli** per pkt., 10c.

Columbine. (See Aquilegia.)

Cordylone. (See Dracæna.)

Coreopsis. (See Calliopsis.)

Cucumber, Wild. (See Echinocystis lobata.)

Cucumis. (See Gourds.)

COSMOS.

Mammoth Perfection.

The flowers are double the size of the old Cosmos; the petals are broader, forming a perfectly round flower. The long stems and feathery foliage lend themselves to graceful arrangements for bouquets. These plants enliven the garden long after more tender plants have succumbed to early frost.

- | | |
|---|---|
| Mammoth White . . . per pkt., 10c. | Mammoth Mixed . . . per pkt., 10c. |
| Mammoth Pink . . . " 10c. | Mammoth Deep Crimson , " 10c. |
- Dawn.** This new variety comes into bloom in July and continues to flower until cut down by severe frost. Of good size; the handsome circular flowers are white, with a delicate tint of rose at the base of the petals. The plants are of compact, bushy growth, about 4½ ft. high. Valuable particularly for the North, where the seasons are too short for other strains. Per pkt., 10c.
- Dwarf Yellow.** Rich golden yellow; large flowers. Per pkt., 10c.
- Giant Early Flowering.** Fancy red, pink, white, mixed. Immense flowers, 4 to 5 in. in diameter. Per pkt., 10c.
- Finest Mixed.** Per pkt., 5c.

CYPRESS VINE. (*Ipomœa Quamoclit.*)

The most popular of annual climbing plants, with delicate fern-like foliage. The seeds should be soaked in water about three hours before planting. Half hardy annual.

- | | |
|---|--|
| Crimson , per oz., 30c.; per pkt., 5c. | Rose . . . per oz., 30c.; per pkt., 5c. |
| White . . . " 30c.; " 5c. | Mixed . . . " 30c.; " 5c. |

GIANT PERSIAN CYCLAMEN.

Flowers of extraordinary size and of great substance. The leaves are proportionately large and beautifully marked. These are among the most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental. The colors range through shades of pink, crimson, white, spotted, etc. Most of them are, moreover, delicately fragrant. (*See cut.*)

- | | |
|--|---|
| Album. Very large, white . . . 25c. | Atrorubrum. Brilliant deep red 25c. |
| Charming Bride. White . . . 25c. | Superbum. White, with dark red throat 25c. |
| Duke of Connaught. Crimson 25c. | Finest Mixed Cyclamen Persicum 10c. |
| Mont Blanc. White 25c. | |
| Roseum. Bright rose 25c. | |
| Rubrum. Deep red 25c. | |

CONVOLVULUS. (*Morning Glories.*)

These well-known favorites ought to be in every garden. Nothing can be finer for color than a bed of these.

- DWARF BEDDING VARIETIES**—Tricolor, mixed. Per pkt., 5c.
- CLIMBING VARIETIES**—Well-known climbing plants; unequalled for rapidity of growth and profusion of bloom.
- Mixed.** Per oz., 15c.; per pkt., 5c.
- Mauritanicus.** A beautiful creeping variety, porcelain-blue; well adapted for hanging baskets, vases, etc. Half hardy perennial. 3 ft. Per pkt., 10c.

GIANT IMPERIAL JAPANESE MORNING GLORIES.

A magnificent advance on the old-fashioned Morning Glories. The enormous flowers, exquisite colors and beautiful foliage make them, without doubt, the most beautiful climbers in existence. Per pkt., 10c.

DAHLIA.

The seed we offer has been saved from a superb collection of the finest named varieties. Half hardy perennial. 4 ft.

- Extra Double**, mixed. Per pkt., 10c.
- Single Mixed.** Per pkt., 10c.



Cyclamen.



Cypress Vine.

DATURA.

Strong growing annuals, with very large and showy flowers. Half hardy annuals, 2 to 3 feet.

Cornucopia. Purple and white; very effective. Per pkt., 10c.

Fastuosa. Double white, violet or mixed. Pkt., 5c.

Golden Queen. Brilliant golden-yellow flowers of enormous size, many of them 10 inches long and produced in great numbers. Per pkt., 10c.

GIANT CRIMSON HYACINTH BEAN.

(*Dolichos Giganteus.*)

One of the showiest annual climbers; the vines grow about 10 feet high, branching out from bottom to top, forming a network of vines. The Sweet Pea-like flowers, borne in unusually long clusters as they age, change from blush to rose then carmine, and at last purplish-red. Some of the flower stems were over a foot long, with blossoms in all stages of maturity. The flowers are followed by bronzy-purple seed pods, the whole forming a mass of varied color and beauty from July until frost. Pkt., 10c.

Purple, White or Mixed Hyacinth Bean. Per oz., 15c.; per pkt., 5c.

DIANTHUS (Pinks).

Universal favorites with everyone. Highly valued for the great beauty and fragrance of their flowers. 1 ft.

Chinensis. Single annual, colored, mixed. Per pkt., 5c.

New Large-flowering Scotch Border Pink.

A great improvement over the old-fashioned garden favorite. (For complete description see page 28). Per pkt., 25c.

Double Annual Varieties.

Chinensis fl. pl. Double mixed (Indian Pink). Per pkt., 5c.

Heddewigii fl. pl. Double mixed (Japan Pink). Per pkt., 5c.

Plumarius (Pheasant's Eye). Per pkt., 5c.

Benary Special Mixture of Annual Sorts.

A grand collection of these ever popular garden or China pinks. All large flowering varieties, unrivaled for brilliancy and rich variety of color, and bloom in perfect succession during the whole summer and autumn in such numbers as fairly to crowd each other for room. Mixed colors. Per pkt., 10c.

DELPHINIUM (Perennial Larkspur).

Magnificent border plants, with gorgeous spikes of bloom, varying in shades from the most delicate white to the richest blue. Hardy perennial.

Brunonianum. Beautiful bushy plant with blue flowers. Per pkt., 5c.

Nudicaule. Fine dwarf scarlet variety. 1½ feet. Per pkt., 5c.

Formosum. Rich dark blue, white center. 5 ft. Per oz., 75c.; per pkt., 5c.

Formosum cœlestinum. Light blue flowers. 3 ft. Per pkt., 5c.

Zalil. Flowers of pure sulphur yellow, branching habit. 4 feet. Per pkt., 10c.

Delphinium, Annual Varieties.

Dwarf or Tall Rocket. Mixed, 2 feet. Per oz., 30c.; pkt., 5c.

Chinese Mixed. Pkt., 5c.

Hyacinth flowered. Dwarf, mixed; very fine. Per pkt., 5c.

Branching Larkspur, Mixed Colors. This splendid class grows 2 to 3 feet high and bears long spikes of flowers on long stems, rendering them of exceptional value for cutting purposes. Per pkt., 10c.



Datura.



Delphinium.



Scotch Border Pink.



Hyacinth Bean.



Gaillardia Picta.

Golden West. Beautiful per pkt., 10c.
 Mixed " 5c.

ECHEVERIA.

Interesting greenhouse succulents, which are used largely for carpet bedding.

Metallica per pkt., 25c.

EUPHORBIA COROLLATA.

A large robust-growing annual, with very ornamental-leaved foliage, striped with white. Per pkt., 5c.

FEVERFEW. (See *Matricaria*.)

FORGET-ME-NOT. (*Myosotis*.)

All the varieties of these popular plants are very beautiful and general favorites with all; they succeed best in a moist situation. Half hardy perennial, 1½ ft.

Alpestris. Blue per pkt., 5c.

" *Victoria*. Very large flowers " 10c.

Sylvatica. Pale blue " 10c.

Robusta Grandiflora (Eliza Fanrobert). Large-flowering double blooms, remarkably fine " 10c.

Finest Mixed " 5c.



Myosotis Alpestris

DIGITALIS. (*Foxglove*.)

Handsome ornamental plants, of stately growth and varied color. Very showy for backgrounds and borders. Hardy perennials. 5 ft.

Purpurea. Mixed. Per pkt., 5c.

Monstrosa. Mixed. Long spike of many flowers, surmounted with one enormous flower. Per pkt., 10c.

DRACÆNA.

Ornamental greenhouse plants, with elegant leaves; very rich and desirable.

Australis per pkt., 25c. *Veitchii* per pkt., 25c.

Rubra " 25c. *Draco* " 25c.

Indivisa Lineata " 10c.

ECHINOCYSTIS.

Lobata (Climbing Wild Cucumber). A rapid, luxuriant-growing annual climber, very useful for quick effects, 30 to 50 feet. Per pkt., 5c.

HELICHRYSUM.

Very showy summer-blooming annuals, of free growth and producing in abundance flowers large, full and double, in shades of white, yellow, crimson, etc.; not only very handsome as garden plants, but valuable as an "everlasting" for winter bouquets. Hardy annuals, 1 to 2 feet.

Double Mixed, Large-Flowering per pkt., 5c.

ESCHSCHOLTZIA. (*California Poppies*.)

Profuse blooming plants, of extremely rich and varied color; fine for beds or rockeries. Hardy annual. 1 ft.



Helichrysum.

FOUR O'CLOCKS. (*Mirabilis*.)

Well-known free-flowering plants. Called Four o'Clocks because they open their blossoms at that hour in the afternoon; also called Marvel of Peru. Hardy annuals, 2 ft.

Fine Mixed per pkt., 5c.; per oz., 20c.

GAILLARDIA.

A striking-looking class of plants, presenting quite a diversity of color; fine for bedding. Half hardy perennials. 2 ft.

Picta Lorenziana. Double orange and yellow flowers, mixed colors. Per pkt., 5c.; per oz., 50c.

Mixed. Per pkt., 5c.; per oz., 40c.

FUCHSIA.

Choice double and single of this well-known elegant tender pot plant. Mixed colors. Per pkt., 25c.

GLOXINIA.

Most charming greenhouse plants, of dwarf habit. Their flowers are produced in greatest profusion and of the most exquisite and gorgeous colors, many of which are magnificently mottled and spotted. Mixed colors. Per pkt., 25c.

GERANIUM.

Gorgeous shades of color, borne continuously, render this the most popular plant grown, either for pot culture in winter or for bedding out in summer. Sown early, they flower the first season. H. H. P., 1½ feet.

Zonal, Finest Varieties. Mixed per pkt., 25c.

GLOBE AMARANTH. (*Bachelor's Button.*)

Remarkably handsome everlastings. Hardy annuals. One foot. Orange, purple, white, striped, lilac, flesh, all colors, mixed. Per pkt., 5c.

Golden Feather. (See Pyrethrum.)

GODETIA.

Profuse blooming annuals of beautiful colors. Fine for bedding or pot culture. Hardy annuals. 1 foot.

Mixed per pkt., 5c.

GOURDS.

A vigorous class of plants, with curiously formed and often strangely colored fruits. The foliage is abundant, often curious. They are very useful for covering old trees, fences, arbors, etc. Tender annuals.

Mock Orange per pkt., 5c.

Egg-shaped " 5c.



Gourds.

- Apple-shaped** per pkt., 5c.
- Pear-shaped** " 5c.
- Hercules Club** " 5c.
- Sugar Trough** " 5c.
- Bottle Gourd** " 5c.

- Dish Cloth, or Chinese Luffa** per pkt., 5c.
- Dipper Gourds** " 5c.
- Miniature** " 5c.
- Mixed, all sorts** " 5c.

GYPSOPHILA.

Pretty, free-flowering little plant. Will do well in any garden soil. The flowers are valuable for bouquet making, either fresh or dried. Hardy annuals.

Paniculata. A very graceful plant, with beautiful white flowers; fine for table bouquets. 1½ feet. per pkt., 5c.

GREVILLEA ROBUSTA.

Silk Oak. Very graceful foliage; highly valued as a decorative plant for the table, and when large for tropical lawn effects. 3 to 5 feet. per pkt., 10c.

Helianthus. (See Sunflower.)

HELIOTROPE.

Deliciously fragrant flowering plants, growing about one to two feet high; great favorites for pot culture in the winter or bedding out in the summer; large umbels of lilac or white flowers are continuously borne. Half hardy perennial. 1½ feet.

Finest mixed per pkt., 5c.

HOLLYHOCKS. (*Althæa.*)

Magnificent summer and autumn flowering plants, bearing long spikes of large double flowers, 3 to 4 inches in diameter. If seeds are sown in June or July will produce plants for blooming the following summer. Hardy perennial. 4 feet.

Double mixed per pkt., 5c.

Superb Double. White, yellow, scarlet, purple or dark rose " 5c.

Charters, finest mixed. Taken from a collection of named varieties, beautiful colors and all double " 10c.

ICE PLANT. (*Mesembryanthemum.*)

Very singular, dwarf trailing plants, much used for garnishing; beautiful and curious. Tender annual. 1 foot.

Crystallinum, white per pkt., 5c.

IMPATIENS SULTANA.

One of the most beautiful of decorative plants. It thrives in stove, greenhouse and open border during the summer. The flowers are of a brilliant rosy scarlet, 1½ in. in diameter.

Perennial Balsam Rose . . per pkt., 10c. **Mixed** per pkt., 10c.

Joseph's Coat. (See *Amaranthus tricolor.*)



Godetia.



Double Hollyhocks.



Humulus.

IPOMOEA.

(*Moonflower, Dawn Flower, etc.*)

Beautiful, free-blooming plants, fine for outdoor or greenhouse decorations. The seeds should be soaked two to three hours before planting. Tender annual.

Grandiflora Mexicana Alba (*Moonflower.*) 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 rapidly and will cover a large surface. Per oz., 75c.; per pkt., 10c.

Mixed Grandiflora Hybrida. "The Moonflower or Evening Glory." One of the finest summer climbers grown. Per pkt., 5c.

Limbata. Violet, edged white, rose throat. Per pkt., 5c.

Leari. "The Blue Dawn Flower." Does wonderfully well outside in the summer, yet is generally known as a greenhouse climber. It is most beautiful, bearing clusters of the most lovely skyblue flowers, fully 5 to 6 inches across. per pkt., 10c.

Mixed " 5c.



Ipomoea.

HUMULUS JAPONICUS. (*Japan Hop.*)

Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 ft., resembling the common hop, but, being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellises, etc. Heat, drought and insects do not trouble it. Per pkt., 5c.

KAULFUSSIA.

Fine for edging; good habit and color. The high colors are best for pots.

Mixed Kenilworth Ivy. (See *Linaria cymbalaria.*) per pkt., 5c.

LANTANA.

Rapid-growing plants, forming small bushy shrubs exceedingly free in bloom. **Mixed** per pkt., 5c.
Larkspur. (See *Delphinium.*)

LATHYRUS LATIFOLIUS. (*Hardy or Everlasting Pea.*)

Hardy climbers, growing 6 to 8 ft. high when trained on a trellis; the flowers are borne in large clusters. **White, Scarlet or Mixed** per pkt., 5c.

LINARIA CYMBALARIA. (*Kenilworth Ivy.*)

Hardy little climber, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc., 3 to 6 ft. per pkt., 10c.

LEPTOSIPHON.

Very handsome dwarf annuals for masses, beds and edgings; when planted in masses they form entire sheets of bloom. Hardy annuals. $\frac{3}{4}$ ft. **Mixed** per oz., 40c.; per pkt., 5c.

LOBELIA.

All the lobelias are suitable for bed edgings or ribbon borders, blooming profusely from June to September. *L. gracilis* is useful also for hanging baskets, vases, etc. Half hardy perennials.

- Cardinalis.** Scarlet. Hardy perennial per pkt., 10c.
- Erinus gracilis.** Light blue, very dwarf " 5c.
- " **speciosa.** Deep blue " 10c.
- " **Alba.** White " 10c.
- " **Speciosa Crystal Palace.** Rich blue " 10c.
- " **Lindleyana.** Beautiful rose " 10c.
- " **Erecta Crystal Palace.** Rich blue, fine for edgings " 10c.
- " **Erecta Emperor William.** Light blue " 10c.
- " **Erecta White Lady.** Splendid new large flowered white " 10c.
- Mixed** per oz., 60c.; " 5c.



Lobelia.

LUPINUS.

These are a very interesting class of plants and of easy culture, producing beautiful leaves and pea-shaped flowers, and should be more generally cultivated. Hardy annuals. 2½ feet. **Extra Fine Mixed.** Pkt., 5c.; oz., 20c.

LYCHNIS.

Haageana Hybrids, Mixed Colors. Usually grown as annuals; of dwarf bushy habit, bearing flowers an inch or more across in continuous succession until frost; the colors are particularly pleasing and effective—from white to rich scarlet and many shades of pink. 1 foot. Per pkt., 5c.



Lupinus.



Nemophila.

MATRICARIA.

- Capensis** (Double White Feverfew). Bushy annual garden plant, bearing quantities of white, double, button-like flowers. Pkt., 5c.
- Golden Ball**, very fine, per pkt., 10c.
- Eximia flore plena corymbosa** " 10c.
- Grandiflora**, double Tom Thumb; very dwarf " 10c.

MAURANDYA.

These beautiful climbers cannot be too highly recommended, whether for conservatory, greenhouse or for trailing on trellis work. Tender annuals.

- Barclayana, Mixed** per pkt., 10c.

MIMULUS.

The Mimulus are beautiful tender-looking plants, with almost transparent branches. They luxuriate in damp, shady situations; musk-scented. Tender annual. 1 foot.

- Moschatus** (Musk Plant) per pkt., 5c.
- Splendid Mixed** " 5c.

MOMORDICA.

Balsam Apple and Balsam Pear. Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental, large fruits of orange or copper color, which burst and expose an interior of red, which is highly effective. 15 to 20 feet.

- Balsamina** (Balsam Apple). Orange fruits . per pkt., 5c.
- Charantia** (Balsam Pear). Coppery-scarlet colored fruits " 5c.

Monk's Hood. (See Aconitum Napellus.)
Moonflower. (See Ipomœa.) **Morning Glory.** (See Convolvulus.)

MIMOSA. (*Sensitive Plant.*)

Very curious annual. The leaves instantly close up when touched. Tender annual. **Pudica** . . per pkt., 5c.

MUSA ENSETE. (*Abyssinian Banana Tree.*)

A foliage plant of magnificent proportions; for sub-tropical massing or as single specimens they are strikingly effective. Seeds sown early in the house will produce plants 10 to 15 feet high the first season. Per pkt., 25c.

- Musk Plant.** (See Mimulus). **Myosotis.** (See Forget-me-not.)

NEMOPHILA. (*Love Grove.*)

A genus of exceedingly beautiful dwarf-growing plants. Their height and habit of growing being so uniform, and the colors so varied and striking, they never fail to produce a pleasing effect. Hardy annual. 1 foot.

- Mixed** per pkt., 5c.

NIGELLA. (*Love-in-a-Mist.*)

Beautiful border plants, with pretty cut foliage and curiously formed flowers. Hardy annuals. 1½ feet.

- Damascena.** Purple or white, per pkt., 5c.
- Hispanica.** Blue or white " 5c.
- Mixed** per oz, 20c.; " 5c.



Nigella.



Musa Ensete.

MARIGOLD. (*Tagetes.*)

Among the Marigolds, the African is the most striking in large beds, while the other *Tagetes* varieties are admirably adapted for small beds. They are free-blooming plants of easy cultivation. Hardy annual.

African Tall Marigolds.

Double Mixed	per oz., 50c. ; per pkt., 5c.
Orange Yellow	" 5c.
Light Yellow	" 5c.
Orange quilled	" 5c.
Lemon quilled	" 5c.

French Marigolds, Dwarf.

Finest French Mixed. Tall varieties	per pkt., 5c.
Legion of Honor. Dwarf compact, about 15 inches high, with dark green, fern-like leaves, and bright, golden, star-like flowers distributed over the surface. The blooms are of rich golden yellow, with the center of each petal marked broadly with velvety crimson-brown	per pkt., 10c.
Lutea. Pure yellow, very double	" 5c.
Silver King	" 10c.
Dwarf Mixed	" 5c.

Single Marigold.

Little Brownie. Charming, forming compact little bushes only 5 to 6 inches high. It is remarkable for blossoming extremely early and in prodigious abundance, commencing in June. The flowers are vividly colored golden-yellow, marked with a large spot of crimson velvet. Per pkt., 5c.

MATHIOLA BICORNIS. ("Night Scented Stock.")

An annual garden plant grown for its delicious perfume, which is emitted in the evening and morning, also after a shower. 1 ft. Per pkt., 5c.



Allen's Defiance Mignonette.



African Marigold.

MIGNONETTE. (*Reseda.*)

Well-known sweet-scented little plants, everywhere at home, either in the greenhouse, garden or sitting room. Hardy annual.

Allen's Defiance Mignonette.

This gorgeous Mignonette has qualities heretofore unknown in large flowering varieties, being deliciously fragrant.

When grown under favorable conditions and with proper care, its spikes will be from 12 to 15 inches long. The individual florets are of remarkable size and stand out boldly, forming a graceful as well as compact spike. Its remarkable strength is accompanied by extraordinary keeping qualities; the spikes have been kept in a vase three weeks after cutting, retaining their grace and fragrance until every bud opens. **Price per pkt., 10 cts.**

	Per oz.	Per pkt.
Odorata Grandiflora	\$0 10	\$0 05
Improved Large Flowering	15	10
Golden Queen. Yellow-tinted flowers	25	05
Miles' Spiral. Very fine	60	05
Machet. A dwarf French variety, with broad spikes of very fragrant red flowers; one of the best varieties for either garden or pot culture	50	10
Machet Ruby. A fine new Machet Mignonette with coppery-scarlet flowers		10
Machet Bismarck. New imported variety		10
Golden Queen. Golden-yellow flowers; dense dwarf growth	35	05
Odorata Maxima Goliath. Bears very large flowers, the center spikes being often 8 inches long. The plant grows in candelabra form and produces fiery red flowers on firm upright stalks		10
Parsons' White. Nearly white	75	05

NASTURTIUMS.

Tom Thumb Varieties.

The Dwarf Nasturtiums will always be general favorites, for the reason that they stand any amount of heat and drought, growing vigorously and flowering freely, especially in a poor, rocky soil.

