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SEED LABORATORY.

1900

STUMPP & WALTER CO.

High Grade
Vegetable
and
Flower Seeds

SEEDS

50 Barclay St.,
NEW YORK.



1900




STUMPP & WALTER COMPANY'S

PRICE LIST

OF

High-Grade Vegetable and Flower Seeds

BULBS AND SMALL FRUITS
ORNAMENTAL SHRUBS AND TREES
FOR SPRING PLANTING 

50 Barclay Street,
New York, N. Y.

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.

Appreciating past favors, we solicit your continued orders, which shall receive our careful and prompt attention.

Very respectfully,
STUMPP & WALTER CO.

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

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 and FLOWER SEEDS, BULBS or PLANTS, Customers may select ANY ARTICLE from this Catalogue as a

PREMIUM

to values given on orders of the following amounts:

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

SEED TABLET.

QUANTITY OF SEED USUALLY SOWN TO THE ACRE.

Barley, broadcast 2 to 3 bush.	Flax, broadcast 1 to 2 bush.	Radish, in drills 6 to 8 lbs.
Beans, dwarf, in drills 1½ bush.	Grass, Blue, alone 3 bush.	Radish, broadcast 10 lbs.
Beans, pole, in hills 8 to 10 qts.	" Hungarian 1 bush.	Rye, broadcast 1½ to 2 bush.
Beet, in drills 4 to 5 lbs.	" Lawn, Central Park, 3 to 4 bush.	Sorghum 10 to 12 lbs.
Broom-Corn, in hills 4 to 6 lbs.	" Orchard 2 to 3 bush.	Spinach, in drills 12 to 15 lbs.
Buckwheat, broadcast ¾ to 1 bush.	" Red Top 3 bush.	Sage, in drills 8 to 10 lbs.
Carrot, in drills 2 to 3 lbs.	" Rye 2 bush.	Squash (bush varieties), in
Corn, in hills 8 qts.	" R. I. Bent 3 bush.	hills 4 to 6 lbs.
Corn, for soiling 3 bush.	" Timothy ½ bush.	Squash (running varieties),
Clover, Alsike 10 lbs.	Hemp 1½ bush.	in hills 3 to 4 lbs.
Clover, red, alone 20 lbs.	Millet 1 bush.	Turnip, in drills 2 lbs.
Clover, red, with Timothy and	Mangel Wurzel 8 lbs.	Turnip, broadcast 2 to 3 lbs.
Red Top 10 lbs.	Oats, broadcast 2 to 3 bush.	Tomato, to transplant ½ lb.
Clover, white, alone 8 to 10 lbs.	Onion, in drills 5 to 6 lbs.	Vetches, broadcast 2 to 3 bush.
Clover, white, with other seeds, 4 lbs.	Parsnip, in drills 4 to 5 lbs.	Wheat, broadcast 1½ to 2 bush.
Clover, Lucerne, alone 15 lbs.	Peas, Early, in drills 1½ bush.	Wheat, in drills 1 bush.
Cucumber, in hills 1 to 2 lbs.	Peas, Marrowfat, in drills 1½ bush.	Clover, } together { 10 lbs. Clover.
Celery, to transplant ½ lb.	Peas, broadcast 3 bush.	Timothy, } for { ¼ bu. Timothy.
Cabbage, in beds to transplant, ¼ lb.	Potato, cut tubers, in drills 10 bush.	Red Top, } one acre { 1 bu. Red Top.

Quantity of Seeds required of a given number of Plants, number of Hills or length of Drill.

Asparagus 1 oz. to 50 ft. drill.	Pole Beans 1 qt. to 150 hills.
Beet 1 oz. to 50 ft. "	Corn 1 qt. to 200 "
Carrot 1 oz. to 150 ft. "	Cucumber 1 oz. to 50 "
Endive 1 oz. to 150 ft. "	Water-Melon 1 oz. to 30 "
Okra 1 oz. to 40 ft. "	Musk-Melon 1 oz. to 60 "
Onion 1 oz. to 100 ft. "	Pumpkin 1 oz. to 40 "
Onion sets, small 1 qt. to 20 ft. "	Early Squash 1 oz. to 50 "
Parsley 1 oz. to 150 ft. "	Marrow Squash 1 oz. to 16 "
Parsnip 1 oz. to 200 ft. "	Cabbage 1 oz. 2000 plants.
Radish 1 oz. to 100 ft. "	Cauliflower 1 oz. 2000 "
Salsify 1 oz. to 70 ft. "	Celery 1 ox. 3000 "
Spinach 1 oz. to 100 ft. "	Egg Plant 1 oz. 1000 "
Turnip 1 oz. to 150 ft. "	Lettuce 1 oz. 3000 "
Peas 1 qt. to 100 ft. "	Pepper 1 oz. 1000 "
Dwarf Beans 1 qt. to 100 ft. "	Tomato 1 oz. 1500 "
Leek 1 oz. to 100 ft. "	

Novelties and Specialties in Vegetable Seed.

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, leaves small and compact, and set very close to the centre. It combines the maximum of edible bulb with the minimum of 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 fibre 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.



New Dark Crimson Beet
“Crimson Globe.”

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

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.; per pint, 20c.; per quart, 40c.; per peck, \$2.00

Stringless Green Pod Bush

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 Valentines, we are sure that Stringless Green Pod will supply a long felt want. It must prove of immense value, not only to the market gardener who wants to make more money, but also to the amateur who seeks a rare quality early for the home table.

Per pkt., 10c.; per pint, 25c.; per quart, 50c.



Stringless Green Pod Bush Bean.

Extra Early Evergreen Sugar Corn.

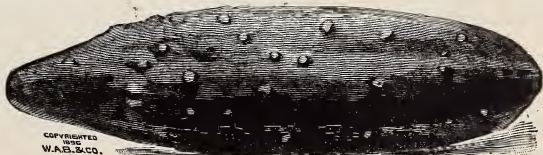
It will furnish ears fit for use much earlier than Stowell's Evergreen.

The ears are like the Evergreen, very large, with about eighteen more or less irregular rows and a very long grain which is of the very best quality. It remains in condition for use longer than other sorts, exceeding the Stowell's in this respect. The plant and ear is pronounced by observers to be a fine stock of the old variety, though fit for use one to two weeks earlier.

Per pt., 15c.; qt., 25c.; peck, \$1.25.

New Cucumber--Fordhook Pickling.

This distinct new 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. One of the requisites for a crisp, tender pickle is that the Cucumber should have a thin skin--this is a marked feature of the Fordhook pickling.



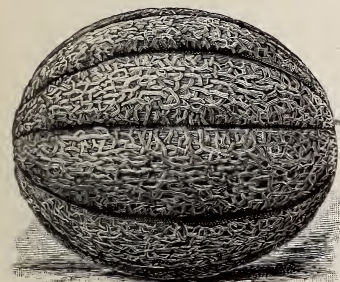
Fordhook Pickling Cucumber.



Extra Early Evergreen Sugar Corn.

A strong and vigorous grower, it produces a greater length of vine and more fruit than any other variety. It has taken seven years to attain its present uniformity. We are sure that canners, market-gardeners, and private planters will be delighted with the Fordhook Pickling Cucumber.

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



Musk Melon.

ROCKY FORD MUSK MELON.

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. From that section it has been shipped to every city in the country, and sold in the markets under the name of the town from which it came. The Rocky Ford Melon is, therefore, already well-known. It is by far the most popular sort on the market, and commands higher prices than any other variety. The true type is shown by our illustration, the shape is oval and the average length about five inches. It is very sweet and most delicately flavored, with exceedingly fine and smooth-grained flesh of a light green color.

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

"Crimson Cushion" Tomato.

THE EARLIEST LARGE 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.

Per pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.25.



Crimson Cushion Tomato.

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. 15 cts. 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., 25c.

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



Columbian Mammoth White

BEANS.

DWARF OR BUSH.

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.



Valentine Bush Bean.

Burpee's Stringless. The only stringless green pod bush bean in cultivation. (See description front pages.) Per pkt., 10c.; pint, 25c.; quart, 50c.

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.; pint, 25c.; quart, 50c.

Early Mohawk. Very early, very productive, and of rich flavor, long and flat pods

pkt.	pint.	qt.	pk.
\$0 10	\$0 20	\$0 30	\$2 00

Early Long Yellow Six Weeks. Very early, flat pods

10	20	30	2 00
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Early China. Early and continues long in bearing

10	20	30	2 00
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Improved Red Valentine. Round green pods, early and tender

10	25	40	2 50
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Refugee Ex. Early. The qualities of the famous late variety of the same name, but is considerably earlier in podding

pkt.	pint.	qt.	pk.
\$0 10	\$0 20	\$0 40	\$2 50

Refugee Golden. Has round pods of light green color, of strong growth and very productive; one of the best

10	25	40	2 50
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Best of All. Early and superior, round, green fleshy pods

pkt.	pint.	qt.	pk.
\$0 10	\$0 20	\$0 30	\$2 00

Dwarf Horticultural. Late and productive

10	20	30	2 00
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Refugee. Medium to late, very productive and tender, and largely grown for main crop, round pods

10	20	35	2 00
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BEANS.—Continued.**DWARF WAX.**

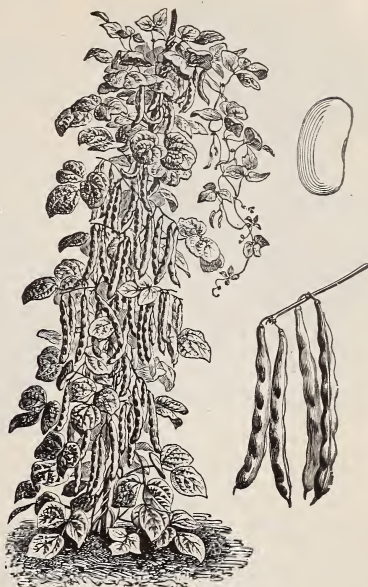
- Black Wax.** Improved. Very early and productive. Per pkt., 10c.; pt., 15c.; qt., 30c.; pk., \$2.00.
- Improved Golden Wax.** Very early, round golden pods. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Golden-Eyed Wax.** Exceedingly hardy and productive, with flat yellow pods; early and exceptionally free from rust. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.
- Keeney's Rustless Golden Wax.** Productive. Golden-yellow pods, stringless. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Refugee Wax.** Earliest of all the wax beans, with long yellow pods; wonderfully productive. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Wardwell Kidney Wax.** Extra early, long flat purely wax pods. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- 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 centre many clusters, some of which extend above the foliage. When young the pods are very brittle, crisp and tender. The dry beans are kidney-shaped, clear white, and excellent for baking. Per pkt., 10c.; pt., 25c.; qt., 40c.
- White Wax.** Stringless yellow pods, very tender. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Yosemite.** Mammoth Wax. The pods frequently attain a length of ten 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., 25c.; qt., 40c.; pk., \$2.50.