	Per oz.	Per pkt.
Aurora. Salmon-rose	\$0 15	\$0 05
Beauty. Light scarlet, splashed canary	15	05
Brilliant. Rich scarlet	15	05
Chameleon. Splashed crimson, bronze and yellow	20	05
Crystal Palace Gem Sulphur, spotted maroon	15	05
Empress of India. Brilliant crimson; dark foliage	20	05
King Theodore. Scarlet-maroon; dark foliage	15	05
King of Tom Thumb. Crimson	15	05
Lady Bird. Orange-yellow; red spots	15	05
Luteum. Light yellow; no blotches	15	05
Pearl. Pure white	15	05
Crimson	15	05
Ruby King. Light ruby-red	15	05
Mixed	15	05

Collection of one packet each of 12 of these varieties 50c.
 " " " " " " " " " " " " " " 25c.



Nasturtiums.

Tall or Climbing Varieties.

Beautiful and luxuriant annual climbers for trellises, arbors or vases, bearing their gorgeous flowers in profusion until killed by frost.

	Per oz.	Per pkt.
Chameleon. Splashed crimson, bronze and yellow	\$0 20	\$0 05
Dunnetts Orange. Rich golden-orange, garnet blotches	15	05
Dunnetts Yellow	15	05
Eduard Otto. Brownish	15	05
King Theodore. Velvety dark crimson, dark foliage	15	05
Pearl. Cream white	15	05
Prinz Heinrich. New; cream color, spotted red	15	05
Rose	15	05
Schulz	15	05
Tropæolum Lobbianum. Straw color, splashed crimson-garnet blotches	15	05
Von Moltke. Bluish rose	15	05
Dark Crimson	15	05
Finest Mixed	10	05

Collection of one packet each of 12 of these varieties 50c.
 " " " " " " " " " " " " " " 25c.

NIEREMBERGIA.

Fine for edgings or hanging baskets, the white and purple flowers showing up finely. 1½ feet.

Frutescens. Large flowers, robust habit and erect. Hardy perennial. Per pkt., 10c.

Gracilis. Light blue; fine for hanging baskets. Greenhouse perennial. Per pkt., 10c.

NICOTIANA.

Affinis. An annual with sweet-scented, pure white, star-shaped flowers, 3 inches across, blooming continually. 2 to 3 feet high. Per pkt., 5c.

NOLANA.

Are very showy when in flower, and should be planted in the border; fine trailing plants. **Finest Mixed.** Per pkt., 5c.

OXALIS.

Pretty little half-trailing annuals, for hanging baskets, vases, rockwork and edgings, flowering in profusion, 6 to 9 inches.

Tropæoloides Rosea per pkt., 10c.	Valdiviana. Charming little plants; yellow, sweet per pkt., 10c.
Floribunda Alba, fine for edgings " 10c.	Mixed Annual Sorts " 10c.
Floribunda Rosea, fine for edgings " 10c.	

GENOTHERA.

Fine mixed (Evening Primroses, or Sun Drops.) Large showy flowers of various colors; hardy annual. 1 to 2 feet. Per pkt., 5c.

PARILLA NANKINENSIS.

Ornamental foliage plants of compact habit; leaves of dark mulberry color; useful for ribbon effects. 1½ feet. Per pkt., 5c.



Nasturtiums.

PANSY. (Viola Tricolor—Heart's-Ease.)

This charming flower is too well known to need any description. Hardy annual. ½ foot.

Famous Strains of Mammoth Mixed Pansies.

- Non Plus Ultra.** A collection of the largest and handsomest pansies known. See description, page 29. Per pkt., 25c.
- Giant Madame Perret.** A giant flowering variety of the famous Madame Perret strain. Per pkt., 25c.
- Giant Fancy Mixed.** From a grand English named collection. Per pkt., 25c.
- Giant Five-Spotted Pansy.** A magnificent French strain, extra large, perfectly formed, round flowers of much substance. Each of the five petals is marked with large, round, clearly defined eye. Per pkt., 25c.
- Giant Striped Pansy.** Fancy blendings and markings. Per pkt., 25c.
- Madame Perret.** A strain of French Pansies, beautifully marked and penciled, having a larger variety of shades than any other kind. Per pkt., 10c.
- Parisian Giant Strain.** A magnificent French strain. Per pkt., 25c.
- Bugnot's Large Stained Parisian.** Mixed colors. A celebrated French strain, extra large, choicest colors, broad blotches and delicate pencilings; ground colors generally light, bringing the elegant markings out in strong relief. Per pkt., 25c.
- New Fancy Belgian.** Mixed colors. Fancy blendings and markings. Per pkt., 10c.

Giant Trimardeau Pansies.

These are remarkably large Pansies, which, for size of flower and robust growth, eclipse all other strains. Their range of color has heretofore been limited, but this season we are able to offer several grand new varieties.

	Per pkt.
Giant. Yellow, black eye	\$0 10
" Black-blue	10
" Azure-blue	10
" King of the Blacks	10
" Snowflake	10
" Mixed	10

Named Pansies.

Azure-Blue. Very fine	05
Black. Faust	05
Bronze Colored	05
Brown-Red. Various shades	05
Candidissima. Snow Queen. Satiny white	05
Cliveden Purple. Excellent bedding varieties	10
" White. " " "	10
" Yellow. " " "	10
Emperor William. Ultramarine-blue	05
Fire King. Golden yellow, upper petals purple, very showy	05
Havana Brown	05
Light Blue. Nearly sky-blue	05
Lord Beaconsfield. Large flowers, purple-violet, shading off in the top petals to a white hue	05
Red Riding Hood. Red, very fine	05
White. With black eye, very showy	05
Yellow. Pure (yellow gem; without eye)	05
" Black stained	05
Cassiers, Odier. Three and five spotted. Extra choice strain and largest	10
Extra Fine Mixed	10
Fine Mixed for Bedding	05



Pansy.

PASSION FLOWER.

Handsome rapid-growing perennial climber for greenhouse decoration or sunny positions in the open ground in summer. **Cerulea.** Large flowers of violet and blue. Per pkt., 10c. **Alba.** Large white flowers. Per pkt., 10c.

PETUNIAS.

The Petunia cannot be equaled by any plant for outdoor decoration. They will flower the first season, even if sown in the open ground, but usually not before June. Those sown in the house or hotbed in April will bloom in June and be larger and finer plants. Half hardy annual. 1½ feet.

- Inimitable nana compacta.** Very dwarf, splendid for edging or massing, striped per pkt., 10c.
Single, Striped and Blotched " 10c.
Finest Mixed " 5c.

PETUNIA GRANDIFLORA.

(Giant Flowering Petunia.)

This is a strain of incomparable beauty, size and luxuriance. The flowers are of immense size, the fringed varieties exquisitely ruffled and fringed on the edges; but the extreme elegance lies in the great variety of colors, markings, blotching and striping, in the most beautiful combinations.

- Grandiflora, Single Mixed**, per pkt., 25c.; **Grandiflora, Single Fringed, Mixed**, per pkt., 25c.; **Grandiflora, Double Fringed, Mixed**, per pkt., 25c.



Petunia.

PHLOX DRUMMONDI.

The Phlox Drummondii is one of our best annuals, flowering freely all the summer. For richness of color they cannot be surpassed. They are invaluable for beds and ribbon gardening, therefore no garden should be without them. Hardy annual, 1 foot. **Mixed Colors** per pkt., 5c.

Grandiflora or Large-flowered Phlox.

An improved strain, with extra large, perfectly round flowers, with petals overlapping each other.



Phlox.

- Alba.** Purest white, large round flowers of splendid substance per pkt., 10c.
Large Flowered, Mixed " 10c.

Dwarf, or Nana Compacta Phlox.

These form little round compact bushes about 6 inches high, thickly studded with flowers.

- Per pkt.
Fireball. Dwarf, brilliant fiery-scarlet, fine for edging \$0 10
Snowball. Dwarf, pure snow white 10
Leopoldi. Red, white eye 10
Chamois Rose. Silvery pink, a beautiful color 10
Blue Striped 10
Atropurpurea. Deep purple 10
Surprise. This variety produces plants of the globular habit, characteristic of its class, and is covered with brilliant vermilion red flowers, the center of which is adorned by a pure white star 10
Mixed. Above sorts 10

Graf Gero Phlox.

A dwarf, very compact-growing and free-blooming variety. A very free bloomer, with a great variety of colors. **Mixed** . . . per pkt., 10c.

Star Phlox.

- Star of Quedlinburg.** Flowers are of regular star-like form. Plant of compact habit, about 18 inches high, bearing large umbels of flowers. Colors varied and beautiful.
Mixed Colors per pkt., 10c.

Hardy Phlox.

Magnificent hardy flowering plants, growing into strong bushes from 2 to 3 feet high, bearing immense heads of large waxy flowers of lovely shades of color.

- Large-flowering Hybrids.** **Mixed** . . per pkt., 10c.

LARGE FLOWERING CHINESE PRIMROSES.

(*Primula Sinensis*).

The Chinese Primroses are fine for winter and spring flowering, and should be sown in the spring, as they then germinate freely, and fine plants may be had for winter blooming. Greenhouse perennial. $\frac{3}{4}$ foot.

Large-Flowering Fringed Varieties.

Blue	per pkt., 25c.	Rose	per pkt., 25c.
Lilac	" 25c.	Red	" 25c.
Purple	" 25c.	Mixed	" 10c.

Primula Stellata Hybrida.

("Star Primrose.")

A new and vastly improved strain of this valuable decorative plant in which all the merits of the parent variety have been retained, while the size and substance of the bloom have been considerably increased. Many of the blooms are equal in form and purity of color to those of the Chinese Primrose and, as they last longer and can be more easily grown, they deserve to be widely cultivated.

Choice Mixed Hybrids (seven distinct colors)	per pkt., 25c.
Improved White	" 25c.

Other Primroses.

Obconica. (Ever-blooming Primrose.) Flowers pale lilac, continuous bloomer. Per pkt., 10c.

Forbesi. (Baby Primrose.) One of the hardy varieties with pretty rosy-lilac flowers, and is fine for pots. Per pkt., 25c.

Japanese Primrose. (*Primula Japonica*.) One of the most beautiful; flowers 1 inch across, of shades of crimson, maroon, lilac, pink, white, etc., on stems 1 to 3 feet high; mixed colors. Per pkt., 10c.

English Primrose. (*Primula vulgaris*.) The old favorite common yellow Primrose, now so popular and fashionable in England. Per pkt., 5c.

PORTULACA.

Portulacas are one of the best varieties of bedding plants, of the easiest culture, luxuriating in an exposed sunny situation, and producing throughout the summer flowers in the greatest profusion. The Double Portulacas are very beautiful; they somewhat resemble miniature roses. Hardy annual. $\frac{1}{2}$ foot.

Single Mixed, per oz., 50c.; per pkt., 5c. | Double Mixed, per pkt., 10c.

POPPIES.

(*Papaver*.)

Exceedingly showy annuals, making a gorgeous display in the garden. Splendid for mixed borders. Hardy annuals. Per pkt. \$0 05

The Shirley. A fine, distinct race of many colors.	per pkt. \$0 05
Glaucum. (Tulip Poppy.) Crimson-scarlet, very showy and effective	05
White Swan. Double white, very handsome	05
Danebrog. Large, bright scarlet with a white cross in center, single	05
Alpinum Laciniatum. (Alpine Poppies.) Very pretty; in white, salmon, rose and orange	25
Double Carnation-flowered. Mixed	05
Double Peony-flowered. Mixed	05
Double Ranunculus-flowered. Mixed	05
Murselli, fl. pl. Mikado. Very handsome. Large double white fringed flowers, purple margin	10
Mephisto. Extra large flowers with deeply fringed edges, mixed colors	10
Double Mixed	05
Single "	05
Oriental. (Hardy perennial.) Dark scarlet, purple spots	10
Single Mixed Iceland. Very fine, many colors	10
Double "	10
Hardy Perennial Varieties. Mixed colors	05

SMILAX.

Charming tender perennial climber for greenhouse or window gardens. The foliage and stems are of a pleasing light green, very graceful, excellent for decoration. Per pkt., 10c.



Primula.

PYRETHRUM.

Very beautiful and exceedingly ornamental dwarf-growing plants, with yellow foliage. Excellent for edgings and ribbon beds. Hardy perennial.

	Per pkt.
Roseum Hybridum Grandiflorum. A beautiful new variety See page 28 for complete description	\$0 25
Aureum. (Golden Feather.) Bright yellow foliage.	05
Golden Moss. Moss curled	10
Selaginoides. Handsome fern-like yellow foliage,	10
Single Mixed	05
Double "	05
Parthenium, fl. pl. (Double Feverfew.) Double white	05
Single Perennial Sorts. Mixed	10
Double "	10

RHODANTHE.

These beautiful Everlastings should find a place in every garden; they produce freely their charming flowers, very useful for winter decoration. Tender annual. 1 foot.

Maculata. Rose	per pkt., \$0 10
" alba. White	" 10
Manglesii	" 05
Mixed	" 05

STEVIA.

Serrata. A tender perennial, in great favor for cutting purposes; large heads of small white flowers of very graceful effect; suitable for pot culture, flowering in winter, or, if sown early, will bloom in the garden the first summer. $1\frac{1}{2}$ feet. Per pkt., 5c.

SALVIA.

One of our handsomest summer and autumn flowering plants, growing into compact bushes about 3 feet high and literally ablaze with brilliant flowers; very effective for massing on the lawn and for garden decorations. Half hardy perennial.

- Silverspot** per pkt., 25c.
- Splendens**. (Scarlet Sage.) Scarlet " 5c.
- Bonfire**. (Salvia Splendens Nana Compacta Erecta.) This variety, without question, is the finest Salvia for bedding yet introduced. The plants grow into very compact oval bushes about 2½ feet high and produce long spikes of brilliant scarlet flowers. They stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. Gorgeous effects can be produced with the Bonfire Salvia massed on the lawn or in the garden, or planted in rows along a sunny drive, where the brilliant scarlet is simply dazzling. Perennial, but blooms the first season from seed. Per pkt., 15c.
- Patens**. Bright blue, the most beautiful blue known in flowers. Per pkt., 15c.

SCABIOSA, or SWEET SCABIOUS.

The Mourning Bride of our old gardens, but much improved in size, colors and doubleness. They are very free bloomers; colors, white, carmine, lilac, maroon, etc. They are very effective for garden decoration, and equally valuable for cutting purposes; annuals. 1 ft.

- Dwarf, Double, Large Flowered, Mixed Colors** per pkt., 5c.
- Mixed Double, Tall** " 5c.
- Candidissima**. Large pure white " 10c.
- Dwarf Double**. Golden yellow " 10c.
- Stellata**. Starry " 10c.



Scabiosa.

Pompadour. The enormous flower heads are quite round; the florets are black-purple at the top and pure white from the center to the bottom. Per pkt., 10c.

Scabiosa Caucasica, Lilac.

One of the handsomest of hardy perennials, forming a spreading and dense plant, 2 to 3 feet high, thriving well in ordinary garden soil, and should be grown by every one, if only for its flowers for cutting, as they last a long time in water, and their peculiar soft lilac-blue shade is charming. Per pkt., 10c.

Caucasica Alba. White. Per pkt., 10c.

DWARF LARGE FLOWERING DOUBLE TEN WEEKS.

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. They should be given good rich soil to grow in, and will amply reward good treatment with remarkably large pyramids of bloom; the flowers represent a great diversity of color. The Double Large Flowering Ten Weeks Stocks are great improvements over the Gilliflowers of the olden times, the flowers being much larger and more densely double, and there is also a much larger variety of colors and shades than there used to be.



Double Stocks.

DWARF LARGE FLOWERING.

- | | | | |
|---------------------------|----------------|--------------------------|----------------|
| White | per pkt., 10c. | Canary-yellow | per pkt., 10c. |
| Carmine-scarlet | " 10c. | Shining purple | " 10c. |
| Crimson | " 10c. | Blood-red | " 10c. |
| Rose | " 10c. | Light blue | " 10c. |
| Finest mixed | " 05c. | Lilac | " 10c. |

Giant Perfection Ten Weeks Stock. This magnificent strain is without a rival for open-ground planting, attaining a height of 2½ feet. The spikes of bloom are very long, and the individual flowers are enormous in size and very double.

Mixed per pkt., 10c. Pure white per pkt., 10c.

Snowflake Stock. A beautiful dwarf-growing variety; very large double white flowers; very early per pkt., 10c.

Cut and Come Again. The well-known profuse and perpetual flowering white stocks " 10c.
Mixed " 5c.

LARGE FLOWERING WINTER STOCK EMPRESS ELIZABETH.

This splendid large-flowering stock grows about 18 inches high, with a very strong main stem, and branches out in candelabra form. Both main and side stems are covered with large rose-shaped flowers of the brightest imaginable tint of carmine rose. It comes in early, stands unfavorable weather well, and produces about 70 per cent. of double flowers. One of the best Stocks, if not the best, ever introduced. Per pkt., 25c.

Eliza Eckford. Pale rose, flaked with deeper rose.
Emily Eckford. Porcelain blue, suffused with reddish-mauve.
Emily Henderson. Absolutely pure white. **Extra large**, with broad, round standards that stand up boldly. The plants produce such an abundance of flowers that they appear as if covered with snow.
Emily Lynch. Rose pink, shaded buff; softer in wings.
Empress of India. Rose pink.
Fairy Queen. White, blushed and feathered with pink.
Fashion. Light purplish-carmine; a distinct color and very pretty.
Firefly. Intense glowing crimson.
Gaiety. Standards white, striped and flaked with rosy-lilac; wings delicate bluish.
Golden Gleam. Primrose-yellow; large, profuse, and of ideal form.
Golden Gate. Pinkish-mauve and lavender.
Gorgeous. Brilliant orange-salmon, wings deep rose.
Gray Friar. White clouded, dotted lilac.
Her Majesty. Beautiful soft rosy pink; very large flowers.
Ignea. Fiery crimson-scarlet, slightly flushed with purple.
Indigo King. Maroon-purple standards; indigo-blue wings.
Invincible Scarlet. Intense scarlet.
Juanita. White, with delicately striped and rosy lavender.
Katherine Tracy. Exquisite bright pink; a large, perfect flower, very profuse; stands our hot sun without fading.
Lady Nina Balfour. The most delicate mauve imaginable, beautifully shaded with a charming dove-gray, which gives a most captivating charm to the whole flower.
Lady Beaconsfield. Salmon standards, tinted rose; wings pale yellow.
Lady Mary Currie. Fiery orange-pink, wings orange-rose; very bright.
Lady Grisel Hamilton. Beautiful silvery lavender.
Lady Penzance. Beautiful bright rose; splendid form.
Lemon Queen. Blush pink and lemon; very beautiful.
Little Dorrit. Pink standards; white wings; beautiful.
Lottie Eckford. Rose and white, edged with blue.
Lottie Hutchins. Penciled and clouded pink on straw yellow.
Lovely. Pleasing shade of pink; wings delicate rose, a charmingly colored large, grand flower.
Maid of Honor. Lavender and white, edged blue.
Mars. Bright fiery crimson, deepening with age; a large, round, expanded standard.
Meteor. Standard bright orange-salmon; wings pink-veined.
Modesty. Very delicate pink; a beautiful flower.
Mrs. Dugdale. Carmine rose, shaded yellow.
Mrs. Eckford. A large flower of a charming primrose yellow; strong grower; profuse.
Mrs. Joseph Chamberlain. White ground, striped and shaded with bright rose.

Mrs. Sankey. Largest and best white for florists' use.
Mrs. Gladstone. Delicate soft pink, with rosy blush wings.
Navy Blue. Dark indigo blue and violet, the best blue.
New Countess. A great improvement on the popular Countess of Radnor, as both standard and wings are a most beautiful, clear, light lavender throughout.
Othello. Splendid, large, dark brown chocolate-red self-colored flower.
Ovid. Standard and wings rosy pink, margined rose.
Painted Lady. The old pink and white; flowers small.
Peach Blossom. Salmon-pink standards; wings soft pink.
Pink Friar. Flaked and flushed pink on white.
Prima Donna. Light blush pink; very beautiful.
Primrose. Pale primrose yellow.
Prince Edward of York. Finely expanded standards of a charming shade of scarlet, and large wings of the deepest rose color; one of the most effective.
Princess Beatrice. Delicate bluish pink, marked with deeper shades.
Princess of Wales. White, striped lavender and mauve.
Purple Prince. Standard maroon, shaded bronze; wings purple.
Queen of the Isles. White and red, striped and mottled.
Queen of England. Pure white, notched at top of standard.
Queen Victoria. Cream, tinged rosy apricot; cream wings.
Ramona. Large flowers, creamy white, shaded pale pink.
Red Riding Hood. Rosy pink, shaded to blush, white at the calyx.
Rising Sun. Orange and rose, shaded carmine.
Royal Robe. Delicate pink standards; wings bluish pink.
Royal Rose. Standards deep carmine rose; wings a charming rosy pink; immense size.
Sadie Burpee. Pure white, strong grower, free flowering, and produces its flower on long, stout stems.
Salopian. Vivid red, but a darker shade than the scarlet of Firefly. Wings deep red, tinged with rose.
Senator. Chocolate and creamy white, mottled and blotched.
Shahzada. Rich, dark maroon with a shade of purple, most distinct and attractive.
Splendour. Superb bright rose, shaded crimson.
Stanley. Deep maroon self; large and of finest form.
Stella Morse. Primrose, flushed pink; very beautiful.
The Bride. Large, pure white flowers; similar to Blanche Burpee, but vines are of dwarfer growth.
The Queen. Mauve and pink.
Triumph. The standard is bold and well expanded, of the most exquisite bright orange-pink; the wings white, slightly flushed with delicate purple; a perfect flower.
Venus. Salmon-buff; standards delicately shaded with rosy pink.
Waverly. Standard rosy-claret; wings light blue.

Prices of any of above-named Varieties, 5c. per packet (of about 100 Seeds, enough for a single row 6 feet long); 10c. per ounce (300 to 400 Seeds); 25c. per 1-4 lb.; 75c. per lb. Delivered Free in United States.

SWEET PEAS IN MIXTURE.

	Per oz.	Per ¼ lb.	Per ½ lb.	Per lb.
Our Own "High Grade" Mixed. Comprising the finest Eckford and other new and choice large flowering varieties	\$0 10	\$0 25	\$0 40	\$0 75
Eckford's Mixed. Composed of Eckford's varieties only	10	20	30	50
Standard Mixed.	10		20	30



Torenia Fournieri.

SINGLE SUNFLOWERS.

- Thousand Flowered.** Often grows 12 to 15 feet high, and from base to summit bears hundreds of branches bearing a multitude of medium-sized golden-yellow flowers with small black centers. Oz., 20c.; pkt., 5c.
- Macrophyllus Giganteus.** A branching pyramidal-shaped plant; yellow. 6 feet. Per oz., 15c.; per pkt., 5c.
- Miniature Sunflower.** (*Cucumerifolius*.) Of dwarf branching habit, bearing many little flowers; orange with black center. 3 feet. Per oz., 25c.; per pkt., 5c.
- Stella.** Flowers 3 inches across, golden yellow with small black centers; borne on long stems, rendering it of value for cutting. Blooms abundantly from June until frost. Height, 3 to 4 feet. Per oz., 35c.; per pkt., 5c.
- Dwarf Single** per pkt., 5c.

DOUBLE SUNFLOWERS.

- Californicus fl. pl.** Large double orange. Per pkt., 5c.
- Globosus Fistulosus.** Perfectly round flowers; very double; saffron. 6 feet. Per oz., 25c.; per pkt., 5c.
- Uniflora.** Tall Double 5c.
- Nana.** Dwarf " 5c.

SINGLE SWEET VIOLETS.

(*Double Violets. Do not Seed.*)

Large Flowering. Mixed colors. Hybrids between the sweet violet and the pansy, retaining the delightful violet perfume of the former, with beautiful pansy-like blossoms, 2 to 2½ inches across, of much substance and a variety of beautiful colors, shades, markings, blending, etc. The plants are hardy and vigorous. Pkt., 10c.

WALLFLOWER. (*Cheiranthus Cheiri*.)

Well known favorites, much esteemed for their fragrance; they prefer a sunny situation. Tender perennial. 1½ feet.

Double Mixed . . . per pkt., 5c. **Single Mixed** . . . per pkt., 5c.

SINGLE ANNUAL WALLFLOWER.

Novelty. See description page 28. Price per pkt., 25c.

MAMMOTH FLOWERING ZINNIAS.

Well known favorites, suitable for every garden, blooming most profusely from July to frost. Hardy annual.

SEMI-DWARF VARIETIES.

	Per oz.	Pkt.		Per oz.	Pkt.
Double Crimson, ½ ft.	50c.	5c.	Double White	50c.	5c.
" Purple	50c.	5c.	" Yellow	50c.	5c.
" Violet	50c.	10c.	" Mixed	50c.	5c.
" Scarlet	50c.	5c.	" Tom Thumb	50c.	5c.

Curled and Crested Zinnias. Large double flowers, with petals twisted, curled and crested into the most fantastic and graceful forms. Usual range of colors. Per pkt., 10c.

Nana Compacta Miniature. Very pretty; fine for edging, being considerably smaller and the plants dwarf and compact. Per pkt., 10c.

Pumila. Very dwarf and growing very compact. Per pkt., 10c.

SWEET WILLIAM. (*Dianthus Barbatus*.)

A well-known free-flowering favorite unsurpassed for richness and variety of color. Very effective for bedding. Hardy biennial. 1½ feet.

- Single Mixed** per pkt., 5c.
Double Mixed " 5c.

THUNBERGIA.

Ornamental free-blooming climbers of rapid growth, with handsome foliage and much admired flowers. They should be sown in a warm situation. Half hardy annual.

- Alata.** Buff, with dark eye. per pkt., 5c.
Alba. White, with dark eye " 5c.
Bakeri. Pure white " 5c.
Freyeri. Orange " 5c.
Mixed per oz., 40c. " 5c.

TORENIA.

Pretty plants for vases or hanging baskets. Succeed well in the open ground. Tender annual. 1 foot.

- Fournieri.** Porcelain-blue and rich violet; throat bright yellow. Per pkt., 10c.
White Wings. Pure white, with rose throat. Per pkt., 10c.

TROPÆOLUM LOBBIATUM.

(*Lobb's Climbing Nasturtiums*.)

The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium, but their greater profusion renders them superior. Height, 12 to 15 feet.

- Mixed Colors** per pkt., 5c.

VINCA.

Beautiful. Fine for parlor, greenhouse or garden decoration. Their color can hardly be surpassed. Tender perennial. 1½ feet.

- Alba.** Pure white. **Rosea.** Bright rose. per pkt., 10c.
Rosea alba. White with rosy eye " 10c.
Mixed " 10c.

VERBENA.

Well known and universally admired favorite. Fine for bedding. Half hardy perennial.

- Scarlet Defiance.** Extra fine scarlet . . . per pkt., 10c.
Fordhook Mammoth Large Flowering. Dazzling colors and large distinct eyes . . . per oz., \$2.50; per pkt., 10c.
Fine Mixed 0.75; " 5c.
Lemon Scented (*Alaysia Citrifodora*) " 10c.



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Zinnias.



BIRD SEED, BIRD FOOD, ETC.

Bird Seed and Prepared Bird Food.

Making a Specialty of Bird Foods, etc., our facilities are unsurpassed for producing the best articles at the most reasonable prices.

	Per 100 lbs.	Per lb.		Per lb.
Canary Seed. Spanish	\$6 00	\$0 10	Millet Seed. Imported Yellow	\$0 10
" " Sicily	6 00	10	" " White	15
Rape Seed. German Summer	7 00	10	Maw Seed. Blue	15
Hemp Seed. Imported	5 50	10	Lettuce Seed	30
Millet Seed. American	4 00	10	Sunflower Seed	10
			Unhulled Rice, or Paddy	10

Song Restorer, or Treat. An invigorating Tonic and Restorative for Canary Birds, Goldfinches, Linnets, and all Seed Birds. This preparation will, in every case, restore to their natural notes birds who have lost their song from the effects of cold or excessive moulting. For breeding birds and their young it is invaluable, strengthening their notes and improving their plumage. Price, per bottle, 25c.; by mail, 30c.

Prepared Mocking Bird Food. (Gold Medal Brand.) For Mocking Birds, Thrushes, Blackbirds, Robins, Nightingales, Skylarks, and all Soft-bill Birds, this preparation is the purest, healthiest, and cheapest bird food known; its ingredients approximating closely to the food of birds in their natural state, and its use in all cases causing a marked improvement in their song and appearance. Prices, 1-lb. bottles, screw top, per bot., 25c.; 1-lb. tin cans, 25c.; in bulk, 25c. lb.; 5 lbs. for \$1.

Imported Mixed Bird Seed. In lb. boxes (full weight), 10c. each; doz., \$1.00.

Washed Silver Gravel for Birds. Prices, qt. box, 60c. doz.; case of 3 doz., \$1.50.

Genuine German Bird Lime. For catching Birds, Flying Insects, etc. Price, per bottle, 25c.

Genuine Prepared Fish Food. A perfectly pure article, specially prepared for feeding Goldfish, etc., kept in aquaria or globes. Price, per box, 10c.; doz. boxes, \$1.00. By mail, postpaid.

Mulertt's IXL Fish Food. This condensed fish food is prepared with great care. It contains in a handy and clean form the various foods relished by fish when in their natural homes. A portion of it, equal in volume to a grain of wheat, fed once a day, is sufficient to keep a medium sized aquarium fish in prime condition for years. One box of this food contains ample nourishment for three goldfish for an entire year. Price, per box, 25c., postpaid.

Prepared Food for Parrots. For Parrots, Macaws, Parakeets, etc. This food is composed of a mixture of seeds, etc., recommended by the most experienced Bird Fanciers. Price, per lb. box, 15c.; doz., \$1.60.

Ant Eggs—a Treat or Relish. For Mocking Birds, Thrushes, Robins, etc. Price, per box, postpaid, 25c.

Poultry and Pigeon Seeds, Grains, Foods, Etc.

	Quart.	Bush.	Per lb.	Per 100 lbs.
Barley	\$0 10	\$1 25	Hemp Seed	\$0 10 \$6 00
Buckwheat	10	1 40	Lentils	10 6 00
Canada Peas	15	2 50	Millet Seed	10 4 00
Canary Seed	15	2 50	Small Corn	10 4 00
English Vetches or Tares	15	3 00	Sunflower	10 6 00

Special prices on large lots given upon application.

CLEAR GRIT. For Poultry and Pigeons—A Rich Limestone Grit. This Grit is conceded to be the best Grit in the market by poultrymen who understand what is needed in a first-class poultry yard to make it pay, it being rich in lime. Here, in Clear Grit, is the very article desired, for it is clean, sharp pieces of limestone (not gravel, which is usually abraded, but sharp, clear grit, and the grit is limestone itself). 25-lb. sack, 50c.; 100 lbs., \$1.00; bbl. of 250 lbs., \$1.90 net.

BEEF SCRAPS are composed of the same ingredients as animal meal, but not ground as fine. It is not nearly as highly concentrated, and may be fed dry to fowls, just as oyster shells, bone, etc. Per lb., 5c.; 10 lbs., 45c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00. Special price by the ton.

GRANULATED BONE. About the size of wheat and can be fed like any other food in grain. Price, 5 lbs., 25c.; 100 lbs., \$2.50.

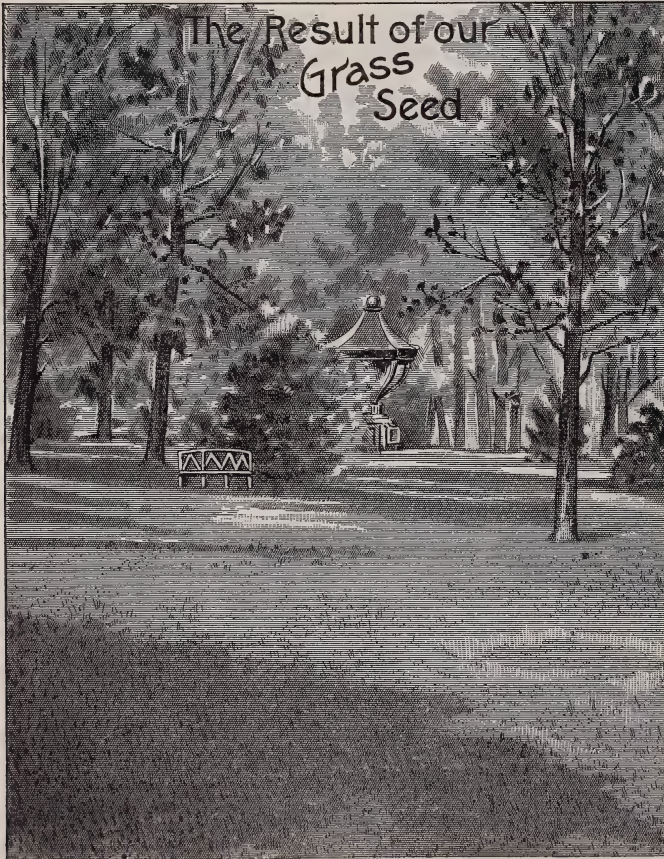
BONE MEAL. Laying hens and young chickens whose digestive powers are not strong are much benefited by this, especially during the winter months or where closely confined in yards. Price, 5 lbs., 25c.; 100 lbs., \$2.50.

OYSTER SHELLS, Ground. Prepared from oyster shells, thoroughly washed, dried and made sweet. Price, 5 lbs., 15c.; 25 lbs., 40c.; 100 lbs., \$1.00; per bbl., about 250 lbs., \$2.00.

Stumpp & Walter Co's High Grade Lawn Grass Seed

For LAWNS, GRASS PLOTS, TENNIS COURTS, CRICKET GROUNDS, ETC.

Sow "High Grade" Lawn Grass Seed and you will obtain a beautiful deep green lawn, which, owing to the varieties used in this mixture, will retain its velvety appearance during the entire summer. Weight, 22 pounds per bushel.



One quart of Our "High Grade" Lawn Grass Seed is sufficient to sow about fifteen feet square; an acre will require from three to four bushels. To produce a good lawn it is always best to sow the seed thickly.

Price, per Quart	\$0 25
" " Peck	1 50
" " Bushel	5 00
" 5 Bushels	20 00
" 10 Bushels	37 50

Central Park Lawn Grass.

The Dwarf-Growing seed we offer under the above name is the same mixture of selected seeds as has been furnished for several years to the Department of Parks and to most of the Florists and Gardeners of New York City and Brooklyn.

One quart of the Central Park Mixture is sufficient to sow about fifteen feet square; an acre will require from four to five bushels. To produce a good lawn it is always best to sow the seed thickly.

Price of Central Park Lawn Grass.

Pint packages, each	\$0 10	By mail	\$0 15
Quart "	20	"	30
Per 1/2 peck, 60 cents; per peck, \$1.00; per bushel, \$3.50.			

LAWN GRASS MIXTURES.

For Special Situations.

Having made a special study of grasses we invite correspondence on the subject, and are always willing to advise, as far as our knowledge will permit, how to secure the desired results, or will cheerfully prescribe for whatever the requirements of any special plot may be.

With a view to overcome difficulties in getting grass to grow, generally the result of using mixtures of grasses not adaptable for the peculiar situations and conditions, we offer herewith a few Special Mixtures, made up of varieties which will thrive in these situations, and under the conditions for which they have been prepared.

SHADY PLACE LAWN SEED.

There is nothing more annoying in caring for a lawn than the bare, unsightly spots under the trees, shrubs, etc., and invariably all efforts have failed to get the grass to grow in such places; but by sowing this mixture the difficulties will be overcome. It is a combination of dwarf-growing varieties which will do well in all shaded places, being found in their natural state in woods and other sheltered spots.

Price, per quart, 35c.; per peck, \$2.25; per bushel, \$7.00.

THE "TERRACE" MIXTURE OF LAWN SEED.

A special mixture of grasses best suited for sowing on terraces and side hills—grasses that produce strong spreading roots, thus preventing heavy rains from washing them out; that will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, green turf throughout the season.

Price, 35c. per quart; \$2.00 per peck; \$7.00 per bushel.

To Grass a Bank or Terrace.—For each square rod, take two quarts of lawn grass seed and mix it thoroughly with six cubic feet of good, dry garden loam. Place in a tub, and add liquid manure, diluted with about two-thirds of water, so as to bring the whole to the consistency of mortar. The slope must be made perfectly smooth, and then well watered, after which the paste should be applied, and made as even and as thin as possible.



ture. Some mature so early and others so late that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. From these considerations the importance of sowing many varieties for pasture and meadow purposes will be apparent, consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet-Scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, Timothy and Red Alsike Clover, blended in proportions which, we have found from actual use, give the most satisfactory results.

On ordinarily fertile soil three bushels of this mixture are sufficient to seed an acre, but where the land is poor a larger quantity will be necessary. Taking one soil with another, a fair average would be three bushels to the acre.

For Hay and Permanent Pasture for Light Soils,	}	\$2.50 per bushel of 14 lbs.
" " " " " Medium Soils.		
" " " " " Heavy Soils.		
" Orchard and Shady Places.		
" Hay only. Specially recommended for large hay crop.	}	50 " 2.40 "
" Pasture only. Will stand close cropping without injury.		

GOLF LINK MIXTURE.

A suitable mixture of Grasses for Golf Links.

While the outlying portions of the "Links" can be seeded with less expensive grasses, the "putting" for about twenty yards around the "holes" must be sown with the very finest grasses.

For Putting Greens we can supply a special mixture of grasses. Price, 30c. per qt.; \$1.75 per peck; \$6.00 per bush.

For the **Outlying Grounds** or Links proper we can supply a suitable mixture of grasses. Price, \$2.50 per bush.; 20 bushels and upward, \$2.25 per bush.

GRASS SEED MIXTURES.

For Hay and Permanent Pasture.

For every different kind and condition of soil there are a large number of grasses, either indigenous or introduced, which are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture.

20 bushel lots,	\$2.45 per bushel
50 " "	2.40 "
100 " "	2.35 "

GENERAL LIST OF GRASSES AND CLOVERS.

Prices Subject to Change.



Red Top.

- Fancy Red Top.** Clean seed, free from chaff. Per bush. (32 lbs.), \$7.00; per lb., 25c., postpaid.
- Kentucky Blue Grass** (*Poa Pratensis*). Well known and extensively grown in all parts of the country; thrives well in a variety of soils and endures the hottest summer. Per bush. (14 lbs.), \$2.50; per lb., 25c., postpaid.
- Bermuda** (*Cynodon Dactylon*). Per lb., \$1.00, postpaid.
- ORGHARD GRASS** (*Dactylis Glomerata*). A valuable pasture grass, relished by stock of all kinds; particularly adapted for growing in shady, moist places, under trees, etc. Per bush. (14 lbs.), \$3.50; per lb., 25c., postpaid.
- TIMOTHY or HERD GRASS** (*Phleum Pratensis*). A variety well known and highly appreciated, producing a profitable hay crop in almost any soil; $\frac{1}{4}$ bushel per acre. Per bush. (45 lbs.), about \$2.50; per lb., 15c., postpaid.
- Meadow Foxtail** (*Alopecurus Pratensis*). One of the earliest and best pasture grasses; grows rapidly when cut or eaten down by stock. Per bush. (7 lbs.), \$2.50; per lb., 40c., postpaid.
- Sweet Vernal Grass** (*Anthoxanthum Odoratum*). Prized more for its early growth than nutritive value. It should be sown in connection with other grasses. Per lb., 85c., postpaid.
- TALL OAT GRASS** (*Avena Elatior*). Producing an early and luxuriant growth; this is a valuable variety for pastures. Per bush. (10 lbs.), \$3.50; per lb., 45c., postpaid.
- Johnson Grass** (*Sorghum Halapense*). Per bush. (25 lbs.), \$3.00; per lb., 20c., postpaid.
- Rhode Island Bent** (*Agrostis var.*). Excellent for lawns or pastures. Per bush. (14 lbs.), \$4.50; per lb., 35c. postpaid.
- CRESTED DOGSTAIL** (*Cynosurus Cristatus*). An excellent grass for hard, dry soils; valuable for pastures and lawns. Per lb., 50c. postpaid.
- HARD FESCUE** (*Festuca Duriuscula*). One of the most desirable dwarf grasses; excellent for dry soils. Per bush., \$2.50; per lb., 25c., postpaid.
- MEADOW FESCUE** (*Festuca Pratensis*). A valuable grass for permanent pastures; very productive and nutritious. Per lb., 35c., postpaid.
- SHEEP FESCUE** (*Festuca Ovina*). An excellent grass for sheep pastures. Per lb., 35c. postpaid.
- English Rye Grass** (*Lolium Perenne*). A very nutritious, rapid-growing variety, valuable for meadows and pastures. Per bush. (24 lbs.), \$2.50; per lb., 25c., postpaid.
- Italian Rye Grass** (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. Per bush. (18 lbs.), \$2.50; lb., 25c., postpaid.
- Rough Stalked Meadow Grass** (*Poa Trivialis*). Produces an abundant crop of highly nutritious herbage; valuable for either moist or dry soils. Per lb., 50c., postpaid.
- Wood Meadow Grass** (*Poa Nemoralis*). A very productive and nutritive grass, adapted for lawns or pastures. Thrives well under trees. Per lb., 50c., postpaid.
- HUNGARIAN GRASS** (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks, often yielding two or three tons of hay per acre; 1 bushel per acre. Per bush. (48 lbs.), \$2.00; per lb., 25c., postpaid.

CLOVERS.

Alfalfa or Lucerne (*California Crown*). A deep, rich soil is best adapted to the cultivation of this plant; in such, several crops are produced in a season; 15 lb. sow an acre. Per 100 lbs., \$15; per lb., 20c., postpaid.



English Rye.

- ALSIKE** (*Trifolium Hybridum*). Per 100 lbs., \$18.00; per lb., 25c., postpaid.
- WHITE** (*Trifolium Repens*). Per 100 lbs., \$25.00; per lb., 25c., postpaid.
- TRIFOIL** (*Medicago Lupulina*). Excellent for sheep pasture. Per lb., 30c., postpaid.
- MEDIUM RED** (*Trifolium Pratense*). Per 100 lbs., \$11.00; per lb., 15c.
- CRIMSON** (*Trifolium Incarnatum*). Per lb., 15c.; per 10 lbs., \$1.20, by express.

THE BEST SHEEP FODDER.

RAPE—Dwarf Essex, English. The growing of Rape is becoming more general year by year, and with much profit to the farmer. While the crop is more especially grown for feeding sheep, still, cattle, pigs and milch cows do very well upon it. If possible, sheep should have access to a grass pasture, on which they will feed alternately with the Rape, thus keeping them in the best thriving condition. A constant supply of salt in the Rape field is quite beneficial. For sheep pasture, it may be sown in May and will be ready for pasturing in July and August. Or it may be sown in June, or even up to the latter part of July, and furnish a large amount of pasture or fodder. In drills, sow 5 lbs. to the acre; broadcast, 10 lbs., to the acre. Per 100 lbs., \$8.00; per lb., 15c., postpaid.



Timothy.

SUMMER FLOWERING BULBS.



Begonia, Tuberous Rooted.

SUPERB FANCY CALADIUMS.

These make grand plants in pots for the conservatory or greenhouse, and are becoming more popular yearly. They also do splendidly in beds outdoors in a shady place and in rich, light free soil. (*See cut.*)

E. G. Henderson. Green, rose-colored spots, and mottled crimson.

Wightii. Dark green, with white and red spots.

Mme. A. Heine. Light green, spotted and veined pink and cream.

Ed. Moreau. Crimson veins, sprayed with rose, white spots, light green ground.

Keteleerii. Purplish-red veins, webbed white, spotted light and dark green.

Pilote. Carmine center, rose spotted, deep carmine veins, green margin.

Baron de Mamoro. Crimson veins, sprayed with deep rose, small white dots.

Jose Bonifacio. White leaf, pale green veins and margin, blotched crimson.

Sieboldi. Crimson veins, purplish rays, red dots on splashed green ground.

Max Kolb. Pale green veins, blood-red spots on white ground, green margin.

Sete de Setembro. Light green ground, pink and light green mottlings.

Werner Meyer. Light pink veins, sprayed deeper pink, light green ground.

Price 20c. each; \$2.00 per doz.

GIANT WHITE SUMMER HYACINTH.