POLE OR RUNNING.

One quart will plant 100 hills.

Culture.—Plant in hills four feet apart each way and two inches deep, allowing eight seeds to a hill. When the plants are well established they should be thinned out to four. Limas should not be planted until warm weather has fairly set in. The poles should be firmly set in the centre of the hills before planting the seeds.

- Old Homestead.** This is regarded as far ahead of any other green pole bean. It is 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, resembling the popular Refugee Bush Bean. The pods, though large, cook tender and melting, and we can recommend it as the best green Pole Bean. Per pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$2.50.
- 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, being fit to pick on July 24th of last year. They are absolutely stringless and cook tender. Per pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$2.50.
- 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., 40c.; pk., \$2.50.
- 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. The pods retain their rich, tender and stringless qualities until nearly ripe, and at all stages are unsurpassed for snap shorts. Each pod contains from six to eight round, white beans, which make excellent winter shell beans. Per pkt., 10c.; pt., 25c.; qt., 40c.
- German Black Wax.** Fine snap bean, yellow pods. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Horticultural or Speckled Cranberry.** One of the best for family use; the pods are tender and of fine quality. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Scarlet Runner.** A great favorite, both ornamental and useful. Bright scarlet flowers. Used both as a string and shelled bean. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.75.
- White Dutch Runner.** Similar to above, with the exception



Golden Cluster Pole Bean.

of having white flowers instead of scarlet. Per pkt., 10c.; pt., 20c.; qt., 30c.; pk., \$1.70.

LIMA BEANS (Pole).

- Lima Challenger.** Early and very productive. Quality the best. Per pkt., 10c.; pt., 20c.; qt., 35c.; pk., \$2.00.
- Lima, Dree'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., 30c.; pk., \$1.75.
- 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., \$1.90.

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., 30c.; pk., \$2.00.
- 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.
- Thorburn's Dwarf Lima.** A dwarf form of the Challenger Lima, very productive and possesses a delicious flavor. Per pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$2.50.

ENGLISH OR BROAD.

One quart will plant 100 feet of drills.

- Early Mazagan.** Very early, hardy and bears freely. Per pkt., 10c.; qt., 40c.
- Broad Windsor.** The largest variety grown; very tender and delicious. Per pkt., 10c.; qt., 40c.



Detroit Beet.

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.

Price, per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ lb., 20c.; per lb., 60c.

Extra Early Egyptian. Earliest of all the round sorts. Deep blood color.

Eclipse. Almost as early as the Egyptian, but of much finer quality and exceeding sweet.

Edmand's Blood Turnip. Very regular in shape; deep blood-red color and exceedingly sweet.

Bassano. Early, flat, of very light color. Sweetest of all the turnip varieties.

Early Blood Turnip. Dark red; standard market garden sort.

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.

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 eighteen 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 centre; 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 qualities become most apparent, the fine rich color making it conspicuous. The flesh of delicate texture, rich and sugary.

Price, per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ lb., 25c.

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 everyone 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.

Price, per pkt., 5c.; per oz., 10c.; per $\frac{1}{4}$ lb., 20c.; per lb., 60c.

Extra Early Egyptian. Earliest of all the round sorts. Deep blood color.

Eclipse. Almost as early as the Egyptian, but of much finer quality and exceeding sweet.

Edmand's Blood Turnip. Very regular in shape; deep blood-red color and exceedingly sweet.

Bassano. Early, flat, of very light color. Sweetest of all the turnip varieties.

Early Blood Turnip. Dark red; standard market garden sort.

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.

Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
\$0 05	\$0 10	\$0 20	\$0 55
05	10	20	55
05	10	20	55
05	10	20	45
05	10	20	60



Brussels Sprouts.

SUGAR BEETS AND MANGELS.

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

Mammoth Long Red. Largest and most profitable variety grown for agricultural purposes. Per $\frac{1}{4}$ lb., 15c.; per lb., 25c.

Yellow Globe. Adapted for growing in shallow soils. Per $\frac{1}{4}$ lb., 15c.; per lb., 30c.

Red Globe. Similar to the Yellow Globe. Per $\frac{1}{4}$ lb., 15c.; per lb., 25c.

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., 40c.

BRUSSELS SPROUTS.

One ounce will produce about 3000 plants.

Culture.—Sow in May, in shallow drills, one inch deep and two 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.

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., 50c.

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

True Erfurt Water Cress. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.50.



Water Cress.

CABBAGE.

One ounce will produce about 3,000 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.



Cabbage, American Drumhead Savoy.

Henderson's Succession. Very similar to the preceding variety. Per pkt., 5c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$2.50.

All Seasons. The finest sort for second early or late use, growing to a large size, and is a sure header. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

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. Pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 80c.

Large Late Drumhead. Very large, solid heads; standard variety for winter use. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

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., \$1.00.

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., 40c.; $\frac{1}{4}$ lb., \$1.25.

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. Pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

Early Winnigstadt. Standard second early variety. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.

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., 30c.; $\frac{1}{4}$ lb., 75c.

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., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$2.00.

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., 25c.; $\frac{1}{4}$ lb., 75c.

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., \$1.00; lb., \$3.00.

CHICORY.

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

Large Rooted Magdeburg. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

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

CHERVIL.

One ounce will sow 100 feet of drill.

Culture.—The curled chervil is cultivated liked parsley and used for garnishing and flavoring soups and salads. The seed of the tuberous rooted is sown in August and treated like carrots.

Curled Chervil. Per pkt., 5c.; oz.,

Chicory, Witloof. 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.



Cabbage, Holland or Danish Ballhead.

CAULIFLOWER.

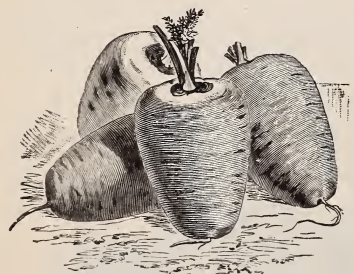
One ounce will produce about 3000 plants.

Culture.—Sow the first week in May and pick 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.



Early Snowball Cauliflower.

- Extra Early Dwarf Erfurt.** The earliest and most desirable sort for forcing. Per pkt., 25c.; oz., \$6.00.
Large Early Erfurt. A standard early variety, producing compact heads of fine quality. Per pkt., 25c.; oz., \$2.25.
Early Paris. An old and favorite sort, excellent for family use. Per pkt., 10c.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.
Early Snowball. One of the best for general use, medium size, but sure to head. Per pkt., 25c.; oz., \$2.25.



Carrot.

CARROT.

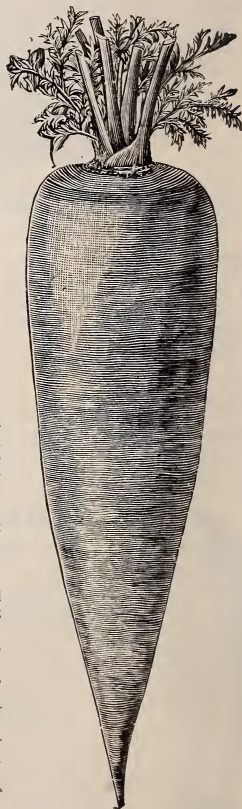
One ounce will sow 100 feet of drill.

Culture.—To produce the finest crop, the land should be thoroughly manured the previous season; forked roots will result if 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 French Forcing. The earliest variety grown; roots very small and exceedingly fine flavored. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Early Scarlet Horn. Highly esteemed variety. Per pkt., 5c.; oz., 10c.;

- old variety; medium size and of excellent quality. Per pkt., $\frac{1}{4}$ lb., 25c.; lb., 75c.
Half Long Nantes. An excellent variety; medium early and of fine quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Half Long Stump Rooted Carentan. Coreless; red flesh, superior quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Danvers. (Half Long.) Rich dark orange color, stump rooted, smooth, with very little core. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.
James' Intermediate. One of the best main crop carrots. Entirely free from any coarse, rank flavor so common with many sorts. Excellent for private purposes. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.
Half Long Stump Rooted Chantenay. One of the most productive sorts grown; fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Long Orange. Most profitable variety grown for field crops, or for feed purposes. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 65c.
Half Long Red Stump Rooted. An excellent sort of good quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.



Carrot, Intermediate.

CELERY.

One ounce will produce about 5,000 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. The most desirable time will depend upon local climate, and is that which will bring the plants to maturity during cool, moist weather. 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 it 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.

White Solid. An old standard variety. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; 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., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Golden Self-Blanching. A self-blanching variety of the "White Plume" order, but much superior for either family or market gardener's use; it is of a rich golden-yellow color and is the earliest variety grown. Per pkt., 5c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.75; lb., \$4.00.

Improved White Plume. An early and ornamental variety. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Giant Pascal. This splendid variety possesses an unexceptional 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.

Keppler's Long Island. One of the most valuable varieties, either for the family or market garden. It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows two feet high; stalks broad, thick, crisp and stringless. Per pkt., 10c.; oz., 75c.

London Red. The largest variety grown, and one of the best in quality. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.;

Covent Garden Red. The red or rose celeries are much superior in flavor to any of the white varieties. They are very ornamental on the table; are more solid, crisp, and are much better keepers. Per pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Pink Plume. The same as White Plume, except the stalks are tinged with pink. Pkt., 10c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

CELERIAC, 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. Plant in shallow drills twelve inches apart, watering freely.

Large Smooth Prague. Very large and fine; roots of superior quality. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.



Golden Self-Blanching Celery.