Luxuriant, free-growing summer-flowering plant, spreading two or three feet, throwing up great tall spikes, four to five feet in height, each bearing 20 to 30 large white bell-shaped flowers, of the easiest culture and fine for groups. 5c. each; 50c. per doz. If ordered by mail, add 10c. per doz. for postage.

BEGONIAS—Tuberous Rooted.

If ordered by mail, add 10c. per dozen for postage.

Single scarlet, crimson, rose, salmon, yellow, white and mixed. The beauty of this class of Begonias and their adaptability to almost all situations has made them a general favorite for summer garden decorations. They are now being used in large quantities for bedding purposes. Their flowers, large and brilliant in color, bid fair to eclipse in popularity the Geranium. Plant about May 15. 5c. each; 50c. per doz.; \$4.00 per 100.

Double scarlet, crimson, rose, salmon, yellow, white and mixed, 20c. each; \$2.00 per doz.

CALADIUM ESCULENTUM.

If ordered by mail, add 15c. per dozen for postage.

One of the handsomest of the ornamental leaved plants. It will grow in any garden soil, and is of the easiest culture. Plant in large pots for lawn decorations or for massing in beds; it is unsurpassed as a decorative plant. Plant about May 10. 10c. each; \$1.00 per doz. Extra size, 25c. each; \$2.50 per doz. Mammoth, 35c. each; \$3.50 per doz.

BESSERA ELEGANS.

Coral Drops. If stored during winter in a dry place and planted in the garden in the spring, it can be grown with perfect ease; its umbels of bright coral-like flowers open in succession during fully two months of the late summer. The flowers are of vermilion red, variously marked with white on the inner surface; bright purple anthers. Height, 1 to 2 feet. 5c. each; 50c. per doz. \$3.00 per 100.



Fancy-leaved Caladium.

CANNAS.

If ordered by mail, add 15c. per doz. for postage.

Cannas should not be planted until the warm weather sets in, or about May 15. If planted too early the bulbs are apt to rot.

Special Varieties of Recent Introduction.

Black Beauty attracted more attention and praise at the Pan-American than any other bedding plant shown. It is the most striking Canna in existence, growing 5 to 7 feet high, with broad distinctive foliage of a deep blood red, crimson tint. Nothing can equal its rich tone of color. It is indispensable for the centers of groups or among shrubbery where tall plants are required, and it produces the most magnificent effects when used alone in simple masses. Price, 25c. each; \$2.00 per doz.

President McKinley. The best dwarf crimson bedder introduced. Color a fiery deep crimson-scarlet. It is an early, constant and immensely profuse bloomer, throwing a strong flower spike early in June, when 12 to 18 inches high, and is covered continually thereafter with its startling brilliant heads of bloom. During the months of July, August, September and October it is a mass of intense color. Habit dwarf, reaching 3½ feet at the end of the season. Price, 10c. each; \$1.00 per doz.

President Cleveland. This variety has attracted widespread attention the past season, and is conceded to be one of the finest introductions of late years. Color is bright orange-scarlet. A fine compact, vigorous grower, throwing up numerous immense trusses with flowers of large size. Price, 10c. each; \$1.00 per doz.



Canna, Gloriosa.

Gloriosa. A splendid dwarf variety of the Queen Charlotte type, vigorous, healthy habit, 18 inches to 2 feet in height. Foliage broad, of a bright rich green. The flowers are borne in massive trusses, measuring 9 inches or more in length and 6 to 8 inches in diameter. The individual florets are 4 to 5 inches across, of a rich scarlet-crimson color, broadly margined, with a distinct golden-yellow band. Price, 15c. each; \$1.50 per doz.

Italia and Austria. NEW ITALIAN ORCHID CANNAS. The Handsomest Cannas ever put upon the Market.

Leaves Musa-like, almost upright. Stems 9 feet high if grown under favorable conditions; gigantic spikes, 16 inches long, with a number of very large flowers, having petals measuring 4 to 5 inches.

Italia. Brilliant scarlet flowers, spotted and deeply bordered with yellow. Price, 10c. each; \$1.00 per doz.

Austria. Giant golden-yellow. Price, 10c. each; \$1.00 per doz.

GENERAL LIST OF CANNAS.

Alphonse Bouvier. One of the best bright crimson flowering varieties; immense size.

Chas. Henderson. Height 2½ to 3 ft. Color brilliant deep crimson. Broad deep green foliage.

Chicago. One of the best scarlet Cannas.

Columbia. Produces grand trusses deep of scarlet flowers.

Egandale. Height 3 to 4 feet. Color bright, clear crimson. Deep bronze-green foliage.

Eldorado. The best golden-yellow Canna of its class on the market. The flowers are of the largest size, heads full and borne well above the foliage, habit dwarf and compact, 2½ to 3 feet in height.

Paul Marquant. Bright salmon flowers of very large size.

Mme. Crozy. Immense trusses of bright scarlet flowers, with a distinct border of bright yellow, foliage green; 3 feet.

Papa. Grows about 3 feet high, with immense spikes of red flowers; heavy light green foliage.

John White. About 3 feet in height, with reddish stems, light green foliage, beautifully striped with white, yellow and rose, edged with red, the combination of which produces a grand effect. The flowers are small and of a bright red color.

Queen Charlotte. The center of the petals is of a beautiful blood-red, and edge of petals, to the depth of ½ inch, purest, brightest canary yellow.

Souv. du President Carnot. Brilliant cherry-red flowers. Splendid habit, deep purplish-bronze foliage.

Robusta. This variety, with good cultivation, will grow fully 10 feet high, with immense leaves, 4 feet long, 1½ feet in width, of dark bronze and green colors.

Finest Mixed. Dwarf French Cannas...50c. per doz.
" " Tall Flowering " ...50c. per doz.

Price of any of the above varieties (except where noted), 10c. each; 75c. per doz.

DAHLIAS.

WE take pleasure in offering herewith the latest and finest varieties of Dahlias of recent introduction, and would like to draw the attention of our patrons to the fact that the varieties offered in this list are the cream of collections which have taken prizes at the Horticultural Exhibitions at Philadelphia and New York.

The following list comprises only the newer varieties, *avoiding* such sorts as are familiar but not so good as those mentioned here, as well as a good many of the older sorts which have been improved upon, as well as some newer sorts, which are no improvement over the older sorts, and those offered under different names by different firms, leaving it a most select list of this *Grand Old Garden Favorite*.

DAHLIAS OF SPECIAL MERIT.

20th. Century. (Peacock.)

The most exquisite Dahlia ever introduced and the first of a new race. No orchid could be more delicate in color or yet richer in shading. It is purest white at the tips and base of the petals, gradually shading toward the center of the petal to delicate blush rose, and finally bursting into a flame of the most beautiful crimson. The colors of this superb Dahlia defy description. It is not a variegated variety, but a most wonderful blending of harmonious colors. 5 ft.

The flowers are of largest size, 6 to 7 inches across and of splendid form, while the plant is a very strong grower and profuse bloomer.

Price, strong plants, ready April 15th, \$1.00 each.

Storm King. A companion for the superb pink Dahlia A. D. Livoni. This variety is an extremely early, profuse and constant bloomer, a strong, vigorous grower of dwarf branching habit, and produces its flowers on long stems. The flowers are snow white, of perfect form, and full to the center. As a cut-flower variety it is the florist's ideal, while for grouping or as a specimen plant (see photograph on page 57 of a specimen plant in full bloom) it is far ahead of any other white show Dahlia. 3 ft. 25c. each; \$2.50 per doz.

Eureka. Beautiful new pink show Dahlia, deep rose, shading lighter toward the edges. A cross between Duke Alexis and A. D. Livoni, almost as large as Alexis, having a full high center, and the beautiful pink of A. D. Livoni. 3½ ft. 40c. each; \$4.00 per doz.

Aleta. (Peacock.) An exquisite quilled show variety that will become more generally known than A. D. Livoni. It is of the same form, beautifully quilled, but much lovelier, being a much lighter and



New Snow-white Show Dahlia, Storm King (Blizzard).

softer pink. The color is between Nymphæa and A. D. Livoni, a lovely bright shrimp pink, the color of the carnation Melba. It is also superior to A. D. Livoni as a bloomer, producing twice as many blooms as that standard variety, and every flower is absolutely full to the center. 3 ft.

Unlike so many profuse flowering varieties, Aleta is a vigorous grower of strong, sturdy habit, and the flowers are perfect in form and freely produced even in the driest weather.

Price, strong plants, ready April 15th, 40c. each; \$4.00 per dozen.

Lawrence Kramer. A strong branching grower with dark, glossy green leaves, with flowers of perfect rounded form, borne on long, slender but wiry stems. The color is a deep bright rosy pink, of the richest, brightest shade, without tint or blemish. In marked contrast with so many of the so-called pink singles, which are shaded crimson, violet or lavender. In the garden a few plants will furnish a supply of fresh cut flowers daily. By far the best pink single Dahlia. 5 ft.

Strong plants, ready April 15, 40c. each; \$4.00 per doz.

DAHLIAS—Continued.

Red Hussar. 5 ft. Show. (Peacock.) A grand variety that will fill a long-felt want. The flowers are large, of regular form, with a full high center and good texture. The color is purest cardinal red without trace of purple or crimson, which is found in so many varieties. The plant is a very strong, vigorous grower, of branching habit, and produces the flowers on stems 18 inches to 2 feet long.

Price, strong plants, ready April 15, 40c. each; \$4.00 per dozen.

New and Rare Cactus Dahlias.

Delicata. 3 ft. A beautiful true Cactus variety; light salmon at base of petals, gradually shading off to lovely delicate pink.

Gloriosa. 4 ft. Medium to large size, with long, narrow, twisted petals; color deep, bright red, shaded scarlet.

Matchless. 4 ft. Rich, deep, velvety maroon, with long, pointed petals, and flowers thrown well above the foliage.

Green's Gem. 4 ft. Rich, glowing orange-red, bright and fiery, with long, narrow, twisted petals gracefully incurved.

Beatrice. 5 ft. Deep rose pink, with long twisted petals; very large.

Earl of Pembroke. 3 ft. Bright plum, deeper and more velvety toward the center; petals long, pointed and regularly arranged. One of the best.

The Queen. 4 ft. Truly rightly named. A pure snow white. It is an elegant flower; has long, stiff stems, which throw the flowers well above the foliage. Will be greatly used by florists and others as a cut flower.

John H. Roach. 4 ft. Finest soft yellow petals, long and twisted.

Harmony. 4 ft. Large crimson flowers shading to old gold in center; with long, curling petals.

Cinderella. 3 ft. Bright purple.

Cinderella. 3 ft. Bright purple, deepening to a rich, velvety shade in the center.

Island Queen. 4 ft. A beautiful light mauve.

Sieglinde. 4 ft. Color, pure amber, shading to delicate chamois at the tips of the petals.

Price, 20c. each; \$2.00 a doz., by mail, postpaid. By express, 15c. each; \$1.50 per dozen.

DECORATIVE DAHLIAS.

All excellent varieties.

Admiral Dewey. 4 ft. (Decorative.) Brilliant imperial purple. Of fine form; a strong grower, and by far the best of its class. 25c. each; \$2.50 per doz.

Fire Flame. 3 ft. Orange buff, edged and flamed scarlet.

Celestine. 4 ft. Bright yellow suffused with orange.

Maid of Kent. 4 ft. Cherry red, tipped white; sometimes a solid color, when it is a superb red.

John Elitch. 5 ft. Large, perfectly formed, and of a deep, rich red. A tall grower and blooms rather late.

Clifford W. Bruton. 6 ft. The finest pure yellow decorative Dahlia; of immense size, 5 to 6 inches in diameter; of full Chrysanthemum form and full to the center; a strong, vigorous grower and an extremely profuse bloomer to have so large a flower. No collection is complete without this superb variety.

Henry Patrick. 3 ft. A superb pure white variety of large size and borne on long stems; excellent for cutting; strong plants only.

Marchioness of Bute. 3 ft. Very pretty; pure white, heavily tipped deep pink.

Nymphæa. 4 ft. By far the most delicately beautiful Dahlia ever introduced; more extensively grown for cut flowers than all others combined; the flowers are of medium to large size, always full to the center, resemble the ideal pink water lily; the color is a clear, distinct, light shrimp pink, tinted lighter toward the center.

Mrs. Geo. Reed. 3 ft. One of the best of this class; pure white, beautifully edged and flaked soft rosy lake; the petals overlap each other and are deeply veiled.

Wm. Pierce. 3½ ft. Rich butter yellow; a favorite variety.

Zulu. 3 ft. Rightly named "the Black Dahlia"; jet black, changing to black maroon as the flowers fully expand; of fine form and full to the center. \$2.00 per doz. By express, 15c. each; \$1.50 per dozen.

FANCY DAHLIAS.

This class has flowers striped, tipped, mottled, penciled and variegated in almost every conceivable manner.

American Flag. 3 ft. Pure white, striped crimson.

Ethel. 3 ft. Of exquisite form; pure yellow, tipped pure white; one of the finest; sometimes pure yellow.

General Grant. 3 ft. Very large; yellow, suffused amber, striped crimson.

Gilt Edge. 3 ft. New; a striking combination; pure white, margined deep gold.

Penelope. 3½ ft. White, flaked lavender; very fine.

Mrs. Stancombe. 4 ft. A peculiar and pleasing fancy Dahlia; straw, suffused amber, striped red; mottled and tipped pinkish white.

Chang. 4 ft. Very large; salmon-buff, striped crimson.

Elegans. 4 ft. Rosy-purple, tipped and banded white; quilled petals.

Keystone. 3½ ft. Pink, striped crimson; large and fine.

Lottie Eckford. 3 ft. White, spotted and striped pink and crimson.

S. Sickman. 3 ft. Dark maroon, tipped white.

Striped Banner. 3 ft. Crimson scarlet; tipped white.

Price 20c. each; \$2.00 per doz. postpaid. By express 15c. each; \$1.50 per doz.

"THE DAHLIA."

A practical treatise on the habits, characteristics, cultivation and history of the Dahlia. By L. K. Peacock. A beautifully illustrated book, given free with every order for Dahlias amounting to \$3 00. Price, 50c.

SHOW DAHLIAS.

This class has large, round and full flowers, all of solid colors, or edged and tipped darker.

NEW AND RARE VARIETIES.

Arabella. 3½ ft. An early and profuse-flowering variety, of large size and perfect form; color pale primrose, tipped and shaded old rose and lavender. One of the loveliest of this section.

A. D. Livoni. 3½ ft. Beautiful soft pink with quilled petals and full to the center; an early and profuse bloomer.

Duchess of Cambridge. 5 ft. White, suffused pink, tipped and edged shades of purple.

Emily. 4 ft. One of the best; varies from rosy lavender to white, suffused lavender; a large, beautiful and striking flower.

Psyche. 3 ft. Pale primrose, shaded rose, a dwarf-branching plant, and one of the most profuse bloomers.

Topsy. 4 ft. A pleasing red.

May Oakleigh. 3½ ft. Of medium size, deep lilac; a profuse bloomer; has long stems.

Miss S. Blanc Pennebaker. 3 ft. Flowers of good form, good substance and exquisite finish; the center petals are silvery-white, delicately tinged, soft bright pink, while the outer petals are of same color, heavily tipped bright rose-pink, shading to crimson.

Margaret Bruant. 2½ ft. Dwarf and free; pure white.

Nero. 5 ft. Dark crimson maroon; very fine.

Queen of Beauties. 4 ft. Rich sulphur, suffused old gold.

Souv. de Mme. Moreau. 4 ft. Very large, of perfect form; deep pink; very fine for cutting.

Price, 20c. each; \$2.00 per doz., by mail, postpaid. By express, 15c. each; \$1.50 per doz.

POMPON OR BOUQUET DAHLIAS.



Little Beauty.

Price, 20c. each; \$2.00 per doz., by mail, postpaid. By express, 15c. each; \$1.50 per doz.

Achilles. 3 ft. Beautifully formed; pure pink.

Aillett's Imperial. 3 ft. White, suffused pink, tipped imperial purple; always perfectly formed.

Canary. 3 ft. The finest pure yellow Pompon, always full to the center and a profuse bloomer.

Little Beauty. 3 ft. Delicate shrimp pink of full round form and beautifully quilled petals; it has long, graceful stems especially adapted for bouquets.

Little Diavola. 3 ft. Pink, tipped crimson-maroon.

Prince Charming. 3½ ft. White, penciled, suffused and heavily tipped purple-pink; a strong grower, of good form, and blooms until frost.

Eleganta. 2½ ft. Soft pink tipped deep pink.

Fairy Queen. 4 ft. Light sulphur-yellow, edged deep peach.

Klein Domatia. 2½ ft. Salmon-buff; profuse; fine.

Miss Lou Kramer. 4 ft. Base of petals yellow, heavily tipped clear, bright crimson, overlaid bright pink; semi-quilled, reflex fawn; a very pleasing variety, and full to the center up to the last.

Mignon. 3 ft. Deep, rich crimson.

Snowlad. 2½ ft. The finest white Pompon to date.

SINGLE DAHLIAS—General Collection.

Embracing only distinct colors and free bloomers. Single Dahlias are again coming to the front for bouquets, and they make beautiful blooming plants.

Fashion. 4 ft. One of the best high-colored sorts; crimson-maroon, flamed purple; light disk.

Novelty. 2½ ft. (The fragrant Dahlia). Bright pink, spotted, penciled and striped deep, rich crimson. Fine form, and a strong, dwarf grower; good stems.

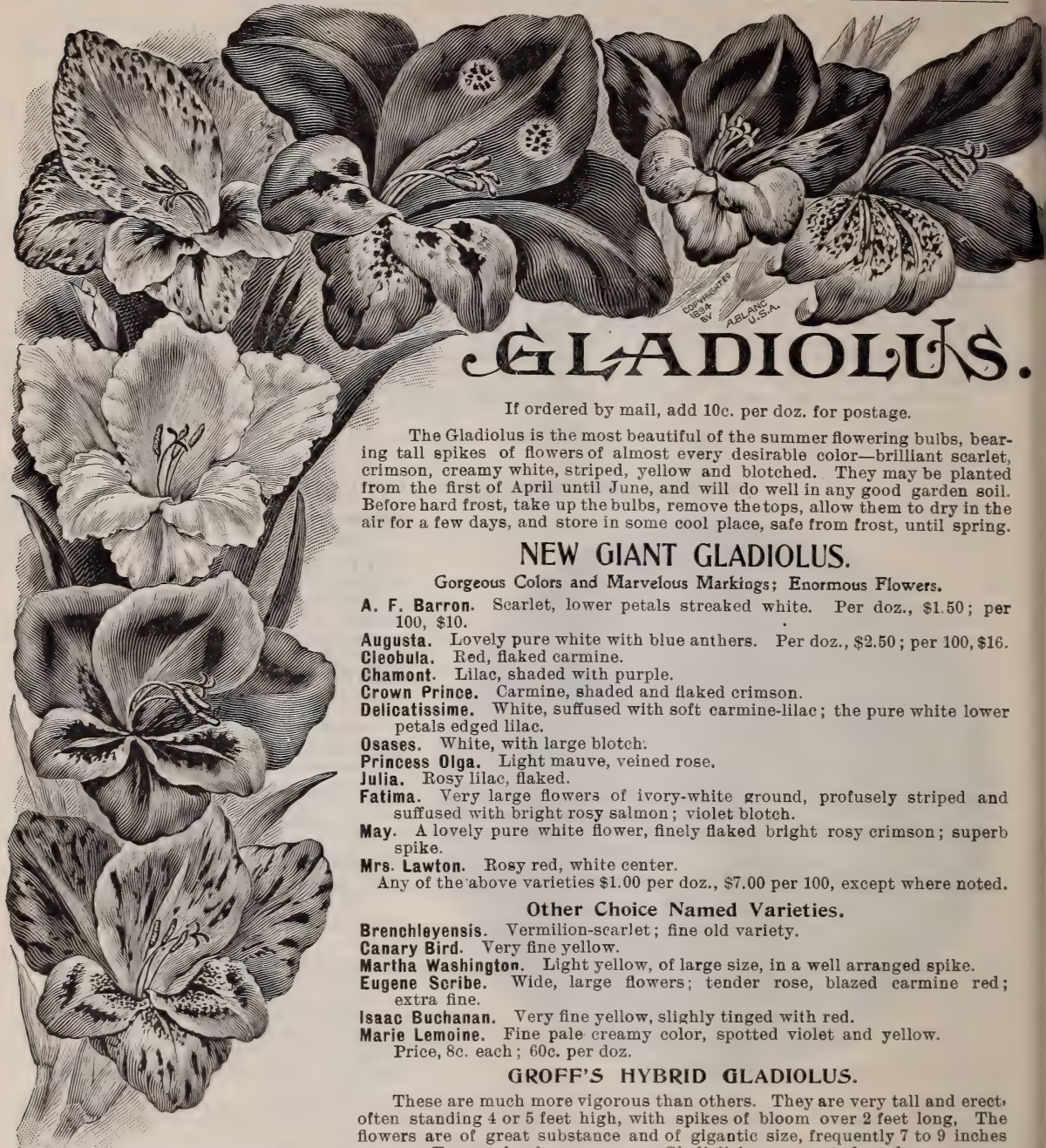
Mrs. L. C. Bassett. 3 ft. Maroon striped lilac.

Seratipetala. 3 ft. Bright red; petals cleft at tips.

Snow Queen. 3 ft. Best pure white; single.

Sunningdale. 4 ft. Rich, creamy white; tinged pink.

Price, 20c. each; \$2.00 per doz., by mail, postpaid. By express, 15c. each; \$1.50 per doz.



GLADIOLUS.

If ordered by mail, add 10c. per doz. for postage.

The Gladiolus is the most beautiful of the summer flowering bulbs, bearing tall spikes of flowers of almost every desirable color—brilliant scarlet, crimson, creamy white, striped, yellow and blotched. They may be planted from the first of April until June, and will do well in any good garden soil. Before hard frost, take up the bulbs, remove the tops, allow them to dry in the air for a few days, and store in some cool place, safe from frost, until spring.

NEW GIANT GLADIOLUS.

Gorgeous Colors and Marvelous Markings; Enormous Flowers.