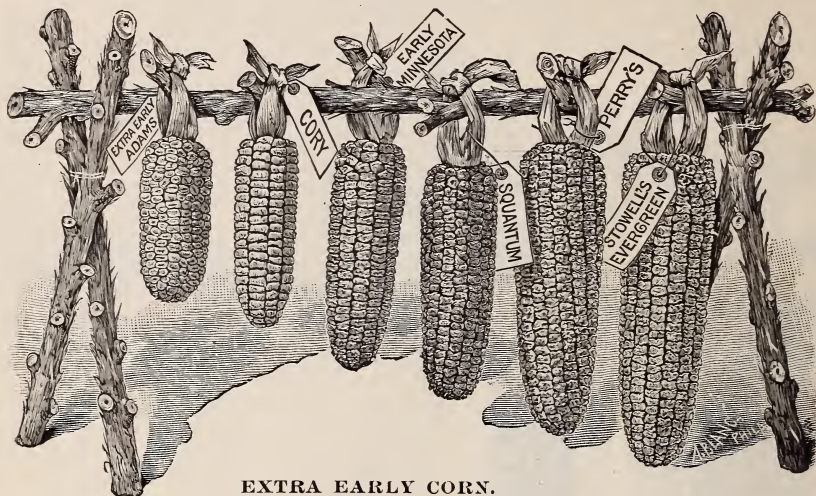


Large Smooth Prague Celariac.

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 CORN.

- Minnesota.** One of the earliest, ears small but of fine quality. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Early Cory. Good sized ears and large grains; very popular market variety. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Perry's Hybrid. Very early; ears of large size; valuable for market purposes. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Extra Early Evergreen. Ten days earlier than the standard variety (see description front pages). Ear, 5c.; pt., 10c.; qt., 25c.; pk., \$1.25.
Early Adams. The most reliable early sort. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.

MEDIUM.

- Stowell's Evergreen.** The most popular variety grown; ears large, very sweet, and keeps well until frost. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Moore's Early Concord. Ears large and of superior quality. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Crossby's Early Sugar. Standard early sort, ears good size; fine quality. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Squantum Corn. One of the sweetest varieties; is largely used for market or canning. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.

LATE.

- Black Mexican.** Very sweet and of fine flavor; grains black. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Late Mammoth. Immense ears and very sweet. Ears, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
Egyptian. Ears large and uniform, very sweet. Ear, 5c.; 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 ears average 8 to 9 inches in length, a very attractive size for the table. The cob is unusually small, and the pearly white kernels, of great depth. Ear, 5c.; pt., 10c.; qt., 20c.; pk., \$1.00.
 Price of field corn furnished upon application.

CORN SALAD.

One ounce will sow 150 feet of drill.

Culture.—Sow early in the spring, in drills, one inch deep and ten inches apart. For main crop sow in Aug. and Sept.

Large Seeded. Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



Corn Salad.

CUCUMBER.

One ounce will plant 50 hills.

Culture—Cucumbers succeed best in warm, moist, rich loamy soil. As soon as the weather becomes settled and warm, sow the seeds in hills four feet apart each way, plant ten to twelve seeds in each hill, make the hills rich by putting a shovelful of well-rotted manure in each hill; thin out to three plants. For pickles sow from the middle of June to the first week in July.

Fordhook Pickling. This distinct new cucumber is wonderfully prolific, producing greater length of vine and more fruit than any other variety. For complete descriptions see front pages. Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

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. This is the most desirable shape for pickles. 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." This variety is the earliest and most prolific of all pickling cucumbers, and is certain to become a standard sort. 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., 15c.; $\frac{1}{4}$ lb., 35c.; lb., 80c.

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., 60c.

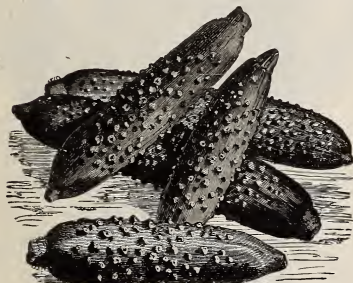
Early Green Cluster. Fruit small, very prolific. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

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 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., 20c.; lb., 60c.



Small Green Pickling.

Small Green Pickling. The best variety for pickling; deep rich green, very productive and of uniform small size. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

West India Gherkin. Use only for pickles. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

JAPANESE CLIMBING CUCUMBER.

An entirely distinct variety. The quality is splendid. It is 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., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

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 rooted, and leaf mold without sand, and should not be sifted, enriched with manure. The heat should be regulated by shading or giving air; be sure to keep the fruit cut as soon as large enough for use, or the plants will deteriorate and be much less productive.

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

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

Lord Kenyon's Favorite. " 25c.

Sion House. " 25c.



Rollison's Telegraph Cucumber.

Early White Spine.



DANDELION.

One ounce will sow about 100 feet of drill.

Culture.—Sow in May, in drills ten 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., 20c.; $\frac{1}{4}$ lb., 60c.

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 Pekin. Produces very handsome jet black fruit of superior quality. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

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 to 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., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Broad Leaved (Escarolle). Produces heads of broad thick leaves, which blanches easily. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

White Curled. For early use. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.



New York Improved Egg Plant.

HORSE RADISH ROOTS.

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

KALE.

One ounce will produce about 3000 plants.

Culture.—Sow in May, in shallow drills 10 or 12 inches apart; when large enough transplant singly in rows 20 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., 20c.; 1 lb., 60c.

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., 20c.; 1 lb., 60c.

Dwarf Brown Kale. A beautiful curled variety, with spreading foliage, very hardy and of fine flavor. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

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, afterwards thin away the plants to 8 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., \$2.25.

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.



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, 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.

Denver Market. The heads are large, solid, light green, beautifully curled like a savory 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., 40c.; lb., \$1.25.

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

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., 75c.; lb., \$3.00.

Black Seeded Butter. A very tender and crisp variety of delicate flavor. 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., 60c.

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.

Tennis Ball. White Seeded, very hardy, valuable to grow in cold frames. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

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., 25c.; $\frac{1}{4}$ lb., 75c.

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., 30c.; lb., 60c.

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

Iceberg. Large solid heads; very handsome, tender and crisp. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.

Brown Dutch. One of the best winter varieties; very hardy, crisp and sweet. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; $\frac{1}{2}$ lb., \$1.25.

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.



White Paris Cos Lettuce.

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., 30c.; lb., \$1.00.

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

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., 40c.; lb., \$1.25.



Big Boston Lettuce.

MARTYNIA.

One ounce will plant about 200 hills.

Probosidea. Per pkt., 5c.; oz., 30c.; $\frac{1}{2}$ lb., 75c.; lb., \$3.00.

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., 60c.; lb., \$2.00.

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., 60c.

MUSK MELON.

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 eight to ten seeds, cover 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.

Newport. The Newport is a very early melon, ripening with the Jenny Lind, which it somewhat resembles. The fruits are deep and almost round, with a dull green exterior, changing as they ripen to a rich golden color, evenly and closely netted. The ribs are quite shallow. The flesh is of exquisite texture, rich and melting clear to the rind. It is a bountiful yielder, though the melons are not large but for early family use, when delicious quality is the desideratum, we cannot too highly eulogize the Newport. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00.

Rocky Ford. By far the most popular sort on the market, and commands higher prices than any other variety. (See front pages for complete description.) Per pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.

Long Island Beauty. On style of Hackensack, but earlier and finer in quality, and the most beautiful musk melon. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.

Osage. Coconut shaped, yellow flesh, light green, netted skin; good quality. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 60c.



Musk Melon, Early Hackensack.

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.

Montreal. Very large, round, netted; flesh thick and light green. 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., 25c.; $\frac{1}{4}$ lb., 75c.



Leek, Large American Flag.

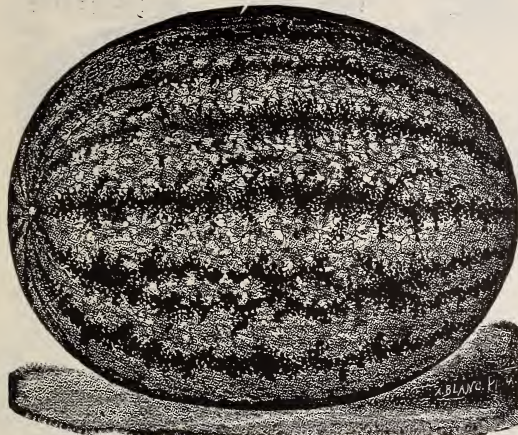


Group of Melons.

WATER MELON.

One ounce will plant about 50 hills.

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



Kolb's Gem Water Melon.

Jordan's Gray Monarch. A magnificent variety of long oval shape, attaining a tremendous weight under favorable conditions. The outer color is mottled gray. The flesh is of a brilliant rosy red in color, of excellent, fine texture, thoroughly melting and of most delicious flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{2}$ lb., 20c.; lb., 60c.

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., 25c.; lb., 75c.

Hungarian Honey. Flesh brilliant red, very small seeds; well adapted for Northern localities. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

Seminole. Very large, medium early, fine flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Pride of Georgia. Dark green color, almost oval in shape; excellent shipping variety. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Cuban Queen. Beautifully striped dark and light green, vigorous in growth; flesh scarlet, crisp and delicious. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Sweet Siberian. Water Melons are very largely cultivated in Southern Russia and this is the finest product of that section. There is no melon will ripen more fruits than this variety. It is a splendid keeper, is extremely sweet, and according to the expressed opinion of one of the largest melon growers in the United States, is unsurpassed in this respect. Per pkt., 15c.; oz., 35c.; $\frac{1}{4}$ lb., \$1.00

Ice Cream (White Seeded). This is one of the best for growing in the latitude of New York. In shape it is almost round; the skin is light green, slightly mottled; flesh bright scarlet, and very solid. Medium size, and its delicious flavor leaves nothing to be desired. 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., 55c.

Dixie. This variety has now been several years on the market and has given universal satisfaction. It is a very prolific bearer, is unsurpassed for shipping purposes, and for private use, owing to its excellent flavor and brilliant color of flesh, is unexcelled. It is medium early in season. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

Volga. Pale green skin; red flesh; late. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

Sweetheart. A perfected form of the old "Ice Cream," possessing all of its good qualities and producing fruits much larger and handsomer in appearance and of most delicious flavor. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Florida Favorite. A superior strain; improvement on Rattlesnake; intermediate. 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., 50c.

Kolb's Gem. Largely grown in the South for shipment to Northern markets; it has no equals 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.

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.

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

Citron. Round and handsome; used for preserves. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

MUSHROOM SPAWN.

10 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 3 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, afterwards 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., \$10.00. | **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 twelve inches apart; thin out to two or three inches. For onions the ground requires to be well manured.

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., 30c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00.

Large Yellow Globe. Similar to the White Globe Onion, except in color. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

Yellow Globe Danvers. Of more globular shape than the preceding; splendid keeper. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

Yellow Danvers. A standard sort; early and a good keeper. Per pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.60.

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., \$1.60.

The Australian Brown Onion is of medium size, wonderfully hard and solid, **extremely early** in ripening, and *never make any stiff-necks or scallons*. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly



Adriatic Barletta Onion.