A. F. Barron. Scarlet, lower petals streaked white. Per doz., \$1.50; per 100, \$10.

Augusta. Lovely pure white with blue anthers. Per doz., \$2.50; per 100, \$16.

Cleobula. Red, flaked carmine.

Chamont. Lilac, shaded with purple.

Crown Prince. Carmine, shaded and flaked crimson.

Delicatissime. White, suffused with soft carmine-lilac; the pure white lower petals edged lilac.

Osases. White, with large blotch.

Princess Olga. Light mauve, veined rose.

Julia. Rosy lilac, flaked.

Fatima. Very large flowers of ivory-white ground, profusely striped and suffused with bright rosy salmon; violet blotch.

May. A lovely pure white flower, finely flaked bright rosy crimson; superb spike.

Mrs. Lawton. Rosy red, white center.

Any of the above varieties \$1.00 per doz., \$7.00 per 100, except where noted.

Other Choice Named Varieties.

Brenchleyensis. Vermilion-scarlet; fine old variety.

Canary Bird. Very fine yellow.

Martha Washington. Light yellow, of large size, in a well arranged spike.

Eugene Scribe. Wide, large flowers; tender rose, blazed carmine red; extra fine.

Isaac Buchanan. Very fine yellow, slightly tinged with red.

Marie Lemoine. Fine pale creamy color, spotted violet and yellow.

Price, 8c. each; 60c. per doz.

GROFF'S HYBRID GLADIOLUS.

These are much more vigorous than others. They are very tall and erect, often standing 4 or 5 feet high, with spikes of bloom over 2 feet long. The flowers are of great substance and of gigantic size, frequently 7 to 9 inches across. Every color known among Gladioli is represented, and many never

before seen, particularly blues, smoky grays and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow, etc. Mixed colors, per doz., \$2.00; per 100, \$10.00.

GLADIOLI IN MIXTURE.

White and Light. A choice mixture of seedlings and named varieties. Each, 5c.; doz., 50c.; per 100, \$3.00.

Various Shades of Pink. Each, 4c.; doz., 35c.; per 100, \$2.50.

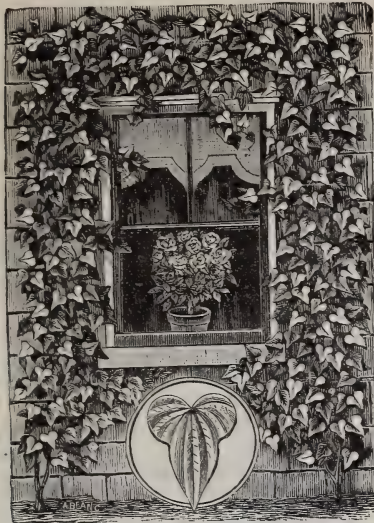
Lemoine's Mixed. Per doz., 50c.; per 100, \$3.00.

Various Shades of Red. Each, 3c.; doz., 30c.; per 100, \$2.00.

Various Shades of Yellow. Each, 7c.; doz., 65c.; per 100, \$4.00.

Choice Mixtures. Each, 3c.; doz., 25c.; per 100, \$1.25.

Striped and Variegated. Per doz., 40c.; per 100, \$3.00.



Cinnamon Vine.

Cinnamon Vine.

Dioscorea Batatas. A beautiful rapid-growing summer climber, with bright green glossy foliage, and spikes of deliciously cinnamon-scented white flowers. It is perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring, so as to cover any trellis or arbor very early in the season. *Large Select Roots.* 5c. each; doz., 50c.; 100, \$3.50.

Dielytra Spectabilis,

or Bleeding Heart.

A well-known ornamental spring flowering plant, with green foliage and bearing racemes of pink and white heart-shaped flowers. Plant as soon as the ground can be worked. They may be left undisturbed for years. 15c., each; \$2.00 per doz. By express only.

New Hybrid Gloxinias.

The handsomest of our summer-blooming plants, the rich and varied coloring of the flowers being beautiful in extreme, many of them beautifully speckled; flowers three inches long by two inches in diameter, upright and pendulous; colors various and exceedingly rich in appearance. 20c. each; 3 for 50c.; 7 for \$1.00; 12 for \$2.00.

Special.—Gloxinias in separate colors, as follows: *white, red, violet, red white edge, and violet white edge.* 30c. each; set of 5 for \$1.25.

Milla.

Biflora. Mexican Star Flower. A beautiful summer-blooming bulb, for sunny positions. A row or bed of them is always in flower after the middle of summer and very attractive. Flowers star-shaped, 1½ inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. Place a stalk in water and the flowers will all open; we have seen 11 stalks shoot up successively from one bulb. The bulbs flower profusely and with great certainty. Height, 12 to 18 inches. 3c. each; 30c. per doz.; \$2.00 per 100.

Madeira Vine.

The old favorite "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery fragrant white flowers. 5c. each; 50c. per doz.; \$3.50 per 100.



Dielytra.

Montbretias

Hardy, summer-flowering, bulbous plants, with brightly colored flowers borne on long, graceful spikes. Valuable for cutting. They should be planted in groups and left undisturbed.

Bouquet Parfait. Large, bright vermilion flowers, with deep yellow center. 8c. each; 75c. per doz.; \$3.00 per 100.

Drap d'Or. Rich yellow; very large, handsome flowers. 8c. each; 75c. per doz.; \$3.00 per 100.

Elegans. Bright yellow, outside streaked with vermilion; extra fine. 5c. each; 40c. per doz.; \$2.50 per 100.

Etoile de Feu. Bright vermilion, with deep yellow center; large flowers. 8c. each; 75c. per doz.; \$4.00 per 100.

Aurea. Fine golden-yellow. 5c. each; 35c. per doz.; \$2.00 per 100.

Golden Sheaf. (Gerbe d'or). Bright yellow. 6c. each; 60c. per doz.; \$3.00 per 100.

Pyramidalis. Salmony apricot. 5c. each; 40c. per doz.; \$2.50 per 100.

Solfataire. Light yellow. 6c. each; 60c. per doz.; \$3.00 per 100.

Soleil Couchant. Orange-yellow. 6c. each; 60c. per doz.; \$3.00 per 100.

Tigrida. Yellow, tinged, with red. 6c. each; 60c. per doz.; \$3.00 per 100.

Transcendence. Yellow and orange, flamed. 6c. each; 60c. per doz.; \$3.00 per 100.

Collection of one bulb of each of above named varieties for 55c.; mixed, 35c. per doz.; \$2.00 per 100.

OXALIS, Summer Flowering.

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage, about 1 foot high, which produce flowers in endless succession.

Lasiandra. Rosy pink. 15c. per doz.; \$1.00 per 100.

Deppel. Rosy white. 15c. per doz.; \$1.00 per 100.



Gloxinias.

LILIES.

All Lilies delight in rich soil, such as is afforded by a mixture of loam and well-rotted manure. When grown in the border or open ground they should remain undisturbed for years, frequent removals being injurious. In the autumn give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least six inches deep. When Lilies are ordered at 100 rates buyer pays transit.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the center of each petal; very fine. 15c. and 25c. each; \$1.50 and \$2.50 per doz. Postage, 5c. each extra.

Speciosum Rubrum. White, heavily spotted with rich crimson spots. 15c. and 25c. each; \$1.50 and \$2.50 per doz. Postage, 5c. each extra.



Longiflorum. Pure white trumpet-shaped fragrant flowers, splendid either for growing in pots or for planting out. 15c. each; \$1.50 per doz.

Speciosum Meloomene. Very large flowers, rich blood-crimson, heavily spotted. 15c. each; \$1.50 per doz. Postage, 5c. each extra.

Tigrinum Splendens. (Improved Tiger Lily.) Very large flowers. 12c. each; \$1.25 per doz.

Flore Pleno. (Double Tiger Lily.) Orange-red, spotted with black; double, showy flowers. 12c. each; \$1.25 per doz.

Speciosum Roseum. White, shaded and spotted with rose. 15c. and 25c. each; \$1.50 and \$2.50 per doz. Postage, 5c. each extra.

LILIAM AURATUM.

(The Golden-Banded Lily.)

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 center 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.) Extra large bulbs, 25c. each; \$2.50 per doz. First size bulbs, 15c. each; \$1.50 per doz.



Lilium Auratum.



==New==
 Large-Flowering
JAPAN IRIS

✿
**Iris Kämpferi
 Grandiflora.**

THE magnificence of these new Irises surpasses description. The flowers are of enormous size, averaging from 6 to 8 inches across, and of indescribable and charming hues and colors, varying like watered silk in the sunlight, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually representing several shades while a golden yellow blotch surrounded by a halo of blue or violet at the base of the petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy, and flowers in greatest profusion in June and July, and attains greatest perfection if grown in moist soil, or if plentifully supplied with water while growing and flowering.

The following varieties have been selected from a large collection, grown by a famous Japanese horticulturist, and recognized as the finest assortment of Japanese Iris known. The different varieties, having Japanese names, we have deemed it advisable to distinguish the various sorts by numbers, as follows:

No. 1. Pure white ground, with satiny white veins; base of the petal feathered light yellow.

No. 3. White ground, shaded with sky blue; base of petals yellow, pure white veins, the three small center petals pure white.

No. 6. Rich, deep magenta, with white veins; base of petals golden yellow, inner petals white, heavily margined with light blue.

No. 8. Pure white ground, richly veined with lavender; base of petals yellow and center petals light purple and white.

No. 11. White ground, considerably speckled with cerise, shading to margin in a dark cerise; base of petals bright yellow, framed with a bright blue, center petals being white and lavender margin.

No. 19. Light blue ground with dark blue veins; base yellow, three center petals brown, margin white, and small center petals lavender, speckled with white.

No. 23. Rich royal purple ground, veined with black; base of petals feathered yellow, center petals shading from violet to light purple.

No. 26. White ground, shaded and mottled with deep rose, almost crimson; base of petals yellow, flamed with bright blue.

No. 32. Rich deep blue, shading to margin to a black-blue; base orange, center petals purple with white margin.

No. 34. Lavender ground with deep lavender veins, yellow base and center, petals purple.

No. 35. White ground, pure white satiny veins, reverse of petals deep rose and margined with purple; base feathered yellow.

No. 37. Bright blue, shading to dark blue, heavily veined with white, base of petals yellow and reverse pale blue; three center petals old rose, and small center petals white, tipped with dark blue.

No. 40. Ground delicate blue, heavily mottled with dark blue; base of petals yellow, and center petals white, margined dark lavender.

No. 43. Garnet, speckled with white; base of petals feathered yellow, center petals white, margined purple.

No. 46. Ground rich dark heliotrope, veined with white, center of petals feathered yellow.

Price of any of the above-named varieties, 25c. each, \$2.50 per dozen, or a complete collection of 15, one of each sort, for \$3.00.

SINGLE JAPANESE IRIS, Mixed Colors, 20c. each; \$2.00 per doz.

DOUBLE JAPANESE IRIS, Mixed Colors, 20c. each; \$2.00 per doz.



CLEMATIS.

Large Flowering Varieties.

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 they have scarcely an equal.



Clematis.

Jackmanni. The best-known and most valued variety of this popular family. A perfect mass of bloom when in full flower. Color, dark, rich, royal purple. 40c. each; \$4.00 per doz.

Duchess of Edinburgh. This variety is perfectly double, like a rosette.

It is sweetly fragrant, and equally hardy and vigorous with the others. 40c. each; \$4.00 per doz.

Miss Bateman. Silvery white, dark anthers; an attractive sort. 40c. each; \$4.00 per doz.

Jeanne d'Arc. Pure white. Rapid in growth, and slender, graceful habit. 40c. each; \$4.00 per doz.

Viticella. A unique shade in Clematis, a dull rose color, making a pretty contrast to the stronger colored sorts. 40c. each; \$4.00 per doz.

Viticella Kermesina. Clear red, very fine color. 40c. each; \$4.00 per doz.

Small Flowering Variety.

Paniculata. (*Japanese Virgin's Bower.*) This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. 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; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired. Strong two-year-old plants, 25c. each; \$2.50 per doz.; strong one-year old plants, 15c. each; \$1.50 per doz.

TIGRIDIAS.

Extremely handsome summer-flowering bulbs, growing about two feet high, producing large, gorgeous flowers, exquisitely spotted; flowers profusely throughout the summer. Separate colors of yellow, crimson and white. 5c. each; 50c. per doz.

TUBEROSE.

Double Excelsior Pearl.

If ordered by mail, add 10c. per dozen for postage.

This pure white, perfectly double, fragrant flower is too well known to need any description. Plant when the ground is warm, in good rich soil. Our bulbs are extra selected, first size, and are sure to flower if properly treated. 5c. each; 50c. per doz.; \$2.00 per 100. Express paid.



TREE PAEONIES.

TREE PAEONIES are a beautiful species of the well-known plants of that name, bearing a profusion of massive flowers, in the most brilliant and deepest red as well as in rose, and pure and tinted white, rendering them particularly effective for lawn decoration or for mingling among shrubs in borders. Tree pæonies are perfectly hardy, but their flower buds are quickly developed in mild weather, and are apt to be nipped by late frosts; they should therefore be mulched and protected during the winter, and be planted in sheltered places. The plants obtain a height of about four feet, and begin to bloom about the latter part of May.



The plants we offer are all healthy, strong, well-budded stock, and will bloom the first season.

- No. 26. Glowing deep scarlet; one of the largest flowering varieties.
- No. 29. Pure deep rose, self color, large petals and large flower.
- No. 36. Snow white, flamed in center with bright rose.

- No. 1. Deep rose, very large flower, large petals.
- No. 2. White, tinted with yellow.
- No. 3. Soft pink, almost flesh color, shading to white.
- No. 16. Rich dark red and variegated foliage; very unique.
- No. 19. Pure white; very large flowers, and absolutely pure white in color.
- No. 23. Very large flowering white, tinted with very delicate pink.
- No. 40. Bright rose, very compact round flowers having small petals grown very closely, making an almost round flower; very handsome.
- No. 5. Very large white, flamed delicate rose.
- No. 6. Bright fiery scarlet, the most brilliant of all Pæonies.

Price of any of above named sorts, by express only, \$1.00 each or \$10.00 per doz.

DOUBLE CHINESE PAEONIES.

A well-known garden favorite of easy culture, bearing flowers of great size and in magnificent, rich colors, combined with handsome and massive foliage. If ordered by mail, add 10c. each for postage.

- Double White 25c. each; \$2.50 per doz.
- Double Rose 25c. each; \$2.50 per doz.
- Double Crimson 52c. each; \$2.50 per doz.

CHRYSANTHEMUMS. Collection of twelve following varieties, one plant each, for 75c., or sold separately, 10c. each:

- Major Bonaffon. Pure yellow, very large.
- Maud Dean. Pink, extra large flower.
- Mrs. H. Robinson. Very early, pure white.
- Wm. H. Chadwick. Waxy white, tinted pink.
- Glory of the Pacific. Grand early variety, pink.
- Mrs. Jerome Jones. Globular, white, early.
- Ivory. Pure white; a splendid free flowering variety.
- Pluto. A fine globular flower, clear, bright red; reverse bright golden.
- Vivian-Morel. Light rose, creamy white and pink.
- Philadelphia. An immense flower, yellow.
- Pink Ivory. Identical with Ivory in every respect except in color, which is a rich pink.
- Golden Wedding. The grandest golden yellow variety ever introduced.

HARDY PHLOXES, Fall Blooming—

- Cross of Honor. Lilac, margined white.
- Dominican. Dark purplish red.
- Durandal. Deep reddish purple.
- Eclairer. Reddish carmine, dark eye.
- Harry Menier. White, crimson eye.
- Hercules (Early). Rich heliotrope pink.
- Jeanne d'Arc. Dwarf, clear white.
- Le Soleil. Deep carmine.
- La Vogue. Beautiful, soft light pink.
- Time. C. Neillson. White, pink eye.
- Mrs. Laing. Light purple, carmine eye.
- Mrs. Miller (Early). Deep lavender pink.
- Placide. Soft carmine pink, dark eye.
- Richard Wallace. White, carmine eye.
- Sir Edwin Landseer. Brilliant carmine.
- WHITE LADY. Pure white.
- Wm. Robinson. Salmon pink, rosy eye.

Price for strong roots, 15c. each; \$1.50 per doz.

HOLLYHOCKS, Superb Double. Few hardy plants combine as many good qualities as the hollyhock. The hollyhocks require a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. We offer well-established, thrifty young plants which will flower this season in white, yellow, pink, bright red, maroon and sulphur, at 20c. each; per doz., \$2.00.



Hardy Hybrid Perpetual Roses.

These are specially grown for us by one of the leading rosarians of England, where roses develop firm wood and fibrous roots. They are much better adapted to our severe and changeable climate than the soft-wooded plants grown on the meadows of Holland, so generally sold here, and which so frequently cause disappointment.

Roses should be planted with the diverging roots at least nine inches below the surface of the ground, the soil made firm about them and liberally watered.

Our collection comprises the most select sorts of all colors and of the finest forms.

Strong Dormant Plants, each, 30c.; doz., \$3.00. **Extra Strong Plants**, each, 50c; doz., \$4.00; per 100, \$25.00.

Ball of Snow (Boule de Neige). Large, pure white, globular flowers, very fragrant, almost ever blooming, very long stems; one of the most useful of the class.

Baroness Rothschild. An exquisite shade of satiny pink.

Capt. Christy. Delicate flesh color, deepening in shade toward the center; one of the most beautiful of Roses. The foliage is quite distinct; very free in flowering.

Gen. Jacqueminot. Brilliant crimson. The most popular Rose.

Magna Charta. Dark pink; one of the easiest to grow.

Mme. Plantier. Pure white; *grand for cemeteries*.

Paul Neyron. Flowers 5 inches across; color, lovely dark pink.

Persian Yellow. Hardy yellow Rose; best of its color.

Prince Camille de Rohan. Dark crimson-maroon, almost black.

Ulrich Brunner. Cherry-red; a grand Rose; very free blooming.

HARDY MOSS ROSES.

For Spring Delivery. Each, 50 cents.

Baronne de Wassenair. Fine deep rose.

Blanche Moreau. Large white.

Crested. Deep rose pink.

AUSTRIAN ROSES.

For Spring Delivery. Each, 50 cents.

Harrisonii. Harrison's double yellow.

Persian Yellow. Very deep and full.

RUGOSA ROSES.

Each, 50 cents.

This is a very interesting and beautiful group of Japanese origin. The plant is highly ornamental on account of its fine habit and beautiful, glossy foliage; the flower buds, both of the single and double varieties, are long and charmingly beautiful. All the varieties are particularly desirable.

Rugosa Alba. Large, single, pure white flowers of five petals; highly scented. A splendid shrub.

Rugosa Rubra. Single, beautiful rosy-crimson; very free and highly ornamental.

Mrs. John Laing. Rich, satiny pink, delicious fragrance; blooms constantly.

Trailing Roses. **Wichuraiana**. Low trailing Japanese species, with stems creeping on the ground like Ivy. Very valuable as a covering for banks, etc. Leaves small and shining; flowers white; price, 20c. to 40c. each.

New Hybrid Wichuraiana Roses. The under noted are beautiful additions to this class of low trailing Roses for banks, rockeries, etc.

Manda's Triumph. Double pure white; free and constant bloomer. **Universal Favorite**. Double; beautiful pink.

South Orange Perfection. Double; a perfect gem; petals white, edged with rose.

Price, 25c. each; \$2.50 per doz.

HARDY CLIMBING ROSES.

Crimson Rambler. This is unquestionably the finest hardy climbing Rose in cultivation. It is a rampant grower, perfectly hardy, and in profusion and brilliancy of flower unapproached by any other climbing Rose. The blossoms are borne in immense clusters, often 150 in a cluster; they are of a brilliant crimson color and produce a most gorgeous display.

Yellow Rambler, Aglaia. A climbing Rose of the style of the Crimson Rambler, but with double flowers, which are yellow in the bud, but almost pure white when fully open.

Baltimore Belle. White; large; double.

Dawson. Flowers deep pink, in large clusters; fragrant.

Gem of the Prairies. Crimson; fragrant.

Multiflora, or Seven Sisters. White; free.

Queen of the Prairies. Bright red; globular.

White Rambler. **Pink Rambler**.

Flowering Plants, each, 25c; per doz., \$2.00.

First Size " " 50c; " 4.00.

Extra Large " " 75c; " 6.00.

**DECIDUOUS HARDY SHRUBS, ETC.**

- Amygdalus fl. pl. alba.** (Double White Flowering Almond.) A beautiful early-flowering shrub. 50c. each.
- Amygdalus fl. pl. rubra.** A variety of the preceding with rose-colored flowers. 50c. each.
- Berberis vulgaris.** (European Barberry.) A handsome shrub. Yellow flowers, followed in fall with scarlet fruit.
- Berberis atropurpurea.** A purple-leaved variety of the above. 50c. each.
- Clethra alnifolia.** Leaves light green, flowers white and very fragrant. 40c. each.
- Calycanthus Floridus.** (Sweet-scented shrub.) Flowers chocolate color; fragrant, like strawberries. 50c. each.
- Chionanthus Virginica.** (White Fringe.) Leaves large, pointed and shining. Flowers pure white, feathery or fringe-like. A useful lawn tree. 75c. each.
- Cornus alba sanguinea.** (White-fruited, red-stemmed Dogwood.) Remarkable in winter for the red color of its branches. 50c. each.
- Crataegus alba plena.** (White-flowered Hawthorn.) Foliage and flowers very ornamental. 75c. each.
- Crataegus coccinea, fl. pl.** Flowers double red; very large. 75c. each.
- Cydonia Japonica carnea fl. pl.** (Japan Quince.) Flesh-colored, double flowers, produced early in spring. 75c. each.
- Cydonia Japonica rubra grandiflora.** (Red Japan Quince.) Large red flowers, very showy. 50c. each.
- Cytisus laburnum.** (Golden Chain.) Ornamental leaves, drooping showy flowers; a small tree. \$1.00 each.
- Deutzia crenata fl. pl. alba.** Flowers double white, tinged with pink. One of the best shrubs in cultivation. 50c. each.
- Deutzia gracilis.** Dwarf, compact, pure white. 35c. each.
- Deutzia scabra.** (Rough-leaved Deutzia.) Bearing beautiful white spiral flowers. 50c. each.
- Euonymus Americanus.** Shining green foliage, scarlet berries; very ornamental in fall. 50c. each.
- Euonymus latifolius.** (Burning bush.) Vigorous growing, scarlet berries, larger than the preceding. 50c. each.
- Fagus cuprea.** (Copper Beech.) Leaves purple early in the season. A very ornamental tree. \$1.50 to \$5.00 each.
- Fagus laciniata** (Cut-leaved Beech.) Medium growth cone-shaped and compact; leaves very showy. \$1.50 to \$3.00 each.
- Forsythia viridissima.** (Golden Bell.) The best early flowering shrub. 50c. each.
- Genista scoparius.** (Scotch Broom.) Yellow; flowers in May. 40c. each.
- Hibiscus Syriacus atropurpureus.** (Althæa, or Rose of Sharon.) Very showy purple flowers. 35c. each.
- Hibiscus foliis variegatus.** Variegated foliage, highly ornamental. 60c. each.
- Hydrangea paniculata grandiflora.** Immense white flowers. One of the finest shrubs in cultivation. 50c. to \$2.00 each.
- Hydrangea hortensis.** Changeable rose-colored flowers; very popular. 50c. each.