—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., 25c.; lb., 85c.

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., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

ONION SETS.

Plant onion sets and tops near the service in drills twelve 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 8 to 12 inches apart.

Black or Brown. An esteemed sort for culinary use. Per oz., 5c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

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., 15c.; lb., 40c.

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., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

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.

Extra 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.

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



Fern-Leaved 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 eighteen 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., 45c.

Early Round. Adapted to shallow soil. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

PEPPER.

One ounce will produce about 200 plants.

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

Long Red Cayenne. Fruit about four inches long, bright red color; very productive. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

Cherry Red. Small round fruit, rich scarlet color, and extremely piquant. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

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

Celestial. Fruit is at first yellow, and when fully matured becomes a deep scarlet. 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. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.



Cayenne Pepper.

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Wm. H. Wood & Co.

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., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.

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 Tobacco Sauce. Per pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.

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., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

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 twelve 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 velvet appearance and of superior flavor. Per pkt., 5c.; 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 narrows, 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. Standard, extra early sort, productive and fine flavor. Height, 2½ feet. Per pkt. 10c.; pt., 15c.; qt., 25c.; peck, \$1.00.

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 front pages for description). Per pkt., 10c.; pt., 20c.; qt., 40c.; peck, \$2.00.

Small Early French. The true small French Pea, so largely used in France for canning. Height, 4 feet. Per pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25.

***Alpha.** The earliest wrinkled Pea. Height, 3 feet. Per pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25.

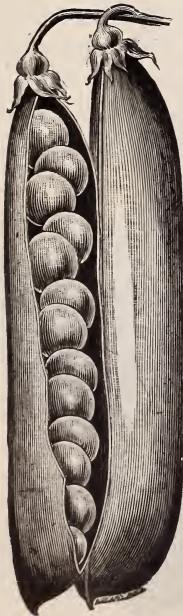
***Exonian.** An extra early new wrinkled narrow Pea. Per pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.25.

***Nott's Excelsior.** A splendid extra early wrinkled new sort, very prolific. Pkt., 10c.; pt., 15c.; qt., 25c.; peck, \$1.25.



First of All Pea.

Duke of York. Very large, long, full pods, and peas of finest flavor. Pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.50.



Alpha Pea.

Alaska. A very early blue pea, very uniform in growth	pkt.	pt.	qt.	peck.
	\$0 10	\$0 15	\$0 25	\$1 00
*American Wonder. Extra early, fine flavor and productive, Height, 1 foot	10	15	25	1 25
*McLean's Little Gem. Extra early, straight pods, very prolific, and of excellent flavor. Height, 1½ feet	10	15	25	1 25

MEDIUM EARLY PEAS.

*Abundance. This variety is remarkable for branching directly from the roots. Excellent quality. Height, 3 feet	10	15	25	1 25
*McLean's Advancer. A standard market sort, long pods, well filled, excellent quality. Height, 2½ feet	10	15	25	1 00
*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. H'th, 2ft.	10	15	25	1 00
*Everbearing. Produces very long pods and large peas. Sow thin. Height, 3½ feet	10	15	30	1 00
*Duke of Albany. Immense pods; first-rate quality. Height, 5 ft.	10	15	30	1 50
*Heroine. Enormously productive, pods large, long, slightly curled, pointed pods, containing from nine to ten large peas of the finest quality. Height, 2½ feet	10	15	25	1 25
*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
*American Champion. One of the largest of all peas, enormously productive, and its flavor and quality closely approach that of the well-known Champion of England. Height, 4½ feet	10	15	25	1 50

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	25	1 25
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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., 25c.; peck, \$1.25.

Black Eyed Marrowfat. Hardy and prolific. Height, 3 ft. Per pkt., 10c.; pt., 15c.; qt., 20c.; peck, 75c.

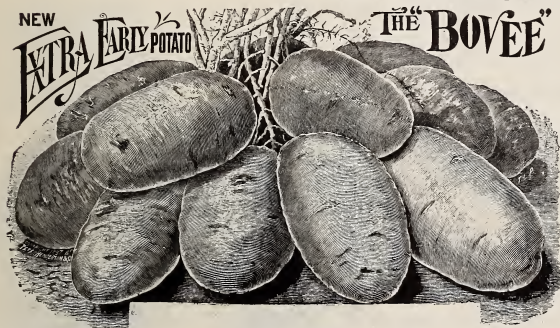
EDIBLE PODDED OR SUGAR PEAS.

Tall Gray Sugar. Produces 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 string bean. The pods when cooked are very sweet and tender. Height, 5 ft. Per pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.75.

Melting Sugar. It is unusually dwarf. The pods are large, remarkably tender, and of delicious flavor. Unquestionably the finest Sugar Pea ever introduced. Height, 1 ft. Pkt., 10c.; pt., 20c.; qt., 30c.; peck, \$1.75.

POTATOES.

Two bushels cut tubers will plant one acre,

**New Extra Early Potato, the "Bovee."**

The earliest of all and a great cropper. It is even earlier than Early Ohio, and compares favorably with Triumph, a light cropping variety that has only extreme earliness to recommend it, while 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, Irish Daisy, Maggie Murphy, Great Divide 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, \$1.00; bush., \$2.50; bbl., \$5.00.

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. In shape it resembles the Early Rose; the eyes are few and shallow. Its table qualities cannot be excelled, cooking dry and floury, whether baked or boiled. Per peck, 60c.; bush., \$1.75; bbl., \$3.50.

Early Puritan. One of the most valuable early varieties, entirely distinct from all other early sorts, the skin being nearly pure white. It cooks dry and floury, and is unequalled in quality. Per peck, 60c.; bush., \$2.00; bbl., \$3.75.

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.

Carman No. 1. Largest size, handsome form, greatest yielder, finest table quality. Per $\frac{1}{2}$ peck, 50c.; peck, 75c.; 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., \$2.00; bbl., \$4.00.

Rochester Rose. Of recent years the Early Rose has not done well in some sections. 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, 60c.; bush., \$1.75; bbl., \$3.25.

New Queen. In shape and color resembling White Elephant; fine quality. Per $\frac{1}{2}$ peck, 40c.; peck, 60c.; bush., \$1.75; 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 ten feet apart, and otherwise treat in the same manner as melons.

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

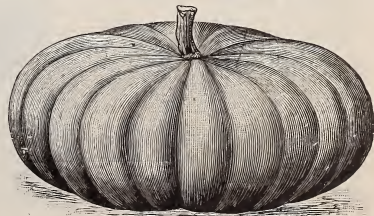
Jumbo. Largest variety grown, often attaining a weight of 200 lbs. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.

Cushaw. Resembling the Winter Crook Neck Squash; color white, striped and mottled with green. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

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., 75c.

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., 20c.; lb., 50c.



Large Cheese Pumpkin.

RADISH.

One ounce will sow about 100 feet of drill.

Culture.—Sow for early crops in March, in a 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., 20c.; lb., 50c.

Scarlet Forcing. Crisp, matures in 20 days. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Scarlet White-Tipped. Fine for early forcing in frames or outdoors. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

Scarlet White Tipped Forcing. Oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

Non Plus Ultra. Extra early Scarlet Forcing variety. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 70c.

OLIVE-SHAPED VARIETIES.

Scarlet. Flesh bright and crisp. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

French Breakfast. A favorite sort, mild and crisp. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 50c.

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

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., 20c.; lb., 50c.

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., 50c.

Giant White Stuttgart. Medium early, large and heavy; pure white throughout; very tender and of delicious flavor. A very popular sort. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 55c.

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., 50c.

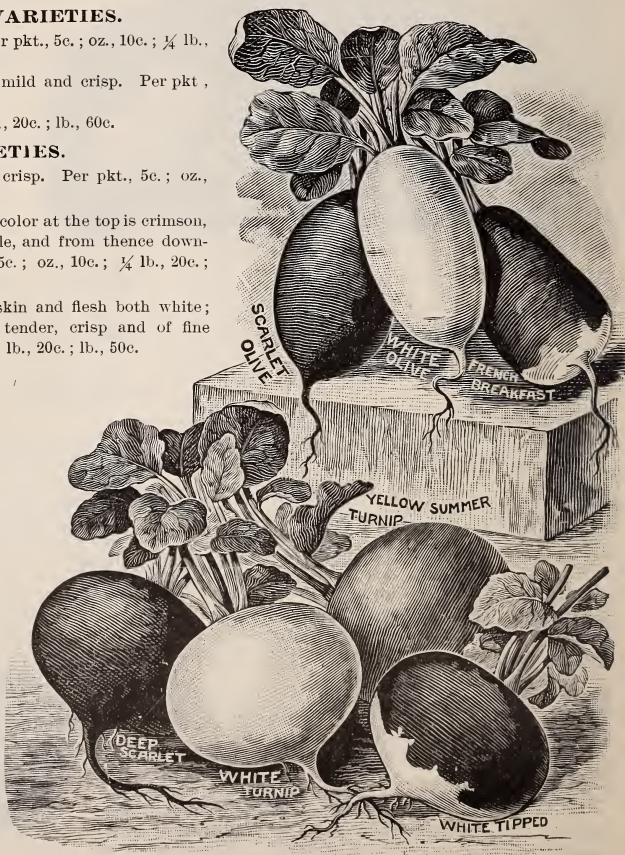
Round Black Spanish. Fine for winter use. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

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., 30c.; lb., \$1.00.

Early Scarlet Globe. Of distinct shape, brilliant color, short-leaved; crisp and white; an excellent variety for forcing. Per pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; 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., 20c.; lb., 60c.



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 OYSTERS.

One ounce will sow about 50 feet of drill.

Culture.—Sow the seed early in spring, in drills twelve 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., 20c; $\frac{1}{4}$ lb., 60c.

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., 50c.

Early Yellow Scallop Bush. Similar to the preceding except in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

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., 50c.

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. 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.

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.



Salsify.



Hubbard Squash.

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., 75c.

Fordhook. The skin is bright yellow; flesh a pale yellow, of a superior quality. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Pineapple. The skin and flesh are of a pure, creamy white color, fine grained, and of excellent quality. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Mammoth Chili. Grows to an immense size, often weighing 200 lbs.; rich orange-yellow. Per pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

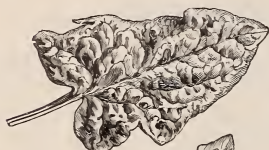
Winter Crook Neck. Splendid for winter; flesh close grained, sweet and of fine flavor. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

Vegetable Marrow. A favorite English and Canadian sort; oblong, from nine to eighteen inches in length. Flesh white, soft and very delicious. Per pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

SPINACH.

One ounce will sow about 100 feet of drill.

Culture.—Sow in March or April in drills one inch deep and fourteen 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.

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 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.

Prickly. Hardy and productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 40c.

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 excellent 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 in 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 plant 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., 5c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.25.

Ignotum. Earliest of the large, smooth, deep red varieties. Per pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.

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

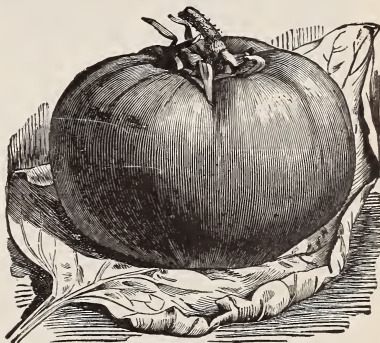
Crimson Cushion. The perfection in Tomatoes. For description see front pages. Per pkt., 10c.; per oz., 40c.; per $\frac{1}{4}$ lb., \$1.25.



Tomato, Stone.

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., 20c.; $\frac{1}{4}$ 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.
- 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., 25c.; $\frac{1}{4}$ lb., 75c.
- Favorite.** Large and most perfect shape; productive and a good shipper. 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., 25c.
- Honor Bright.** Rich, bright red; long keeper and fine shipping sort. Per pkt., 5c.; oz., 30c.
- Golden Trophy, Large Yellow.** It has all the good qualities of the best red varieties, and is of a golden yellow color; useful for slicing and mixing with red varieties for table use. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.
- Golden Queen.** About size and form of Beauty; smooth, golden-yellow. Per pkt., 5c.; oz., 25c.
- Yellow Cherry.** Produces in bunches, used in pickles. Per pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.
- Strawberry.** Small fruit, borne in clusters; used for preserves. Per pkt., 5c.; oz., 30c.; $\frac{1}{4}$ lb., 85c.



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 eighteen 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.

- 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., 50c.
- 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., 60c.
- 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., 40c.
- Red Top Globe-Shaped.** Standard sort in the New York market. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 40c.



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., 50c.
- 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., 50c.
- Long Island Improved.** The best variety offered. Per pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
- 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.

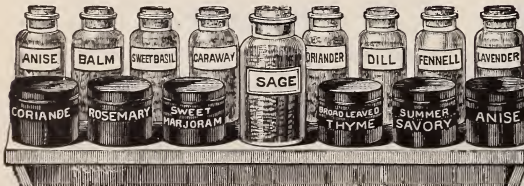


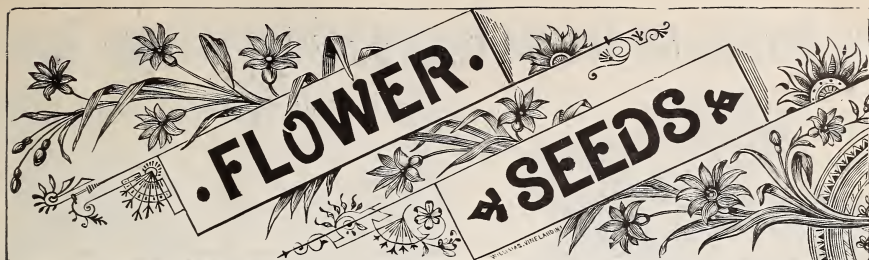
Ruta-Baga—Improved American.

HERBS.

SEEDS OF SWEET, POT AND MEDICINAL.

	Per pkt.	Per oz.	Per $\frac{1}{4}$ lb.	Per lb.
Anise. For garnishing and seasoning		\$0 05	\$ 20	
Balm. Used for balm tea or balm wine		05	20	
Basil, Sweet. Used for highly seasoned dishes		05	20	
Bene. A medicinal plant		05	20	
Borage. Leaves used for salads		05	20	
Caraway. Used for flavoring		05	20	
Catnip. Used for bees	10		50	
Coriander. Used chiefly for garnishing	05		20	
Dill. Used to flavor soups, etc	05	10	\$0 25	\$0 70
Fennel	05	10	25	
Hop Seed	25	1 50		
Horehound. Useful tonic properties	05		30	
	05		20	
Hyssop. For medicinal purposes	05		20	60
Lavender. A popular aromatic herb, emitting a delightful perfume	05		20	60
Marjoram, Sweet. Popular for seasoning	05		20	
Marjoram, Pot. Used for seasoning	05		20	
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	20	60	2 00
Savory, Summer. Used for seasoning	05	15	40	
Tarragon. (Esdragon). True. Used for seasoning	25			
Tansy	05		20	
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 favorites 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.

Hints Regarding Watering Plants and Bulbs.

During dry weather it is necessary frequently to water Lawn and Garden plots. The water used for such purposes should never be colder than the atmosphere. Young plants and bulbs when chilled with *cold water* generally droop and die from the shock.

A good plan is to keep a cask in your garden, filled with water, so that the water may be warmed by the sun, or add sufficient warm water to the well or hydrant water so as to make it the same temperature as the atmosphere.

Floral Novelties and Rare and Valuable Varieties of Flower Seeds



Simple's Giant Aster.

Christmas Tree Aster.

Distinct early blooming race of peculiar habit, branching out horizontally in the shape of a fir tree. It grows about $1\frac{1}{2}$ ft. high and the lower branches have a spread of 2 feet. The flowers are globe shaped, often 80 to 100 appearing on one plant. Mixed colors. Per pkt., 20 cts.

Giant Perpetual Carnations.

This new hardy class combines the perfection of flowers of the Perpetuals with the earliness of the Margaret Carnations, flowering seven months after being sown, and will last until killed by severe frosts; or, if desired, the plants can be potted in the fall, and they will continue to bloom profusely in the house during the winter. The flowers are very large, perfect and double, and have a great variety of colors. Price, per pkt., 10 cts.

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. Above varieties, mixed, per pkt., 10 cts.

Aster, Dwarf Comet Bridesmaid.

A delightful new color, only represented in a few classes of Asters. The flowers open white and change to a charming lilac rose. A remarkable free bloomer, comes true from seed, and produces almost exclusively perfect plants. Per pkt., 25 cts.

Aster, Comet Flowered Lady Aster.

A splendid new and quite distinct variety. Its luxuriance of bloom and maroon lanceolate leaves, as well as the contrast between the fresh light green foliage and the graceful chrysanthemum-like flowers, produce a beautiful effect. Price, per pkt., 25 cts.



Giant Perpetual Carnations.

*Centaurea Odorata.*

Antirrhinum Romeo.

(Snap Dragon.)

An excellent addition to the tall section of Snap Dragons, having beautifully colored flowers of a deep rose, stained flesh color, and spotted with yellow on the lower lip.

Price, per packet, 25 cts.

Centaurea Odorata.

(Mammoth Flowering Sweet Sultan.)

These large flowering varieties are decided improvements on the common Centaureas. The flowers measure from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across, produce a very graceful, airy effect and are deliciously fragrant. They are simply invaluable for cutting for vases.

Margaritae, pure white.

Light Blue.

Chameleon, light yellow and rose.

Price, per packet, 10 cts.

Cineraria Hybrida Grandiflora.

(“Fin de Siecle.”)

Among the numerous varieties of large-flowered Cinerarias the rose shade has hitherto been about the rarest, and by continuous selection, however, the color of this section has at last been fixed. The seedlings bloom in various pretty shades, ranging from light and dark rose to chamois and strawberry red. Per packet, 35 cts.

Helianthus Cucumerifolius.

(Hybrid Flora Plena.)

A new variety of the popular single flowering, miniature sunflower with semi-double and double flowers.

*Cineraria Hybrida* Grandiflora.**White Diadem Pink.*

Dianthus Heddwiggii.

(Diametus Albus Flora Plena.)

DOUBLE WHITE DIADEM PINK.

This type is distinguished from the popular Diadem Pink by the pure white color of its petals, from which stand out those delicate velvety and feathery lines in shield-like form to which the Diadem Pink owes its name, the tints being principally lilac, purple, carmine or blood-red. Per packet, 25 cts.

Mignonette Odorata Maxima Goliath.

Bears very large flowers, the centre spikes being often 8 inches long. The plant grows in candelabra form and produces fiery red flowers on firm upright stalks. **Per pkt., 15c.**

Mignonette Odorata Pumila Erecta Aurea.

Forms bushes two feet in width, often throwing up over 400 upright spikes of massive golden yellow flowers. **Per pkt., 15c.**

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., 10c.**

Papaver Laevigatum Compactum.

A very handsome new sort of Poppy growing about 16 inches high, forming compact bushes, on the numerous slender flower stalks appear blooms of a glowing dark scarlet with black spots in the centre. **Per pkt., 25c.**

Petunia Hybrida Grandiflora Purpurea Alba Maculata.

A deep rich purple flowering Petunia, with a number of sharply defined white spots. A splendid hybrid of great effect. **Per pkt., 25c.**

Petunia Double Lilliput Rosa Bonheur.

A charming new double Petunia, the first self color in the dwarf compact Lilliput class; the flowers being of a most beautiful shade of pure rose. **Per pkt., 25c.**

Phlox Drummondii Nana Compacta "Surprise."

This variety produces plants of the globular habit, characteristic of its class and is covered with brilliant vermilion red flowers, the centre of which is adorned by a pure white star. The color is extremely taking, and renders this variety wonderfully effective for groups or edgings. **Per pkt., 25c.**

Saintpaulia Ionantha Grandiflora Violacea.

In this novelty not only do the flowers come considerably larger than any hitherto known, but they are of an intense dark violet hue, from which the golden yellow anthers, stand out in beautiful contrast. **Per pkt., 25c.**

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.**

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. per pkt., 5c.
Arenaria, lemon-yellow, height, $\frac{3}{4}$ ft. " 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., 10c.



Abutilon.



Aconitum.

ACACIA.

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

ACONITUM. (*Monkshood.*)

Showy hardy plants, growing well in shaded situations.

Napellus (Blue) per pkt., 10c.
Mixed " 5c.

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., 5c.
Double, rose, white or mixed, 1 ft. " 5c.

ADLUMIA. (*Mountain Fringe.*)

Charming climber, beautiful feathery foliage, rose colored flowers. Hardy biennial.

Cirrrosa, 15 ft. per pkt., 10c.



Adonis.

ADONIS.