Magnolia conspicua. A Chinese tree, producing large white flowers early in spring. \$2.00 to \$5.00 each.

Magnolia Soulangeana. Resembling the above, except that the flowers are purple and white. \$1.50 to \$5.00 each.

Pæonia Moutan. (Tree Peony.) Very large flowers, of gorgeous colors. \$2.00 to \$3.00 each.

Philadelphus coronarius. (Mock Orange or Syringa.) Strong-growing, pure white, fragrant; flowers in June. 50c. each.

Prunus sinensis. (Double White-flowering Plum.) Very pretty. 75c. each.

Rhus cotinus. (Purple-Fringe, or Smoke Tree.) A beautiful low-growing tree, covered with dark seed-vessels, like a purple mist; very showy. 75c. each.

Rhus glabra laciniata. (Cut-leaved Sumach.) Leaves of large size, deeply cut and drooping gracefully. Foliage scarlet in autumn. 50c. each.

Spiræa Billardii. Pink-flowered; a late blooming species. 50c. each.

Spiræa prunifolia fl. pl. (Plum-leaved Spiræa.) Double white flowers in spiral form. 40c. each.

Spiræa Reevesiana fl. pl. Clusters of double white; flowers early in spring. 50c. each.

Syringa vulgaris. (Common Lilac.) Purple, sweet-scented flowers. 50c. each.

Syringa vulgaris alba. White, sweet-scented; very delicate. 40c. each.

Syringa vulgaris persica. (Persian Lilac.) Small-leaved, purple flowers of a different shade. 40c. each.

Viburnum opulus. (Snowball.) Flowers white; a well-known shrub. 50c. each.

Viburnum plicatum. (White Japan Snowball) A valuable new shrub. \$1.00 each.

Weigelia amabilis. Pink flowers; free bloomer. 50c. each.

Weigelia amabilis alba. White, very showy. 50c. each.

Weigelia variegata. Beautiful variegated foliage. 50c. each.

ORNAMENTAL TREES.

Ash (European). A lofty tree of rapid growth. Price, 10 ft. high, 50c. each.

Beech (Fagus). Purple-leaved. Price for 4-foot trees (the best size for transplanting), \$1.50 each.

Butternut. Six-ft. tree, 75c. each.

Chestnut (American Sweet). Six-ft. trees, 75c. each.

Elm. The noble, spreading, drooping tree of our own woods. 75c. each.

Horse Chestnut. White flowering. 75c. each.

Linden (American). Price, 10 to 12 ft., 75c. each.

Magnolia. Price for trees 4 to 6 ft., \$1.00 and \$2.00 each.

Maple (Norway). Its vigorous growth renders it the most desirable species for streets, parks and lawns. Price \$1.00 each.

Sugar Maples. Eight-ft. trees, price \$1.00 each.

Oak (English). Four-ft. trees, 60c. each.

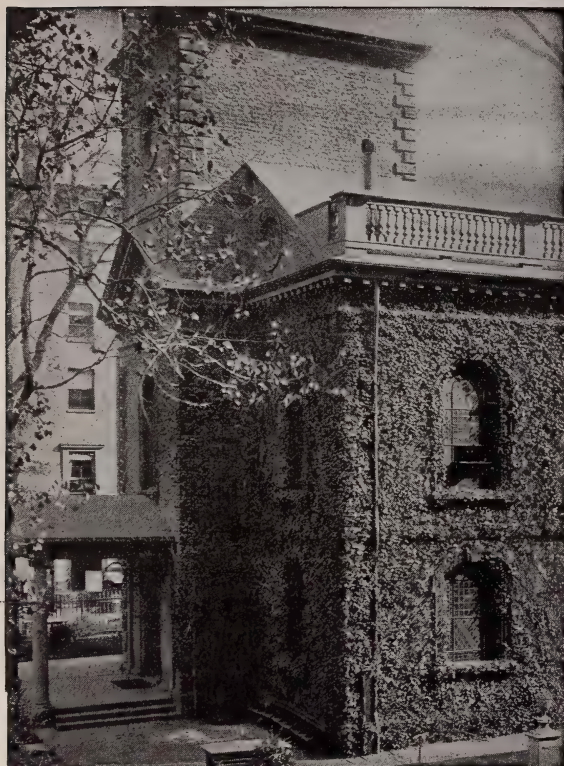
Poplar. Well known for its erect, rapid growth and commanding form. 75c. each.

Tulip Tree. A magnificent tree with broad, glossy leaves and tulip-like flowers, similar to Magnolias. \$1.00 each.

Weeping Willow. Trees 10 ft. high, \$1.00 each.

Prices given on any variety of Forest or Ornamental Tree not mentioned here.

HARDY VINES AND CREEPERS.



AMPELOPSIS VEITCHII.

Sometimes called Boston Ivy and Japan Ivy.

This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places, attaining a height of 30 feet in two or three years, clinging to stones, brick or woodwork with the greatest tenacity. During the summer the leaves are a rich shade of green, and lap over each other with great regularity, like a coat of mail or like slates on a roof. But it is in the fall that it shows its exquisite beauty. The leaves then change to the brightest tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance.

Prices: First size, pot grown, 2 to 3 feet, 50c. each, \$4.50 per dozen. Second size, pot grown, 1 to 2 feet, 30c. each, \$3.00 per dozen. Third size, pot grown, 6 to 9 inches, 15c. each, \$1.50 per dozen.

A. Quinquifolia. The Old Virginia Creeper. Invaluable where a coarse, rapid climber is desired. Large plants, 50c. each.

Akebia Quinata. Small sub-evergreen leaves, brownish flowers. 50c. each.

All of the above Hardy Climbing Plants at 25c. each, \$2.50 per dozen, except where noted.

HEDGE PLANTS.

California Privet. One of the most satisfactory plants for hedges known at the present time. Glossy green foliage, with white flowers. Easily kept in shape, and of fine symmetrical habit naturally. Price, \$5.00 to \$15.00 per 100, according to size.

Aplios 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. Plant the bulbs near the trellis, fence, tree, or any place where you may wish a climber. They grow to a great height and bloom profusely. The bulbs are perfectly hardy and should not be taken up over winter. 15c. each, \$1.50 per dozen.

Aristolochia Sipho (Dutchman's Pipe Vine). A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its fine light green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, 30c. each, \$3.00 per dozen. Extra strong plants, 50c. each, \$5.00 per dozen.

BIGNONIA (Trumpet Creeper).

For covering unsightly places, stumps, rockwork, 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, bearing blooms of an orange-red color. 50c. each, \$5.00 per dozen.

Radicans. Dark red, orange throat; free blooming and very hardy. 25c. each, \$2.50 per dozen.

Clematis.— See page 66.

Hedera Helix (Evergreen Ivy). Leaves large and luxuriant. A standard vine. 25c. to 75c. each.

Hedera Helix Tricolor (Tricolor-leaved Ivy). Leaves green, white and rose; very pretty. 50c. each.

Honeysuckles. Yellow, coral or scarlet, white, pink, evergreen and golden-leaved. Fine plants.

Humulus Lupulus (Hop Vine). A rapid grower; very ornamental. 30c. each.

Hydrangea Scandens (Japan Climbing Hydrangea). Leaves dark green; ornamental white flowers. A little tender while young. \$1.00 each.

Ipomoea Pandurata (Hardy Moonflower). Foliage large with white flowers shading to pink. From 3 to 4 inches across. Open during the day. 25c. each, \$2.50 per dozen.

Lonicera Belgica. The grandest of all Honeysuckles, and always scarce. Everblooming and very fragrant. Flowers bright red, with yellow and buff markings at the end of the tubes. 50c. each.

Lonicera Reticulata Aurea (Golden-leaved Japan Honeysuckle). Remarkably ornamental, with leaves of a distinct yellow effect. 50c. each.

Lonicera Sinensis (Chinese Honeysuckle). Dark green foliage. One of the best. 50c. each.

Menispermum Canadense (Moonseed). A slender growing vine, producing berries. Ornamental in fall. 50c. each.

Periploca Græca (Virginia Silk Vine). Foliage long narrow and shining. 50c. each.

Wistaria Sinensis (White). Flowers borne in long, drooping clusters, as in the blue variety; pure white in color, making a most striking and elegant contrast. Plants average from 3 to 5 feet in length. 75c. and \$1.00 each, according to size. Smaller plants, 30c. each.

Wistaria Sinensis (Blue). Flowers in drooping clusters like a bunch of grapes; color soft lavender blue; fragrant.

Arbor Vitæ (American). For hedging. The best evergreen for making a close symmetrical hedge. Strong plants, \$5.00 to \$20.00 per 100.

Box for Edging. \$5.00 to \$8.00 per 100.

Spruce, Hemlock. \$10.00 to \$50.00 per 100.

Spruce, Norway. \$10.00 to \$25.00 per 100.

FRUIT TREES AND SMALL FRUITS.

We recommend Northern grown fruit trees to our customers, as they will be found to give better satisfaction than Southern or Western grown trees. We furnish excellent clean trees, which if planted carefully are almost sure to succeed. Trees, when received, should be planted at once in rich, prepared soil, the roots being carefully separated and spread. If dry weather follows planting, the trees must be watered and mulched. Branches of last season's growth should be well cut back, thus encouraging the vigorous growth of new healthy shoots.

APPLES.

First-class trees, five to seven feet, each, 50 cents. Larger size, each, 75 cents to \$1.00.

SUMMER VARIETIES.

- Early Harvest.** Pale yellow, medium size. August.
- Red Astrachan.** Crimson; large; fine. August.
- Sweet Bough.** Pale yellow; very rich. August.

AUTUMN VARIETIES.

- Fall Pippin.** Yellow; delicious. October.
- Gravenstein.** Striped. September to November.
- Maiden's Blush.** Yellow, with red cheek. October.

WINTER VARIETIES.

- Baldwin.** Red; large; excellent.
- Ben Davis.** Yellow and red; large and luscious.
- Fameuse, or Snow Apple.** Very fine.
- King.** Crimson; extra; large and fine.
- Northern Spy.** One of the best; large.
- Rhode Island Greening.** Excellent.
- Roxbury Russet.** Medium size; splendid. October.

CRAB APPLES.

Each, 75 cents.

- Red Siberian.** Yellow and scarlet; medium.
- Yellow Siberian.** Deep yellow; medium; fine.

CHERRIES.

First-class trees, three years old, each, \$1.00.

- Black Tartarian.** Purplish black; very rich. June.
- Governor Wood.** Yellow, with red cheek. June.
- Yellow Spanish.** Pale yellow, with bright red cheek; large and juicy.

PEACHES.

Each, 25 and 50 cents, according to size.

- Champion.** Freestone; white and red; large and juicy. Excellent new sort. August.
- Crawford's Early.** Freestone; yellow and red. Sept.
- Crawford's Late.** Freestone; very large. October.
- Elberta.** (New.) Freestone; large, handsome, golden yellow and crimson; very productive. The best early sort for market.
- Hale's Early.** Freestone; rich and juicy. August.

PEARS.

First-class trees, five to six feet, each, 75 cents. Larger trees, each, \$1.00 to \$1.50.

SUMMER VARIETIES.

- Bartlett.** A splendid summer variety. September.
- Clapp's Favorite.** Yellow and red; large. August.

AUTUMN VARIETIES.

- Belle Lucrative.** Green; sweet; large. September.
- Louis Bonne.** Large, long, melting. October.
- Seckel.** Small; one of the sweetest. September.

WINTER VARIETIES.

- Beurre d'Anjou.** Large; unsurpassed flavor. November.
- Duchesse d'Angouleme.** Very large; rich.
- Lawrence.** Medium; delicious quality.

PLUMS.

Five to six feet, each, 75 cents.

- Bradshaw.** Large; purple; sweet. August.
- Coe's Golden Drop.** Large; oval; yellow. September.
- Damson.** Small; for preserving. October.
- Imperial Gage.** Large; oval; green; very sweet. September.
- Jefferson.** Yellow and red; fine. August.
- Lombard.** Violet-red; medium. September.
- Pond's Seedling.** Violet; large and juicy. Sept.
- Smith's Orleans.** Purple; very rich. Sept.

QUINCES.

Each, 50 cents to \$1.00.

- Apple or Orange.** Large; round; yellow.
- Champion.** Extra large; pyriform.

RASPBERRIES.

- | | | |
|--|--------|--------|
| Brinckle's Orange. Large fruit of a beautiful buff or amber color. One of the richest flavored berries. | \$0 50 | \$3 00 |
| Cuthbert. Fruit red, large and sweet. Very hardy. | 50 | 3 00 |
| Gregg. A new blackcap of the largest size; very productive and of excellent quality. | 50 | 3 00 |

HARDY GRAPE VINES.

- Campbell's Early.** (New.) Large black berries with light purple bloom; rich flavor; very sweet. 30c. each.
- Agawam.** Red; large, juicy and aromatic. 30c. each; very strong plants, 50c.
- Wilder.** A fine black variety; large bunches; sweet. 30c. each; very strong plants, 50c.
- Brighton.** Very early; large red. Equal to Delaware in flavor and richness. 75c. each.
- Catawba.** Late red; somewhat pulpy; very sweet and rich, of an aromatic musky flavor. Best in sandy soils. 30c. each.
- Concord.** Early, large black; tender, pulpy, with a sweet, foxy flavor. Does well everywhere and is always reliable. 50c. each.
- Concord Chasselas.** Early, very large, rich amber. Free from foxiness. 75c. each.
- Delaware.** Early, small, light red; juicy, with very soft pulp. Very productive and requires a rich soil. 50c. each.
- Hartford Prolific.** Extra early, large and very productive. Desirable for home use. 50c. each.
- Moore's Diamond.** Quality of fruit equals many of the hothouse grapes. It is one of the earliest and ripens 2 to 4 weeks ahead of Concord. Price 30c. each; \$5.00 per dozen.
- Green Mountain.** Color, greenish white. This extra early delicious grape originated in the mountains of Vermont, has been tested for several seasons and is proving the earliest white grape known. Price 30c. each; \$3.00 per dozen.
- Niagara, Early.** Large, white, tender and sweet; bunches very compact. A popular white sort. 50c. each.
- Moore's Early.** Berries large black. Bunches large and very compact. 50c. each.

BLACKBERRIES.

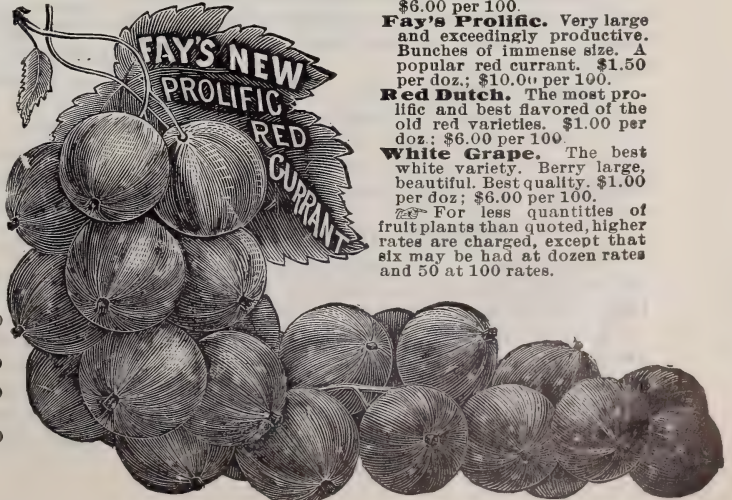
	Per doz.	Per 100
Dorchester. Medium; fruit firm, sweet and high-flavored. A vigorous grower, producing large crops.	\$0 60	\$4 00
Kitatinny. A stout, erect and vigorous growing kind. Fruit large and delicious.	60	4 00
New Rochelle or Lawton. Fruit very sweet and delicious when well ripened.	60	4 00
Wilson's Early. Very good, large, firm and sweet; hardy and productive, and one of the earliest in fruit.	60	4 00

GOOSEBERRIES.

Downing. Pale green, large, prolific and good. Best for home and market use.	1 00	7 50
Houghton's Seedling. Small to medium; fruit oval, pale red. Very productive and free from rust.	75	5 00
Smith's Improved. Large, pale greenish yellow; skin thin. Excellent quality.	1 00	10 50

CURRANTS.

- Cherry.** A strong-growing variety. Fruit of the largest size, deep red. \$1.50 per doz.; \$6.00 per 100.
 - Fay's Prolific.** Very large and exceedingly productive. Bunches of immense size. A popular red currant. \$1.50 per doz.; \$10.00 per 100.
 - Red Dutch.** The most prolific and best flavored of the old red varieties. \$1.00 per doz.; \$6.00 per 100.
 - White Grape.** The best white variety. Berry large, beautiful. Best quality. \$1.00 per doz.; \$6.00 per 100.
- For less quantities of fruit plants than quoted, higher rates are charged, except that six may be had at dozen rates and 50 at 100 rates.



FERTILIZERS.

S. & W. Co.'s Garden Fertilizer.

For Vegetables and Flowers.

Strictly high grade, containing all the elements needed by vegetables and flowers for their quick growth, early maturing and perfect development. The ingredients are quickly soluble, and immediately commence to feed the plants, stimulating them into healthy, luxuriant growth, and it continues to feed them until the end of the season.

Highly concentrated, fine, dry and free from objectionable odor, easily applied, either before or after planting, by sprinkling over the surface of the soil and raking in; or it can be mixed with water (*stirring well*) and applied as a liquid manure. If something especially fine in vegetables or flowers is desired, two or three additional applications, made at intervals, will produce magnificent results. A 10-lb. package is sufficient for a space 15 x 20 ft. for one application, or 500 to 600 lbs. per acre. Instructions on each package. Price, 5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00; 200 lbs., \$5.00; per ton, \$45.00.

Walker's Excelsior Brand

For House Plants.

Price per small packet, 15c. Large size, 25c.

Raw Bone Meal—Best Grade.

The best all-around Fertilizer for garden, lawn and farm. Our Raw Bone Meal is made from Hard Bones, is evenly ground, and very white and pretty in appearance. For such as prefer a raw to a steamed Bone we recommend our Raw Bone Meal—nothing finer can be made. 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.40; 100 lbs., \$2.25; per ton (2,000 lbs.), \$34.00.

ASHES.

Canada Hard Wood.

Drive away insects and improve the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops; of high value for grass lands and lawns.

Quantity required. Apply 1 to 2 tons per acre, as one heavy application will help much more than the same quantity would applied in fractions.

Price, per bbl. of about 200 lbs., \$2.00; per ton of 2,000 lbs., in bbls., \$18.00. Special prices in bulk.

Nitrate of Soda.

Valuable solely for the nitrogen it contains. It is chiefly a stimulant, used in addition to other fertilizers. It is quick in action and hastens crop maturity.

Quantity required. Being extremely soluble, it is usually applied after the plants are above ground, 100 to 500 lbs. per acre.

Price, per 5-lb. package, 30c.; 10-lb. package, 50c.; 25-lb. bag, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.50.

Pure Pulverized Sheep Manure.

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

Quantity required. For garden and field crops, 1 to 2 tons per acre; one-half before plowing, the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring.

Price, 100-lb. bag, \$2.00; per ton of 2,000 lbs., \$30.00. In packages of 2 lbs., 15c.; 10 lbs., 40c.

Mapes' Celebrated Fertilizers.

The highest grade commercial fertilizers, their basis being bone, no rock being used in their composition. All fertilizing constituents, nitrogen, potash and phosphoric acid, are strictly high grade and soluble. *Mapes' Catalogue*, giving analysis and telling how to use these fertilizers, we mail free on application.

	Per 100 lbs.	Per bag 200 lbs.	Per 2,000 lbs.
Potato manure.....	\$2 25	\$4 00	\$39 00
Corn "	2 25	3 75	35 00
Cabbage and cauliflower manure...	2 25	4 00	38 00
Vegetable manure for all soils.....	2 50	4 50	42 00
Fruit and vine manure.....	2 50	4 25	40 00
Orange and fruit tree manure.....	2 25	4 00	38 00
Grass and grain spring top-dressing	2 50	4 25	41 00
Complete manure, "A" brand.....	2 00	3 75	35 00
Complete manure, for general use..	2 25	3 85	37 00
Complete manure, for heavy soils..	2 50	4 25	40 00
Complete manure, for average soils	2 00	3 75	36 00
Complete manure, for light soils....	2 50	4 25	42 00
"Cereal" brand, for farm crops.....	1 75	3 00	29 00

Emerald Lawn Dressing.

A clean, portable and convenient lawn dressing, which we have found to be never failing in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, though it can be put on during the summer without injury or danger of burning the grass, and a remarkable improvement will soon be observed. It is in every way more desirable than manure, which is so often full of weed seeds. The use of "Emerald Lawn Dressing" entirely does away with the old practice of top-dressing lawns with stable manure, which was so objectionable on account of unsightliness and disagreeable odors.

Quantity required. A 10-lb. package is sufficient to go over an area of 300 square feet, or for forming a new lawn, from 1,000 to 1,500 lbs. per acre, or a smaller quantity for renovating an old one. Price, 4-lb. package, 15c.; 50-lb. bag, \$1.50; 100-lb. bag, \$2.50; per ton of 2,000 lbs., \$40.00.

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. Small size, 15c.; large size, 25c.; by mail, 20c. and 30c.

REMEDIES FOR INSECTS AND FUNGUS.

Fir Tree Oil.

The best insecticide in the market for greenhouse and house plants; it frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphid (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. Price, $\frac{1}{4}$ -pint tin, 40c.; pint, 75c.; quart, \$1.25; $\frac{1}{2}$ gallon, \$2.25; gallon, \$4.00. Directions for use on each can.

Fir Tree Oil Soap.

A formula of the above Fir Tree Oil, prepared in soap form and preferred by some. It will do all claimed for the fluid preparation. Price, $\frac{1}{4}$ -lb. tins, 25c.; 2 lbs., 75c.; 5 lbs., \$1.70; 10 lbs., \$3.25.

Dry Bordeaux Mixture. Ready for use by simply adding water. 1-lb. box, 15c., makes 5 gallons spray; 5-lb. box, 60c.; 50-lb. keg, \$5.00; 100-lb. keg, \$9.00.

Pinner's Tobacco Soap. For insects, parasites and their eggs infesting plants and animals. 1 lb., 40c.

Rose Sulpho-Tobacco Soap. For plants, trees, cattle, poultry, etc. Packages, 10c.; $\frac{1}{4}$ -lb. packages, 25c.

Tobacco Dust. 1 lb., 10c.; 5 lbs., 25c.; 100 lbs., \$3.50.

Whale Oil Soap. 1 lb., 15c.; 2 lbs., 25c.; 5 lbs., 50c.

Persian Insect Powder. For roaches, ants, fleas, etc. $\frac{1}{4}$ lb., 10c.; 1 lb., 35c.; 5 lbs., \$1.60.

Flowers of Sulphur. For mildew. 1 lb., 10c.; 5 lbs., 40c.; 10 lbs., 60c.; 100 lbs., \$5.00.

Paris Green. 1 lb., 25c.; 5 lbs., \$1.00; 100 lbs., \$10.00.

London Purple. 1 lb., 20c.; 5 lbs., 90c.

Slug Shot. 5 lbs., 30c.; 10 lbs., 50c.; 100 lbs., \$4.00.

Grape Dust. For mold, mildew or rust mites, either in greenhouse or open air. 5 lbs., 30c.

Rose Leaf Extract of Tobacco. 1 pt., 30c.; 1 qt., 50c.; 1 gal., \$1.50; 5 gals., \$5.00.

"Cattle Comfort." Protects horses, cattle, dogs, etc., from flies, gnats, mosquitoes, horse-flies and other insects; is healing to sores, destroys head-lice on fowls, etc. Price, 1 quart, 45c.

Caterpillar Lime. A German tar paste for smearing on trees to prevent insects, caterpillars, etc., from crawling up trees. Price, 5-lb. can, \$1.00; 25 lbs., \$4.50.

Aphia Brand (Tobacco and Whale Oil Soap mixed.) For insects on plants, poultry and cattle. Cake, 25c.; box, 6 cakes, \$1.25.

Tobacco Stems.

Indispensable for fumigating greenhouses and conservatories, for the destruction of green and black aphid, and other insects. Price, per bale, 100 lbs., \$1.50.

Tree Protecting Bands ("Pillar Catter"). Is very effectual for preventing insects, caterpillars, etc., from crawling up the trunks of trees. It consists of a strip of waterproof paper 4 inches wide, with a row of cotton batting on the under side stitched to each edge. The center of the paper is coated with a sticky substance, which will not melt, yet remains sticky for months. When tacked around the tree no crawling insect can pass this protector. Price, 16c. per yard; 10 yards and over, 15c. per yard.

Nicotide. For killing all kinds of insects on plants in greenhouses and frames. The most easy, safe and effective method of fumigating greenhouses and frames ever introduced. Price, 4-oz. can, 70c.; $\frac{1}{2}$ -pt. can, \$1.25; 1-pt. can, \$2.50. Fumigators for using above, complete, 50c. each.

Nikoteen. An economical and powerful nicotine extract. Per pint, \$1.50.

Gishurst's Compound. For green fly, mildew, thrip, mealy bug and scale. Per lb., 50c.

Hellebore. For currant worms. 1 lb., 20c.; 5 lbs., 90c.

Lemon Oil. Destroys mealy bug, scale, thrip, red spider, black and green fly, caterpillar, etc. $\frac{1}{2}$ pt., 25c.; 1 pt., 40c.; qt., 75c.; $\frac{1}{2}$ gal., \$1.25; gal., \$2.00.

Permol Kerosene Soap. One of the best remedies against all kinds of insects, especially scale, a superior winter wash against San José scale. Per can, 25c.

Weed Destroyer. Quart can, sufficient to make 6 gallons of liquid, 50c.; gallon can, sufficient to make 25 gallons of liquid, \$1.50; 5-gallon keg, sufficient to make 125 gallons of liquid, \$5.00.

Worm Eradicator. The worms will immediately rise to the surface of the ground or flower bed, or will fall off the trees, fruits or flowers, and in a few minutes will die. It will be found exceedingly effective and quite harmless to fruit, flowers, grass, etc. Full directions for use with each package. 25c. bottle, makes 5 gallons liquid; 50c. bottle, makes 10 gallons liquid; \$1.00 bottle, makes 25 gallons liquid.

Nikoteen Aphis Punk. It burns, kills aphid and thrip cheaply. Does not injure the most delicate blooms. By mail, 75c. per box of 12 rolls, postpaid.

Bug Death.

This is a fungicide, insecticide and plant food combined, which has been used for three years with first-class results. It is claimed that the increase in the crops resulting from its use will pay the trouble and expense several times over. 1-lb. package, 15c.; 3 lbs., 35c.; 5 lbs., 50c., 12 $\frac{1}{2}$ lbs., \$1.00.



Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897

Perfection Shaker, for applying above, 65c. each.

MISCELLANEOUS.

ASPARAGUS BUNCHER, WATTS'.

The Best Buncher Made.

May be adjusted to any size bunch by simply loosening the bolts at either end and pulling out the arms to fit; thus both ends of grass can be bunched properly. When the grass grows larger at one end than the other this will be found a great advantage, as either end can be regulated. Price, \$3.25. **Asparagus Knives.** English, saw-tooth edge.....\$1 50 American, V-shaped knife..... 30

BASKETS.

Rustic Hanging.

Made from Laurel Roots, Elegantly Finished and Rattan Handle.

Price, 8 in.....	Each.	Per doz.
" 9 "	\$0 70	\$7 00
" 10 "	85	9 00
" 11 "	1 00	11 00
" 12 "	1 10	12 00
" 13 "	1 25	14 00
" 14 "	1 40	16 00
" 15 "	1 75	19 00

These baskets cannot be equaled in style, finish or make. They are ahead of any basket on the market. They will stand severe weather, and with a little care are good for ten or twelve years' wear.

Baskets, Wire. 8 in., 25c. each; 10 in., 30c. each.

BELLOWS.

Woodason's.



Powder, small size.....\$1 00
" large " 1 75
Liquid, small " 1 25
" large " 2 00

Double Cone Powder Bellows. For dusting plants with dry powders for insects and fungus. Price, \$2.75 each.

Coconut Fiber. Per peck, 35c.; per bush., \$1.00.

Dibbles, Wood Handle. 3/4 in.....\$0 35

FLOWER POTS, Standard.

	Doz.	100		Doz.	100
2 in.....	\$0 10	\$0 60	7 in.....	\$1 25	\$7 50
2 1/2 "	12	80	8 "	1 50	10 00
3 "	15	1 10	9 "	2 00	15 00
4 "	35	2 00	10 "	2 75	20 00
5 "	45	2 75	12 "	6 00	40 00
6 "	75	4 25			

FLOWER POT SAUCERS (Waterproof). E

If you have ever been annoyed with ordinary flower pot saucers absorbing moisture and dispensing it imperceptibly until the article it sat on was ruined, you will then fully appreciate the value of these new indurated fiber ware saucers. They do not absorb moisture and are not easily broken. Color, terra-



cotta brown.

	Each	Doz.		Each	Doz.
4 in.....	\$0 06	\$0 70	10 in.....	\$0 34	\$1 10
5 "	07	80	11 "	12	1 15
6 "	08	90	12 "	13	1 25
7 "	09	95	13 "	14	1 50
8 "	10	1 05	14 "	16	2 00
9 "	11	1 10			

FLOWER VASES.

(Fiber Ware.)

No.	Diam.	Deep.	Each.	Doz.
0	8 in.	13 in.	\$0 50	\$4 80
1	5 1/2 "	10 "	40	4 50
2	4 1/2 "	9 "	35	3 60
3	4 "	6 "	35	3 00
4	3 "	4 1/2 "	25	2 40

FORKS.

Spading or Digging.

Extra quality, 4-tine.....each, \$1 10
Hay, 3-tine..... " 60
Manure, 4-tine, D handle " 1 00

FRUIT PICKERS.

Perfection.....each, \$0 40

FUMIGATORS, EUREKA.

For Fumigating with Tobacco Stems.

No. 1. Holds 1/2 peck stems.....	\$1 50
" 2. " 1 ".....	2 00
" 3. " 1 1/2 bushel stems.....	2 50

Gardeners' Gloves, for protecting the hands, handling thorny plants, etc., heavy goat. Per pair, 1 00

Garden Line. Braided linen, 100 feet, 50
" " Reels, malleable 75

Glass Cutters, ebony handle, genuine diamond..... 3 00

Glass, for Hotbeds, etc. Prices,
6x8 in., single thick.....Per box, 2 50
8x10, 10x12, 10x14 in., single thick, " 3 25
8x10, 10x12, 10x14 in., double " 4 35



Glazing Points. (Van Riper's). Per 1000, 65c.

Grafting Wax. (Trowbridge's), 1/4 lb., 10c.; per 1/2 lb., 15c.; 1 lb., 25c.

The Little Giant Grass Hook is a miniature scythe; looks right, hangs right and cuts right; the tang long sought for. Can mow a small lawn with it; can cut closer to trees, fences etc. Can be used for cutting corn or clipping hedges. Forged steel shank, tanged handle.

Price, 50 cents each.

Grass Hooks. Best English.....\$0 50

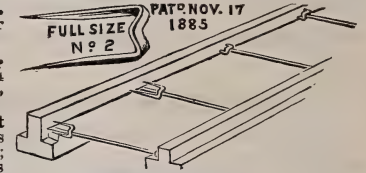
" " Combination and border trimmer. 50

" " German..... 30

Grub Hoe. Strong, for grubbing out roots, clay, ditches, etc., 85c., \$1.00, \$1.25 each.

Hanging Baskets. (See Baskets.)

Hammers. Claw hammer, standard quality, 40c.; extra quality, 60c.



Also Patented in U. S.

Feb. 13, 1900.

June 26, 1900.

Jan. 1, 1901.

In Canada,

May 22, 1900.

ROUND SEED OR LILY PANS.

H't.	Width.	Doz.
5x8 in.	\$1 00
5x10 "	1 50
6x12 "	2 00
7x14 "	4 00
8x16 "	8 00
9x18 "	12 00

SQUARE SEED PANS.

H't.	Width.	Doz.
5x6 in.	\$3 00
6x8 "	4 00
8x12 "	5 00
12x12 "	6 00

HOES.

Draw Hoes, 5-in. blade, 40c.; 6 and 7-in. blades..... 50

Acme, single-prong, 6-in. blade, 50c.; double-prong, 4 1/2-in. blade..... 55

Hoe and Rake, combined, 4-tooth, 4 1/2-in. blade..... 50

English Push Hoe, 5-in., 50c.; 6-in., 55c.; 7-in., 60c.; 8-in..... 65

THE "LINK LAWN" HORSE BOOT.



These boots are made from our own special design, and after two years practical test by an expert greenkeeper have been pronounced by him to be the best patterned boot made. The bottoms are made thoroughly waterproof and hardened by a special process. The toe is rounded and curved

which prevents cutting the finest lawn. In its construction steel rivets are used throughout, making it the strongest and most durable boot on the market. The simplicity of construction enables them to be quickly adjusted while the method of fastening to the hoof is positive and secure.

Price, per set of 4 Boots, \$9.00.



LITTLE WONDER HOSE MENDER.

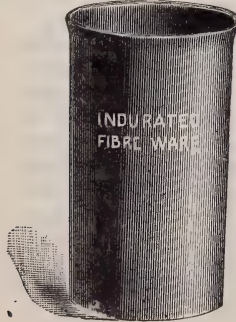
Each, 3c.; per doz., 30c.

Hose Nozzles. The Gem.....each, \$0 50

Boston..... " " 50

Boss..... " " 50

Hedge Shears. (See Shears.)



PENCILS, Indelible. Price 5c. each; 50c. per doz.

Plant Sprinklers. Scollay, 8 oz., \$1.50.

Plant Sprinklers. Davol, 6 oz., 60c.

Rubber Putty Bulb, for applying soft putty and white lead in glazing. \$1.00 each.



Potting Soil. Per peck, 25c.; per bush., 75c; per bbl., \$2 00

PLANT STAKES, Green Tapering.

	Doz.	100		Doz.	100
1 1/4 ft.	\$0 15	\$0 90	3 1/2 ft	\$0 60	\$3 70
2 "	25	1 55	4 "	65	4 30
2 1/2 "	40	2 35	5 "	75	5 00
3 "	45	2 95			

DAHLIA POLES.

		Doz.	100
3 ft.	.....	\$0 70	\$4 30
4 "	.....	90	5 70
5 "	.....	1 10	7 10
6 "	.....	1 30	8 50

PRUNERS WATERS' TREE.

4 ft.	.....	each	\$0 75
6 "	.....	"	85
8 "	.....	"	1 00
10 "	.....	"	1 15
12 "	.....	"	1 25

RAKES, Steel garden:

10 teeth, 55c.; 12 teeth, 60c; 14 teeth, 65c.
 Fine tooth steel gravel rake, 16 teeth, 80c.;
 18 teeth, 90c.
 Wood hay, 12 teeth, 30c. each.
 Wood lawn, 24 teeth, 35c. each.
 Steel lawn, 24 teeth, 60c. each.

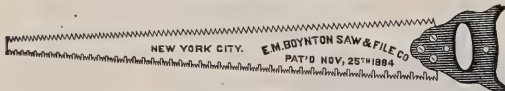
RAFFIA. The best tying material for plants. Price, per lb., 18c.; per 10 lbs., 17c. per lb.

ROLLERS—Iron Garden and Lawn.

Our rollers have weights attached to the central shaft and are not unhooked and removed when lighter weight is desirable. These weights keep the handle up from the ground.

No.	Sizes.	Width of section.	Height.	Weight.	
1.	2 section.	7 1/2 inch.	15 inch.	125 lbs.	\$5 00
2.	1 "	20 "	20 "	220 "	9 00
3.	2 "	12 "	20 "	300 "	12 00
4.	3 "	12 "	20 "	450 "	17 00
5.	2 "	12 "	24 "	400 "	15 00
6.	2 "	12 "	28 "	500 "	17 00

SPRING STEEL DOUBLE EDGE PRUNING SAW.



The above cut represents the Double-edged Universal Sheathed Saw, made of finest spring steel, beech handled, polished edges, three brass screws, warranted extra temper.

Length.....	16 in.	18 in.	20 in.	22 in.
Price.....	70c.	80c.	90c.	\$1 00

SCISSORS, Vinc. Saynor make..... 1 00
Flower Gatherers, "..... 1 60

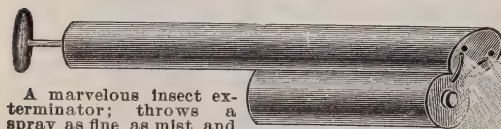
SHEARS.

English Border. For edg'ng up the overhanging grass around walks, flower beds, etc., 9 in. blades.....\$2 50

SHEARS, Pruning. Solid steel, 8 in..... 1 25
 " " Malleable, a good cheap shears, 8 in. 50

" **Ladies' Pruning.** Nickel, 5 1/2 in. 1 00
 " " " 6 in..... 1 25

S. & W. CO.'S CYCLONE SPRAY PUMP.



A marvelous insect exterminator; throws a spray as fine as mist and is therefore more efficient than any other spray pump, and only uses about one-tenth the liquid.

No. 1.	All tin.....	Each,	\$0 50
" 4.	" copper.....	"	1 00

HEDGE SHEARS.

Used for both trimming hedges and cutting grass.



8 inch blade.....	each	\$1 00
9 " " ".....	"	1 25
9 " " notched.....	"	1 50
10 " " ".....	"	1 75

SHEARS, Grass or Sheep. Curved handles, extra long, 7 in. blades. The handles are curved to prevent rubbing the knuckles on the ground. Price each 1 00
 6 in. blade..... " 75

Sheep Shears. Solid steel..... " 50

SPADES.

Square Point. Ames' extra quality, D handle, each \$1 25

Tree Digging. A strong and powerful spade, strapped the entire length of handle. Ames' extra quality.....each 2 75

Post Hole "concave"..... " 1 50

Maynard's Patent Forged, with solid cast steel socket. Each is forged from a single piece of cast steel, forming a solid mass 7/8 inch thick, where others have an open pocket to admit the bend of the handle, thus giving a strength unattainable by any other means. The blades have no weld, no straps and no rivets. Price, polished, either D or long handle, \$1.50 each; \$16.00 per doz.

THE CHAMPION SOD CUTTER

Has a Reversible Knife. The sides and bottom are made of one piece of steel so that there are no openings that can get choked. A roller just over the knife regulates the thickness of the sod from 1 to 2 inches. The front roller works automatically. By bearing down on the handles and lifting the lever it swings under the machine and takes the weight, until you are ready to cut again. In cutting, the two rollers take the weight, thus preventing any friction or injury to the grass. The guide shoe is reversible and can be changed in a moment. The back is left open so that the knife can be cleaned without turning over the machine. Price, \$25.00.



GEM HAND SEEDER.

For Small Sowings and Hotbeds.

It will open the drill, sow and cover beet, cabbage, carrot, celery, lettuce, radish, turnip and all such seeds with perfect regularity. It sows much more evenly and ten times as rapidly as by hand. The quantity to be sown can quickly be regulated and also the depth. It is the only drill made for sowing in hotbeds. Will sow a small packet of seeds as well as larger bulks. Simple, easily understood, and cannot get out of order. Price, \$1.00 each.



S. & W. CO.'S COMPRESSED AIR SPRINKLER.

Eight or ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for five or six minutes. Price, \$2.00 each.



No. 31.

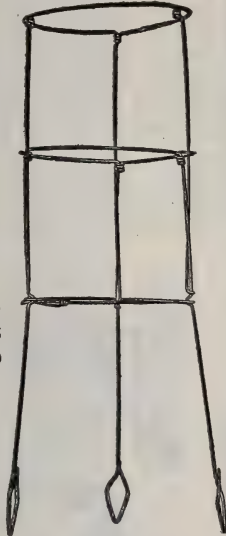
MYERS' BUCKET BRASS SPRAY PUMP.

Being made of brass it is not affected by the arsenites used for spraying. Easily operated, throws a solid stream 50 feet. It is provided with a combination nozzle, and also with a sprinkler for flowers. For spraying large trees, an 8-foot pipe extension is supplied for 60 cents extra. This pump is also valuable for washing windows. \$4.00.



NEW MODEL TOMATO SUPPORT.

3 feet high.
Galvanized Wire.
Each.....\$0 15
Per dozen..... 1 50



TREE GUARDS.

Iron.
Enamelled Black.
Each..... \$3 00
Per dozen... 30 00



AUTO-SPRAY.

The cut shows the air chamber and reservoir combined. Fill the reservoir not more than two-thirds full with the solution ready for spraying, insert the air pump at the end of the can, and all is ready for the operation. The sprayer being carried by the shoulder strap leaves both hands of the person operating nothing to do but direct the spray. The spray can be made to flow faster or slower by merely turning the cock of the spraying nozzle, and will throw either a cloud-like shower or a solid stream. Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes—this means that work uninterruptedly long enough to spray a quarter-acre of potatoes. Price, \$4.50.

SYRINGES (BRASS).



11
Open roses, two-spray roses and jet, side attachments.....\$4 50



10
Cone valves, two-spray roses and jet, side attachments... 5 50



G Barrel 16 in. x 1 1/2 in. diameter.

Open rose, one spray rose and jet, one side attachment, angle joint. This joint can be detached and the Syringe used in the ordinary way..... 4 00

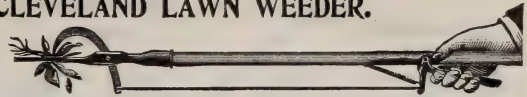


00
Fine spray, rose only, barrel 14 in. long, 1 1/4 in. in diameter 2 75
No. O. Same as 00, but with barrel 12 1/4 in. long, 1 1/4 in. in diameter..... 2 25

TROWEL, SOLID STEEL.

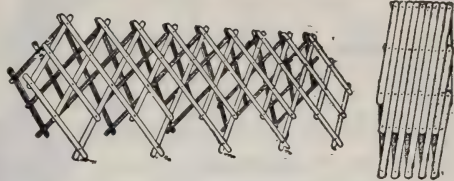
Light, strong and durable..... 40
Garden Trowel..... 10

CLEVELAND LAWN WEEDER.



A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. 60 cents each.

PEA, OR VINE TRELLIS.



After a test, covering the last eight years, the above device is now offered to the public as the most complete in all points of any trellis yet produced. It is adapted to the perfect growth of all (annual) low clambering vines, especially tomatoes, and is a most attractive feature for the garden. For use, the Trellis is simply extended to the desired length and placed on the ground, over, or in proximity to, such plants as are intended to grow on it.

No stakes are required. To insure stability it is only necessary that when extended the foot of each side should be distant from the other by a space equal to two-thirds of the height. Should the Trellis stand 3 feet high, the transverse base line should then be 2 feet. When so placed, which can be done in about one-half of one minute, it will so remain until it is desired to store it away at the close of the season. Previous to doing which it must be thoroughly cleared of all extraneous matter (before closing it) in order that little twigs, bits of vine, etc., may not force the strips apart at the connections. With ordinary care the Trellis is guaranteed to be serviceable for at least 10 years. Are furnished in three sizes. Price, \$1 50 each.