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

Estivalis (Flos Adonis), crimson, 1 ft. per pkt., 5c.
Autumnalis ("Pheasant's Eye.") Blood-red, black eye, 1 ft. " 5c.
Vernalis (Hardy Yellow Adonis.) Produces large yellow flowers in early spring, $\frac{3}{4}$ ft. " 5c.

AGAPANTHUS UMBELLATUS. (*African Lily.*)

A beautiful tuberous-rooted plant. Blue flowers; tender perennial. 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.

AGROSTEMMA. (*Rose Champion.*)

Showy flowers of various colors borne freely, fine for beds. Hardy perennials, 1 $\frac{1}{2}$ ft.

Mixed per oz., 40c.; per pkt., 5c.
Coeli rosea (Rose of Heaven) rose " 5c.
Coeli rosea (Rose of Heaven) alba, white " 5c.

ALSTROMERIA. (*Pulchella*)

A greenhouse perennial, having brilliant yellow flowers with red streaks. Per pkt., 10c.



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.

	per oz.	per pkt.
Lasseauxi, rose, 2 feet	\$0	05
Albiflorum, very dwarf, white		05
Swanley Blue, large flowered, dark blue		05
Tom Thumb, blue, 3/4 foot	\$0	60
“ white, conspicuous		05
“ Little Dorrit, compact, oval, 6-inch plants, high, and a foot through, blue		05
“ Little Dorrit, white, same habit as blue		05
Imperial, dwarf, blue		05
“ white		05
Dwarf Yellow, delicate chamois 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.

	per oz.	per pkt.
Sweet Alyssum, white, 1 foot	\$0	25
“ (“Little Gem,”) one of the finest of plants for edging or ribbon work	50	05
Saxatile Compacta, hardy, dwarf, golden-yellow	60	05
“White Carpet” (Compactum proembens), pure white, grows only 2 or 3 inches high and flowers profusely		05



Alyssum.

AMARANTHUS.

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

	per pkt.
Cruentus (“Princess’ Feather”), 3 feet	\$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
Melancholicus rubra, red, very showy	05
Henderi, beautiful drooping foliage of rosy carmine, orange, buff, golden yellow and olive green	05
Mixed Varieties	per oz., 20c. 05

AMPELOPSIS VEITCHII. (*Boston or Japan Ivy*)

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

ARDISIA.

Crenulata, a fine greenhouse ornamental plant, with scarlet berries. Per pkt., 10c.

ANGELONIA.

Beautiful for pot culture, with spikes of sweet-scented blue flowers. **Large Flowering.** Per pkt., 5c.



Antirrhinum.

ANTIRRHINUM. (*Snapdragon.*)

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

	per oz.	per pkt.
ANTIRRHINUM, Tall Mixed, 1 1/2 feet	\$0	50
“ Dwarf Mixed, 1 foot	50	05
☐ Majus Romeo (Novelty, see description page 27).		

ANAGALLIS.

Free blooming bedding plants. **Grandiflora Mixed** per pkt., 5c.

ALONSOA.

Tender plants, with small, but remarkably pretty flowers in brilliant colors. **Albiflora**, white per pkt., 5c. **Warszewiczii**, bright scarlet “ 5c.



Amaranthus Tricolor.

AMMOBIUM. (*Everlastings.*)

Beautiful Everlastings, fine for bouquets. Hardy annuals. **Double mixed** per pkt., 5c.

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.



NEW VARIETIES.

(See page 26 for description.)

Dwarf Comet Aster ("Bridesmaid")	price, \$0 25
Lady Aster, comet-flowered, white, with rose	25
Christmas Tree Aster	20

SEMPLE'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	per pkt., \$0 10
The collection of above fine sorts, 35c.	
Above varieties, Mixed	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	Mixed " 05

TRUFFAUT'S PERFECTION ASTERS.

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

White per pkt., \$0 10	Crimson per pkt., \$0 10
Fiery scarlet " 10	Light blue or dark blue, " 10
Blood red " 10	Mixed " 10

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 10	Rose per pkt., \$0 10
Crimson " 10	Azure blue " 10
Dark blue " 10	Light blue " 10
Collection of above six sorts, 50c.	
Mixed	" 5



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 specially valuable for cutting.

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

WASHINGTON ASTERS.

Produce large flowers of perfect form. Height, 2 ft. Mixed per pkt., \$0 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



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.

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

AQUILEGIA. (*Columbine*.)

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

	Per pkt.
Caryophylloides , double striped, 1½ ft.	\$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.

Coronaria , mixed, 1 ft.	per pkt., \$0 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 SIEBOLDII.

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

BALSAM. (*Lady's Slipper*.)

The well-known Balsam, or Lady's Slipper, are one of 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 two feet.

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 *Monordia*.)

*Aquilegia.***BARTONIA AUREA.**

Golden *Bartonia*. One of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer. 1 foot. 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 "Mairrank" odorata. Per pkt., 10c.

*Balsams.*

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, one foot.



Rex Begonia.

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

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

Rex, ornamented leaves of dark green, bronze, gold, red, etc. 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., 10c.

Schmidt, white, very floriferous 25c.

Erfordia, cross between B. Vernon and Schmidt, rosy carmine, free bloomer 25c.

Non Plus Ultra 10c.

Semperflorens fol. aureus 10c.

" Mixed 10c.



Double Daisy.

BELLIS. (Double Daisy.)

The Poet's favorite and one of the most charming spring flowers. Hardy perennial, one-half 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. 1½ ft.

Blue per pkt., \$0 10

White " 10

Rozzli (fine for pots). 25

Mixed Colors " 05

CACALIA. ("Tassel Flowers," "Flora's Paint Brush," etc.)

Very pretty summer-flowering garden plants. Prized for cutting, 1½ feet, annual.

Coccinea, "Scarlet Tassel Flower per pkt., 10c.

Lutea, yellow " " " 10c.

Mixed Colors " 05c.

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 " 25c.; " 5c.

Sulphurea, fl. pl. " 40c.; " 5c.

Nankeen. Colored (Le Proust) " 5c.

CALANDRINIA.

Grandiflora. Very beautiful dwarf -growing annual; in the sunshine the large rose colored flowers expand into a perfect blaze of beauty. 1 ft. Per pkt., 5c.

CALCEOLARIA.

Magnificent greenhouse plants, with large pocket-shaped flowers, which are borne in the greatest profusion in the spring. 1½ ft.

James' Giant Strain per pkt., 25c.

Rugosa, shrubby for bedding 25c.

Hybrida Mixed " 50c.

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. Per pkt., 5c.

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

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



Calendula Meteor.

Coreopsis.



yellow and brown, 2 ft. Per oz., 30c.; per pkt., 5c. **Mixed,** pkt., 5c

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, " " " " $\frac{3}{4}$ ft. Per pkt., 5c.
Calycanthema, 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. (*Tropaeolum.*)

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

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.

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



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 oz., 20c.; per pkt., 10c. **Dwarf.** Large flowering varieties, extra fine. Per oz., 75c.; per pkt., 10c.

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 from finest quality only. Per pkt., 25c.

Giant Perpetual. An improved class of Chabaud carnations. See description page 26. Per 100 seeds, 75c.

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.

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, 1¼ feet.

Mixed. Red, white and flesh colors. Per pkt., 5c.



Marguerite Carnation.

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
Gilbonii , dark purplish red foliage, 6 feet	05
Cambogiensis , leaves bronzy maroon, with red veins, stems black	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; per 1000 seeds, \$1.00.
Gymnocarpa, a graceful, silvery variety, valuable for borders. Per pkt., 10c; oz., 75c.

CENTAUREA ODORATA.

(See description, page 27)

	per pkt.
Margarita , pure white	\$0 10
Light Blue	10
Chameleon , red and yellow	10

CENTAUREA SUAVEOLENS.

Mammoth Yellow Sweet Sultan	05
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CENTAUREA CYANUS—Corn Flower.

(*Ragged Sailor or Blue Bottle.*)

A very popular and easily cultivated flower. Hardy annual.

	per pkt.
Emperor William , blue	\$0 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

CENTRANTHUS.

Very pretty, free flowering annuals, suitable for rockeries and vases.

Mixed colors	05
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CENTAUREA MOSCHATA.

Sweet Sultan, the old garden favorites; blue, white or mixed 10

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 1/4 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 in. high, producing quantities of large single and double flowers 2 in across.
Single Annual Varieties, mixed per pkt \$0 05
Double " " " " " " " " " 05

CIGAR PLANT. (*Cuphea*.)

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

Platycentra, scarlet and white per pkt. \$0 10

CINERARIA.

Magnificent and indispensable flowering plants for spring decoration for the conservatory or window garden. The flowers measure 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	25
Hybrida . Large flowering. Extra choice strain, 2 feet	25
Maritima . The well-known Dusty Miller. Fine for edgings, 1 1/2 feet	05
New Cineraria Hybrida Grandiflora . Fin de Siecle Rose Varieties. (See page 27 for description)	20



Cineraria.



Centaurea.



Clarkia.

scarlet, blotched with black
Punicus per pkt., 10c.

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.)
All-a-Glow, a splendid large-headed dwarf Cockscomb, height 1 foot; immense ruffled combs with edges like scarlet chenille, while the depths are glowing orange scarlet pkt., 10c.
Glasgow Prize, very dwarf; immense crimson combs; 1 ft., " 5c.
Dwarf Mixed, many colors; 1 foot 5c.
 Collection of 6 dwarf Cockscombs, separate colors, 25c.



Celosia.

COLLINSIA.

Mixed Colors Free-flowering, summer-blooming annuals of great beauty, for massing and mixed flower borders; great variety of color—white, purple and crimson predominating, 1 to 2 feet pkt., 5c.

COLONISA.

Coccinea grandiflora, fine for bees; suitable for pot culture; very pretty, pkt., 5c.

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.
Crista galli per pkt., 10c.

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., 50c.

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



Cobaea Scandens

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 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 pkt., 10c.

COLEUS.

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



Clematis.

Columbine (see Aquilege).
Cordylone (see Dracena).
Coreopsis (see Calliopsis).
Cucumber, Wild (see Ehinocystis 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 Pink. Per pkt., 10c.

Mammoth Deep Crimson. Per pkt., 10c.

Mammoth Mixed. Per pkt., 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., 15c.; 2 pkts. for 25 cts.

Dwarf Yellow. Rich golden yellow; large flowers. Pkt. 10c.
Dahlia Flowered Crimson. Very rich color and in form resembling a single Dahlia. Per pkt., 10c.

Giant Early Flowering. Fancy red, pink, white, mixed. Immense flowers, 4 to 5 in. in diameter. Per pkt., 10c.