COLUMBIA PLANT TUBS.

Made of Cypress. Never Break—Never Decay.

12 in. diam. by 11 in. high.....	\$1 00
14 " " " 14 " "	1 50
18 " " " 16 1/2 " "	2 00
21 " " " 18 1/2 " "	2 50
24 " " " 20 1/2 " "	3 00

UNION FLOWER TUBS.

Made of Cypress, painted green, with iron hoops and feet and handles; perforated bottom; very strong.



No.	Diameter.	Height.	Price.
1.....	11 inches.....	13 inches.....	\$0 75
2.....	13 " "	14 1/2 " "	1 00
3.....	15 " "	16 " "	1 40
4.....	18 " "	20 " "	2 00
5.....	21 " "	24 " "	2 50

CEDAR TREE TUBS.

Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside.

No.	Outside Diam.	Length of Stave.	Price.
0.....	27 inches.....	24 inches.....	\$6 00
1.....	25 " "	22 " "	5 00
2.....	23 " "	20 " "	4 50
3.....	21 " "	18 " "	4 00
4.....	18 " "	16 " "	3 50
5.....	16 " "	14 " "	2 75
6.....	14 " "	12 " "	2 25
7.....	13 " "	11 " "	2 00
8.....	12 " "	10 " "	1 75

EXCELSIOR WEEDING HOOK.



Tinned, Malleable Iron and Polished Apple Wood Handles.
Each..... \$0 10
Hazletine's Weeders..... 2

Wetherspoon's Patent.
Very Heavy Galvanized.

6 quarts, long spout.....	\$2 00
8 " " " "	2 25
12 " " " "	2 75
16 " " " "	3 50

Galvanized.

4 quarts, short spout.....	35
6 " " " "	50
8 " " " "	65
10 " " " "	75
12 " " " "	1 00
16 " " " "	1 25

Common Sense. Tin, Painted Green.

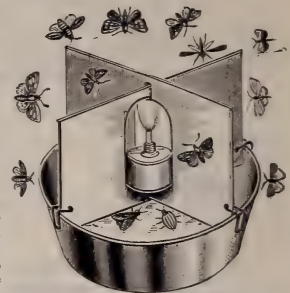
2 quarts.....	\$0 50
4 " "	75
6 " "	1 00

WATERING POTS.



PATENT MOTH CATCHER.

Among the insects that are injurious to vegetation are many worms, caterpillars, beetles, etc., that are the progeny of moths etc., that fly by night and are attracted by brilliant light. Many of these can be lured to their destruction with the Patent Moth Catcher, which is simply a tin torch lamp, flanked with reflectors, against which the moths dash and are knocked into the pan below, containing water surfaced with kerosene oil. The lamp uses kerosene. There should be not less than one lamp to an acre used. Full directions sent to every purchaser. Prices (without pans), small size, reflectors and lamp, 85c.; large size, reflectors and lamp, \$1.00.



CHAIN ROLLER GOLF MOWER
Specially designed for Borders and Golf Greens.

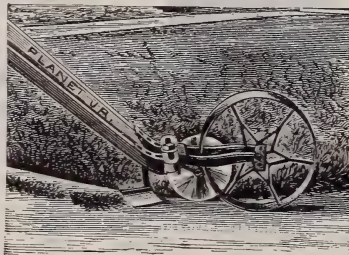


This mower will cut close enough and clean enough to satisfy the most fastidious golfer. It will run easier than any other ever built. It will stay in perfect order longer than any other, and we warrant it.

Sizes.....	12-in.	14-in.	16-in.	18-in.
Net prices.....	\$10.00	\$11.00	\$12.00	\$13.00

The "Planet Jr." Grass Edger.

It will do either straight or curved edging at a speed of a mile an hour. It should be the constant companion of the lawn mower. Strawberry growers will find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners. Price, \$6.00.



RIPLEY'S WHITEWASH AND PAINTING MACHINE.

By using this machine every crevice and corner which cannot be reached with a brush can be thoroughly painted or whitewashed, at the same time saving a great deal of labor and expense. One man can do as much work in one hour as five men could do with brushes in the same length of time. Price, No. 6—8-gallon Galvanized Iron Machine, with all attachments, \$12.00. No. 7—16-gallon Galvanized Iron Machine, with all attachments, \$15.00. Extra hose, per foot, 8c. Nozzle, 85c.

BOOKS on Horticulture, Agriculture and Kindred Subjects. Delivered Free in the United States at these Prices.

	Each		Each
CANNING AND PRESERVING FRUITS AND VEGETABLES. By Ermentine Young. Also fruit pastes, syrups, evaporating fruits, etc.....	\$0 25	SUCCESS WITH HOUSE PLANTS. By Lizzie Page Hillhouse. Plain, concise, practical.....	\$0 50
CARNATION CULTURE, AMERICAN. By L. L. Lamborn. Varieties, classification, propagation, culture. A practical work.....	1 50	SWEET PEAS. By Rev. T. W. Hutchins. Varieties, cultivation, etc.....	20
CHEYSANTHEMUM CULTURE FOR AMATEURS AND PROFESSIONALS. An English work by Ravenscroft. Culture for both exhibition and market.....	50	THE BEAUTIFUL FLOWER GARDEN. By F. Schuyler Mathews. Its treatment with special regard to the picturesque.....	40
DABLIA, THE. By L. K. Peacock. New and valuable work. Classes, varieties, descriptions, cultivation, history.....	50	THE HORTICULTURIST'S RULE BOOK. By Prof. L. H. Bailey. Full of useful information for fruit growers, truck gardeners, florists and others.....	75
GARDEN MAKING. By Prof. Bailey. Instructions for beginners and for the skilled gardener. Covers the whole subject, laying out and planting small city yards and large suburban grounds, plants, trees, bedding, pruning, vegetables, fruits; scientific truths in simple language.....	1 00	THE WATER GARDEN. By Wm. Tricker. All water plants described; how to grow in tubs, ponds, etc.; the formation of artificial ponds; utilization of natural propagation, culture, wintering, etc.....	2 00
GARDENING FOR PLEASURE. By Peter Henderson.....	1 50	THE WINDOW FLOWER GARDEN. By J. J. Heinrich. The personal experience of a practical florist.....	50
GARDENING FOR PROFIT. By Peter Henderson.....	1 50	THE YOUNG MARKET GARDENER. By T. Greiner. A guide to beginners in market vegetables; outside culture, hot-beds, frames, preparing and selling etc.....	50
MUSHROOM CULTURE. By W. Robinson. (Imported.) England's standard authority on this subject.....	50	TREES, PLANTS AND FLOWERS; WHERE AND HOW THEY GROW. A familiar history of the vegetable kingdom. By W. L. Bailey.....	75
POTATO CULTURE, THE NEW. By E. S. Carman. New and profitable methods; trench system, etc. Results of 15 years' experiments.....	75	VIOLET CULTURE. (Commercial). By Prof. Galloway of U. S. Department of Agriculture. The subject is fully covered, from suitable houses and varieties, culture, diseases, etc., to shipping the flowers.....	1 50
PRACTICAL FLORICULTURE. By Peter Henderson.....	1 50		

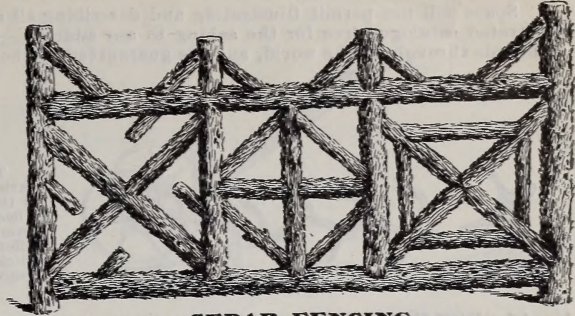
RUSTIC WORK.

Estimates Given on Rustic Bridges, Fencing, Settees, Chairs, Arbors, Houses, Etc.



RUSTIC SUMMER HOUSE.

8 foot house, complete, \$100.00.
Cost of freight and erecting,
about 10 per cent. extra.



CEDAR FENCING.

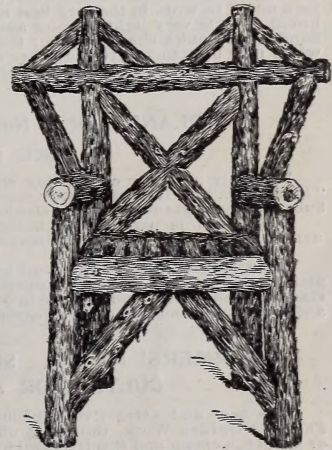
Made from selected red cedar. Price, per running foot, about
4 ft. high, 90c., \$1.00, \$1.15 per foot.



CEDAR BIRD HOUSES.

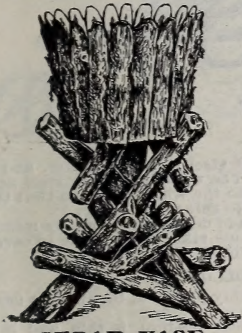
8 in. wide x
11 in. high x 12
in. long, \$1.50
each; \$2.75 per
pair.

9 in. wide x
12 in. high x 12
in. long, \$1.75
each; \$3.25 per
pair.



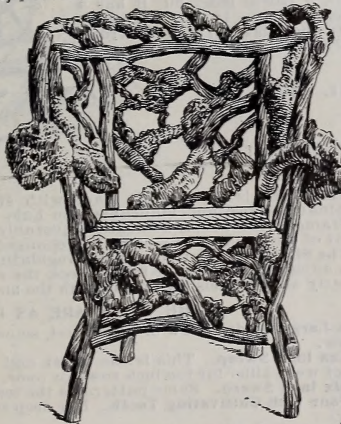
CEDAR LAWN CHAIR.

Each, \$5.00; per pair, \$9.00;
per doz. chairs, \$48.00.



CEDAR VASE.

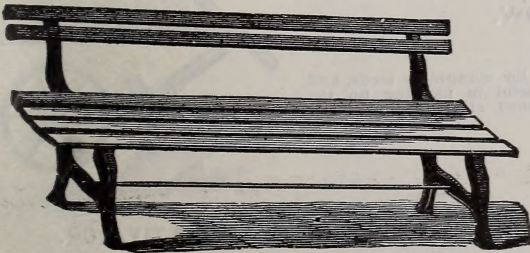
Ornamental, for Lawns, Verandas, etc. Price, 16 in. diameter x 3¼ ft. high, each, \$4.00; per pair, \$7.50; 12 in. diameter x 2¾ ft. high, each, \$3.00; per pair, \$5.50.



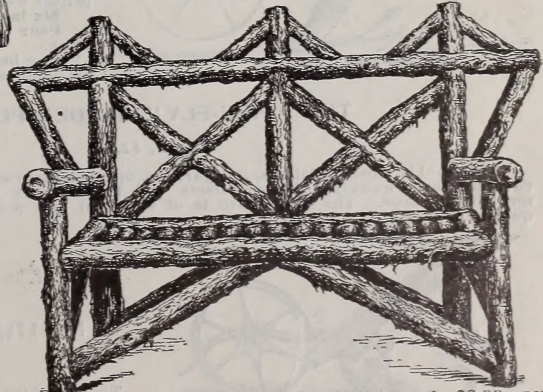
LAUREL CHAIR.

Made from selected laurel roots, with white pine seat; very ornamental.

Price, 3½ ft. long, \$10.00 each; per pair, \$19.00.
4½ ft. long, \$12.00 each; per pair, \$23.00.



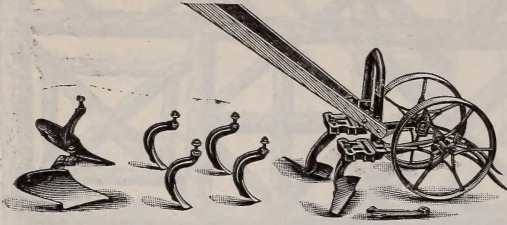
PARK SETTEE. These are strong, well made and neatly finished. The timber used in their construction is the best quality, straight grained and tough. Ash is the wood used.
Price, 4 ft. long, \$4.50 each; per doz., \$48.00. 5 ft. long, \$5.00 each; per doz., \$50.00. 6 ft. long, each, \$5.50; per doz., \$55.00. 8 ft. long, each, \$7.00; per doz., \$65.00.



CEDAR SETTEE. Price, 4 ft long, each, \$8.00; per pair, \$14.00. 5 ft. long, each, \$9.00; per pair, \$16.00. 6 ft. long, each, \$10.00; per pair, \$18.00.

"PLANET JR." FARM AND GARDEN TOOLS.

Space will not permit illustrating and describing all of the "Planet Jr." tools; but we will gladly send fully illustrated catalogue free for the asking to any address. Remember, "Planet Jr." machines are the recognized standards throughout the world, and are guaranteed by the manufacturers.



No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

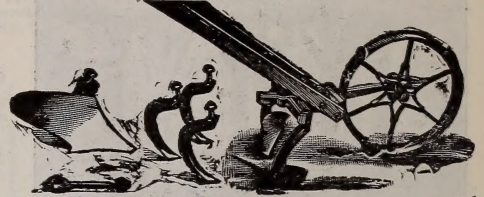
PRICE, \$6.50.

This wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at different distances apart; malleable frame, with ample room for tool adjustment, and can be set at different heights. The arch is of stiff steel, unusually high; the quick-change frame permits the tools to be changed without removing the nuts.

No. 17 SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

PRICE, \$4.75.

This latest and best single-wheel hoe has a set of tools such as have been found to work in the very best manner. It has 11-inch wheel with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame; the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.



"PLANET JR." No. 8 HORSE HOE.

PRICE, \$8.00.

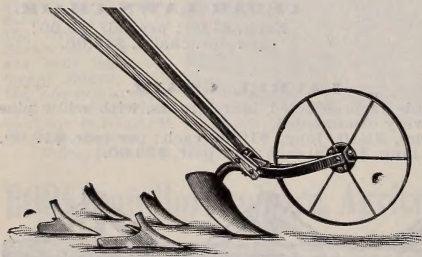
Probably no other cultivating machine is so widely known as the "Planet Jr.," for it is used throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest.

No. 9 HORSE HOE.—This tool is similar to the No. 8 Horse Hoe, but it has a plain wheel instead of one operating by a convenient lever. It has the same standards and teeth, and is made in other respects like the popular No. 8. It is strong and serviceable and will give full satisfaction. Price, \$7.00.

FARMERS' No. 19. SINGLE WHEEL HOE CULTIVATOR AND PLOW.

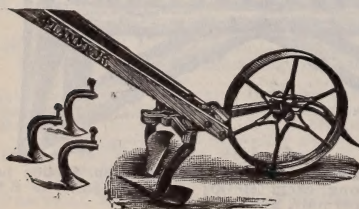
This new and attractive implement is especially designed for the Farmer's Garden Work, though it offers to everyone, with either field or garden, a cheap and effective tool for all hand wheel hoe operations.



THE "FIRE-FLY" GARDEN PLOW.

PRICE, \$2.25.

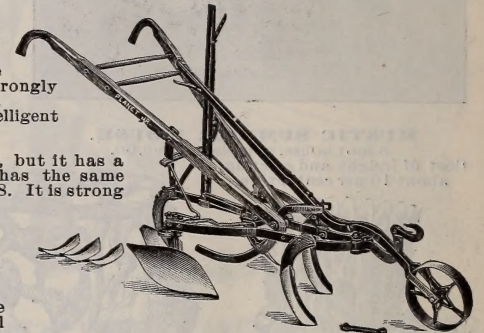
This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken raisers will find it very useful in plowing up the scratching yards. The moldboard is of tempered and polished steel; the depth is quickly changed.



No. 17 1/2 SINGLE WHEEL HOE AND CULTIVATOR.

PRICE, \$4.25.

This machine is similar to No. 17, except it has no plow, but it has a leaf lifter. Thousands of them are sold annually for cultivating sugar beets and onions.



The Wheel is high and is made with stiff steel rim and spokes, and a combination steel and malleable iron hub. The wheel arms are steel and the frame of the tool is attached adjustably to the wheel arms, so that the height of the handles may be readily changed to suit man or boy.

The Standard is slotted to make regulation of depth easy, and, by means of an adjustable malleable filling piece, the same standard is made to carry perfectly all the steels that come with the machine.

THE TOOLS ARE AS FOLLOWS:

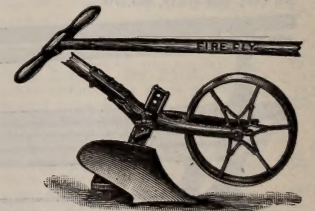
A Large Garden Plow of hard steel, smoothly polished, throwing a neat furrow.

Ten Inch Sweep. This is the latest and best pattern, is thin and is a perfect weed killer for ten inch rows or over.

Six Inch Sweep. Same pattern as the ten inch.

Four Inch Cultivating Tooth. For deep cultivation and for all thorough work.

Two Inch Cultivator Tooth. For still deeper work and for marking out for onion sets, etc.



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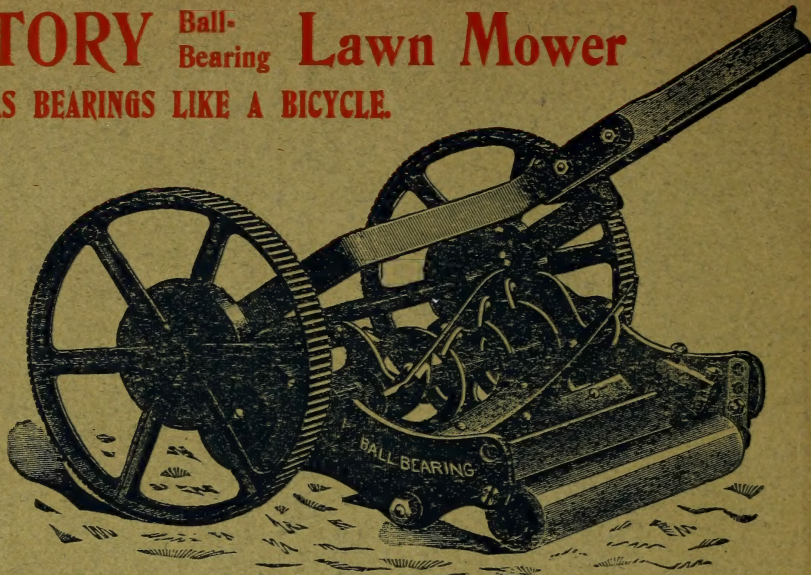
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The VICTORY ^{Ball-Bearing} Lawn Mower

HAS BEARINGS LIKE A BICYCLE.

A 24-inch mower can be operated as easily as a 16-inch of the old style, and lawn mown in one-quarter of the time.

Ball Bearings.
Ten-Inch Wheels.
Triple Gear.
Four-Bladed Reel.



ITS SPECIAL FEATURES.

Ball Bearings of the very highest grade, exact to 1-1000 of an inch, which reduce the friction astonishingly—even more in a mower than in a bicycle—and render it possible to use wider machines than heretofore with parallel bearings.

Triple Gear entirely inclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

A Solid Rectangular Frame, that cannot be twisted or jarred out of parallel; the two side frames being bound tightly together by means of two cold-die drawn-steel bolts, which make the most rigid frame ever built.

A Removable Cutter Bar, which, by loosening four small screws, may be rolled out of the machine for sharpening without disturbing the frame. A very valuable feature, found in no other make of mowers. This cutter bar is the most rigid made, owing to its tubular shape, and, being separate

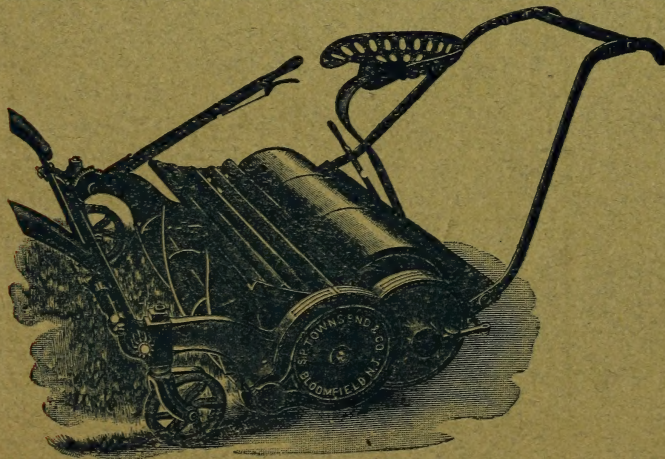
from the frame, enables one to adjust the lower blade to the reel without twisting the frame out of parallel—a common fault in other mowers.

Double Steel Ratchet, like lightning in action, like adamant in hardness and durability. By using two pawls in each pinion, the chances of the pawls engaging the clutch part of the pinion are doubled, and the durability is increased tenfold, because the clutch part of the pinion can move so small a distance before engaging the pawl and impelling the knives forward that there is no shock, for the same reason that you cannot strike a hard blow if the object is too close. The result is that the knives cut the instant you move the mower, a delightful contrast from the old-style mowers.

Cold-Die Drawn-Steel Axles; hard and stiff and true to within 1-1000 of an inch, which, with the cast iron hub of the wheels, bored and reamed to a perfect fit, make an ideal bearing—much superior to cast iron axles in cast iron hubs.

Prices for VICTORY Ball-Bearing Lawn Mowers.

14-inch cut.....	\$8 00	18-inch cut.....	\$10 00	22-inch cut.....	\$12 00
16-inch cut.....	9 00	20-inch cut.....	11 00	24-inch cut.....	12 50



Townsend Horse Lawn Mower.

.. THE ..

Townsend Horse Lawn Mower.

We consider this the most perfectly constructed Horse Lawn Mower on the market. Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. Unlike other mowers, the motion of the blades is maintained even when turning sharp corners. The height of cut and motion of knives is under perfect control of the driver from his seat, and the large rolls (15 inches in diameter) insure great power and ease of movement. The self-aligning journal boxes will be found in this mower only, and prevent cramping, a very common fault in Horse Lawn Mowers.

All machines are fitted complete with Tool Box, Seat, Handles, Shafts and Side Bar Attachment, which keeps the horse on the cut grass.

Net prices—30-in., complete, \$60.00; 38-in., complete, \$75.00.