New Giant Yellow Cosmos, The "Klondyke." This variety from Mexico, now first introduced the past summer, magnificent bright yellow flowers, 2½ to 3 in. in diameter, and was greatly admired. Per small pkt., 10 cts.; 3 pkts. for 25 cts.

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.
White	" 30c.;	" 5c.
Rose	" 30c.;	" 5c.
ly-Leaved. Scarlet flowers	" 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, per pkt., 25c.

Charming Bride. White, per pkt., 25c.

Duke of Connaught. Crimson, per pkt., 25c.

Mont Blanc. White, per pkt., 25c.

Princess May. Pale pink, per pkt., 25c.

Roseum. Bright rose, per pkt., 25c.

Rubrum. Deep red, per pkt., 25c.

Atrorubrum. Brilliant deep red, pkt., 25c.

Suprbum. White, with dark red throat, per pkt., 25c.

Finest Mixed Cyclamen Persicum. pkt., 10c.



Cyclamen.

CONVOLVULUS. (*Morning Glories.*)

These well-known favorites ought to be in every garden. Nothing can be finer for color than a bed of these. Free flowering; of easy cultivation. Hardy annuals.

DWARF BEDDING VARIETIES—Tricolor, mixed, 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. Price, per pkt., 10c.



Cypress Vine.



Datura.

DATURA.

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

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

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

Golden Queen. A magnificent plant for open ground, with most brilliant golden yellow flowers of enormous size, many of them 10 inches long and produced in great numbers. Per pkt., 10c.

DOLICHOS.

(*Hyacinth Bean.*)

Free-growing, beautiful climbers, flowering in clusters, fine for covering screens. Tender annual.

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



Delphinium.

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.

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.

New Dianthus Heddewigii, Diadematus Albus Flora Plena, White Diadem Pink. (See page 27 for description.) Pkt., 25c.

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.



Dianthus.



Hyacinth Bean.

DELPHINIUM.

(*Perennial Larkspur.*)

Magnificent border plants with gorgeous spikes of bloom, varying in shades from the most delicate white to the richest blue. The taller varieties are best for shrubberies, and the dwarf sorts for beds. Hardy perennial.

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

Nudicaule. Fine dwarf scarlet variety, 1 1/2 ft. Per pkt., 5c.

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

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

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

Delphinium, Annual Varieties.
Dwarf or Tall Rocket. Mixed, 2 ft. Per oz., 30c.; pkt., 5c. **Chinese Mixed** Pkt., 5c.

Branching Larkspur. Mixed Colors.

(*Consolida Candelabra fl. pl.*) This splendid class grows to 3 feet high and bears long spikes of flowers on long stems, rendering them of exceptional value for cutting purposes. They are of long-continued bloom, keeping up a bright display until cut down by frost. Per pkt., 10c.

DIGITALIS.

(*Foxglove.*)

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

Purpurea. Mixed. Per pkt., 5c.



Digitalis.



Gaillardia picta.

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.

DRACÆNA.

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

Australis per pkt., 25c.

Veitchii “ 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 ft. 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 annual, 1 to 2 ft.

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.

Golden West. Beautiful. per pkt., 10c.

Mixed “ 5c.



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. Half hardy perennials, 2 ft.

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

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 oz., 50c.; per pkt., 5c.

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

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.

- Zonale, Finest Varieties. Mixed per pkt., 25c.
- Gen. Grant, Scarlet. Fine mixed " 10c.
- Fine Mixed, all colors " 10c.

GLOBE AMARANTH. (Batchelor's Button.)

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

Golden Feather. (See Pyrethrum.)

GODETIA.

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

- Mixed 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 " 5c.
- Dipper Gourds " 5c.
- Miniature " 5c.
- Mixed, all sorts " 5c.



Godetia.

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.
- Muralis. A charming plant, covered with pretty little red flowers, which contrast beautifully with its very graceful foliage. Unsurpassed for small beds, rockwork and baskets. ¾ foot 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. (Althea.)

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

- Double mixed per pkt., 5c.
- Charters, finest mixed. Taken from a collection of named varieties, beautiful colors and all double per pkt., 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.



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.

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.

"Heavenly Blue." Foliage very large, heart-shaped, flowers 4 to five inches in diameter. Per pkt., 10c.

Mixed per pkt., 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.

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 " 10c.

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

KAULFUSSIA.

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

Mixed per pkt., 5c.

Kenilworth Ivy. (See *Linaria cymbalaria.*)

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. 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, ¾ feet.

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. *La 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.

" *Lindleyana.* Beautiful rose " 10c.

" **Erecta Crystal Palace.** Rich blue, fine for edgings " 10c.

" **Royal Purple.** Rich violet-purple, with white eye " 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.



Lupinus.

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.



Nemophila.

MATICARIA.

Capensis ("Double White Feverfew"). Bushy annual garden plant, bearing quantities of white, double, button-like flowers. Per pkt., 5c.



Musa Ensete.

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 per pkt., 5c.

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



Nigella.

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 per pkt., 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 per pkt., 5c.

Monk's Hood (See Aconitum Napellus).

Moonflower (See Ipomoea.). **Morning Glory** (See Convolvulus).

MIMOSA (*Sensitive Plant*).

Very curious annual. The leaves instantly close up when touched. Tender annual.

Pudica per pkt., 5c.

MARIGOLD. (*Tagetes*.)

Among the Marigolds, the African is the most striking in arge 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.
- Eldorado. Yellow " 5c.
- Lemon Queen. Globular flowers, light lemon color " 10c.
- Nugget of Gold. Rich gold color, large flowers " 10c.

French Marigolds, Dwarf.

- Finest French Mixed per pkt., 5c.
- Prince of Orange. Very double, rich orange color " 5c.
- Legion of Honor. Dwarf, compact, about fifteen 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 centre of each petal marked broadly with velvety crimson brown. Per pkt., 10c.
- Gold Margined. Reddish bronze, with gold margin . per pkt., 5c.
- Lutea. Pure yellow, very double " 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. Pkt., 5c.



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.
Allen's Defiance. (See Novelties)		\$0 10
Large Flowering. Common sweet variety	\$0 15	05
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
Golden Queen. Golden-yellow flowers; dense dwarf growth	35	05
Parson's White. Nearly white	75	05



Allen's Defiance Mignonette.



Nasturtiums.

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 vigorous and flowering freely, especially in a poor, rocky soil.

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

Collection of one packet of each of these varieties for 50c.

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.
Bright Scarlet (Coccineum)	\$0 15	\$0 05
Chameleon. Splashed crimson, bronze and yellow	15	05
Dunnetts Orange. Rich golden-orange, garnet blotches	15	05
Eduard Otto. Brownish	15	05
Heinemann. Silky bronze chocolate	15	05
King Theodore. Velvety dark crimson, dark foliage	15	05
Luteum. Pure rich yellow, no blotches	15	05
Pearl. Cream white	15	05
Prinz Heinrich. New; cream color, spotted red	25	05
Regelianum. Purple-violet	15	05
Rose	20	05
Scheuerianum. Straw color, splashed crimson garnet blotches	15	05
Schillingi. Bright yellow, maroon blotches	15	05
Schulze	15	05
Von Moltke. Bluish rose	15	05
Dark Crimson	15	05
Finest mixed	10	55

Collection of one packet each of these varieties for 50c.

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. **Mixed Annual Sorts.** Per pkt., 10c. **Trapæoloides Rosea.** Per pkt., 10c.

OENOTHERA.

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



Nasturtium s.

PANSY. (Viola Tricolor Heart's-Ease.)



Pansy.

This charming flower is too well known to need any description. Hardy annual. $\frac{1}{4}$ foot.

Famous Strains of Mammoth Mixed Pansies.

- 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 blotch or eye. Per pkt., 25c.
- Giant Striped Pansy.** Fancy blendings and markings. Per pkt., 25c.
- Madame Perret.** A new strain of French Pansies, beautifully marked and pencilled, having a larger variety of shades than any other variety. Per pkt., 25c.
- 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 pencillings; ground colors generally light, bringing the elegant markings out in strong relief. Per pkt., 25c.

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
Brawn 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

PARILLA NANKINENSIS.

Ornamental foliage plants of compact habit; leaves dark mulberry color; useful for ribbon effects, $1\frac{1}{2}$ feet. Per pkt., 5c.

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.
Double Lady of the Lake	" 25c.

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	" 25c.
Grandiflora, Double Fringed, Mixed	" 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.



Phlox.

Grandiflora or Large Flowered Phlox.

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

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.

Fireball. Dwarf, brilliant fiery scarlet, fine for edging	per pkt., \$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
Mixed. Above sorts	" 10

Graf Gero Phlox.

A dwarf, very compact growing and free-blooming variety. A very fine 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.
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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.
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PRIMULA.

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, ¾ foot.

Sinensis fimbriata . . . per pkt., 25c.	Red per pkt., 25c.
Blue " 25c.	Mixed " 10c.
Lilac " 25c.	Obconica. (Ever-blooming Primrose.)
Purple " 25c.	Flowers pale lilac, continuous bloomer. Per pkt., 10c.
Rose " 25c.	

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.



Primula.

PORTULACA.

Portulaca cannot be rivaled for their brilliancy of color; they are one of the best varieties of bedding, of the easiest culture, luxuriating in an exposed sunny situation, and producing throughout the summer flowers in the greatest profusion. The Double Portulaca are very beautiful, they somewhat resemble miniature roses. A bed of these in full bloom is magnificent. Hardy annual, ½ foot.

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

POPPIES. (*Papaver*.)

Exceedingly showy annuals, making a gorgeous display in the garden. Splendid for mixed borders. Hardy annual.

The Shirley. A fine and 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
Double Carnation-flowered. Mixed	05
Double Pæony-flowered. Mixed	05
Double Ranunculus-flowered. Mixed	05
Murselli. Very handsome double variety, white and red	10
Murselli, fl. pl. Mikado. Very handsome. Large double white fringed flowers, with a purple margin	10
Double Mixed	05
Oriental. (Hardy Perennial.) Dark scarlet, purple spots	10

PYRETHRUM.

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

Aureum. (Golden Feather.) Bright yellow foliage	per pkt. \$0 05
Selaginoides. Handsome fern-like yellow foliage	10
Single Mixed	05
Double "	05
Parthenium, fl. pl. (Double Feverfew.) Double white	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.

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., 10c.
" alba. White	" 10c.
Mangless	" 5c.
Mixed	" 5c.

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, 1½ feet. Per pkt., 5c.



Pyrethrum, Golden Feather.

Use our "High Grade Central Park" LAWN SEED, if you want to have a beautiful lawn composed of carefully selected varieties of grasses; all RECLEANED SEEDS.

SALVIA.

One of our handsomest summer and autumn flowering plants, growing into compact bushes about 3 feet high and literally ably 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. The spikes 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.

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 foot.

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



Scabiosa.

being much larger and more densely double, and there is also a much larger variety of colors and shades than there used to be.

- Dwarf Large Flowering. Pure white per pkt., \$0 10
- █ Carmine scarlet " 10
- █ Crimson " 10
- █ Rose " 10
- █ Canary-yellow " 10
- █ Shining purple " 10
- █ Blood-red " 10
- █ Light blue " 10
- █ Chestnut color " 10
- █ Finest mixed " 05

Giant Perfection Ten Weeks Stock. This magnificent strain is without a rival for open-ground planting, attaining a height of 2½ ft. 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.
- Dwarf Snowflake. Snow-white flowers " 10c.
- Wallflower leaved. Mixed " 10c.
- Mixed " 05c.



Salvia Splendens.

"Pompadour." The enormous flower heads are quite round; the florets are black-purple at the top, and pure white from the centre to the bottom. It received a Silver Medal in France last August from the "Société d'Horticulture du Rhone," accompanied by the following official statement: "This is certainly the nicest Scabiosa of all varieties known." 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 everyone, 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.

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



Double Stocks.

SWEET PEAS

(*Lathyrus odoratus*.)

These exceedingly beautiful and fragrant hardy annuals are now most popular.

DIRECTIONS FOR CULTURE.—Sweet Peas succeed best in a deep, rich soil. The most approved method of cultivation is to sow in a trench 5 or 6 inches deep, covering them at first with only 1 inch of soil; then, as the plants grow, fill in the earth about them 1 inch at a time. After the plants are well grown up, they should be watered copiously, and bone meal, worked into the soil about

the roots, is recommended. Proper trellis or other supports should be provided.

The first sowing of Sweet Peas may be made very early in the spring, as soon as the frost is out of the ground. For a succession some should be sown every few weeks afterwards. For fall flowering they may be sown as late as July. Then, again, they may be sown late in the fall for very early blooming the following spring, but in that case a dry situation is preferable, and they should be sown 4 or 5 inches deep, and not in the trench method.

PRICES for any of the below-named Sweet Peas, excepting for those individually priced, 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. Or assortments containing—

1	packet	each	of	40	named	varieties,	our	own	selection	..	\$	15
1	"	"	"	20	"	"	"	"	"	..	"	80
1	"	"	"	10	"	"	"	"	"	..	"	40

EIGHTY-NINE NAMED VARIETIES.

All Excellent Distinct Sorts.

- Adonis.** Carmine-rose, very showy.
- Alba magnifica.** Pure white, very large flower.
- Alice Eckford.** Rich, cream-tinted cerise standards, white wings; very beautiful new variety.
- America.** Large, bold flower; white striped with blood-red.
- Apple Blossom.** Bright pink and bluish, beautifully shaded.
- Aurora.** Gigantic expanded shell form; both standard and wings are flaked and striped with orange-salmon on white.
- Blanche Burpee.** Superb, pure white; immense size, perfect form.
- Blanche Ferry.** Large pink and white flowers; very early; free flowering.
- Blanche Ferry Extra Early.** Ten days earlier than any other Sweet Pea.
- Blushing Beauty.** Soft pink, suffused with lilac; extra large.
- Boreatton.** Crimson-purple; very dark, large flowers.
- Butterfly.** Pale gray, with distinct porcelain edge.

Countess of Powis. "For exquisite beauty and delicate finish this lovely variety is unequalled, the color being a glowing orange suffused with light purple, with a beautiful satin polish; novel in the extreme. In size and color this flower is really unique."

Countess of Radnor. Standards delicate lavender; wings dark mauve; lovely.

Creole. Flowers of a most refined, delicate beauty, and averaging three on a stem. The standard is a light pinkish-lavender, while the wings are a pure lavender.

Crown Princess of Prussia. Flesh-pink, tinted with salmon-buff.

Crown Jewel. Creamy white, veined with violet-rose.

Cupid, White. Dwarf white; fine for pots inside.

Cupid, Pink. Like the above, but pink color.



Sweet Peas.

Brilliant. The broad standard is inclined to hood, while the wings are well spread. The color is of a rich, bright crimson scarlet. The wings nearly equal the standard in intense richness of color. The flowers are borne three on a stem, and retain their full brilliancy even under the hottest sun.

Capt. of the Blues. Bright purple and pale blue.

Captivation. This is really a new color in Sweet Peas; a glowing ruby-purple or bright claret. Large shell-shaped standard; a charming novelty.

Celestial. Round shell-shaped flowers; standards delicate lavender blue; wings silvery lavender.

Coquette. Deep primrose, shaded fawn.

Countess of Aberdeen. White, margined with pale pink.

- Delight.** White, slightly crested with crimson; very small flowers.
- Dorothy Tennant.** Very large, round, shell-formed flower of rosy heliotrope, deepening as the flowers age.
- Duke of York.** Bright rosy pink standards; primrose wings, tinted white.
- Duke of Clarence.** Rosy claret; self-colored flowers; extra large.
- Duchess of Edinburgh.** Scarlet and crimson; small flowers.
- 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.** Deep rose-pink, shaded buff; softer in wings.
- Empress of India.** Rose pink.
- Etna.** Brownish-crimson and violet; small and unattractive.
- Fairy Queen.** White, blushed and feathered with pink.
- Firefly.** Intense glowing crimson.
- Gaiety.** Standards white, striped and flaked with rosy lilac; wings delicate blush.
- Golden Gate.** Pinkish-mauve and lavender; upright rolled wings.
- 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.** Large, shell-shaped flower white, with delicately striped and clouded rosy lavender.
- Katherine Tracy.** Exquisite bright pink; a large, perfect flower, very profuse; stands our hot sun without fading.
- Lady Nina Balfour.** Is one of the most exquisite of recent introductions, being exceedingly lovely. In color it is 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 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.
- Lovely.** Pleasing shade of pink; wings delicate rose, a charmingly colored, large grand flower.
- Mars.** Bright fiery crimson, deepening with age; a large, round, expanded standard.
- Meteor.** Standard bright orange-salmon; wings pink-veined.
- Monarch.** Very large, round expanded flower; standard maroon purple; wings plum purple.
- Mrs. Eckford.** A large flower of a charming primrose yellow; strong grower; profuse.
- Mrs. Joseph Chamberlain.** A large, round, shell-shaped flower of fine form; white ground, striped and shaded with bright rose.
- Mrs. Gladstone.** Delicate soft pink, with rosy blush wings.
- Mrs. Sankey.** Largest and best white for florists' use.
- New Countess.** A great improvement on the popular Countess of Radnor, as both standard and wings are a most beautiful, clear, light lavender throughout. It comes absolutely true from seed, and is undoubtedly the best lavender Sweet Pea.
- Novelly.** Standard bright orange-rose; wings light mauve.
- Ovid.** Standards and wings rosy pink, margined rose.
- Painted Lady.** The old pink and white; flowers small.
- Peach Blossom.** Salmon-pink standards; wings soft pink.
- Prima Donna.** Light blush pink; very beautiful; large flower.
- Primrose.** Pale primrose-yellow.
- Prince Edward of York.** Is one of the largest of the new varieties, having finely expanded standards of a charming shade of scarlet, and large wings of the deepest rose color; one of the most effective.
- Purple Prince.** Standard maroon, shaded bronze; wings purple.
- Princess Beatrice.** Delicate blush pink, marked with deeper shades.
- Princess of Wales.** White, striped lavender and mauve.
- 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.** Very large flowers, creamy white, shaded pale pink.
- Red Riding-Hood.** Rosy pink, shading to blush white at the calyx.
- Rising Sun.** Orange and rose, shaded carmine; small, "old style."
- Royal Robe.** Delicate pink standards; wings soft blush pink.
- Royal Rose.** Standards deep carmine rose; wings a charming rosy pink, immense size.
- Salopian.** Flowers are of grand size and well expanded form; standards quite broad, of good substance, slightly pointed with the upper edges well recurved. Coloring is a vivid red, but a darker shade than the scarlet of Firefly. The wings are large, slightly recurved, deep red tinged with rose.
- Senator.** Chocolate and creamy white, mottled and blotched.
- Shahzada.** A decided advance in the direction of dark-colored Sweet Peas. Noticeable for its size, form, and floriferousness. The color, rich dark maroon with a shade of purple, is most distinct and attractive.
- Splendour.** Superb bright rose, shaded crimson.
- Stanley.** Deep maroon self; large and of finest form.
- The Queen.** Mauve and pink.
- Triumph.** Is a flower of enormous size—a veritable giant among Sweet Peas, and also of most attractive beauty. 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

SWEET PEAS IN MIXTURE.

Our Own "High Grade" Mixed. Comprising the finest Eckford and other new and choice large-flowering varieties

Eckford's Mixed. Composed of Eckford's varieties only

Standard Mixed

	Per oz.	Per ¼ lb.	Per ½ lb.	Per lb.
Our Own "High Grade" Mixed	\$0 10	\$0 25	\$0 40	\$0 75
Eckford's Mixed	10	20	30	50
Standard Mixed	10		20	30

SWEET WILLIAM. (*Dianthus Barbatus.*)

A well-known free-flowering favorite, unsurpassed for richness and variety of color. Very effective for bedding. Hardy biennial, one and a half 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.



Torenia Fournieri.

TRAPÆOLUM LOBIATUM.

(*Lobb's Climbing Nasturtium.*)

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	per pkt.,	10c.
Rosea. Bright rose	"	10c.
alba. White, with rosy eye	"	10c.
Mixed	"	10c.

VERBENA.

Well-known and universally admired favorites. They bloom freely and are invaluable for summer decoration. 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
"	"	75c.
Fine Mixed	"	5c.
Lemon Scented (<i>Alaysia Citriodora</i>)	"	10c.

SINGLE SWEET VIOLETS.

(*Double Violets. Do not Seed.*)

Large-flowering. Mixed colors. Hybrids between the sweet violet and the pansy, retaining the delightful 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, blendings, etc. The plants are hardy and vigorous. Pkt., 10c.



COPYRIGHTED BY VILHELM-ANDRUESS GÖTTSCHE

Zinnias.

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.

ZINNIA.

Well-known favorites, suitable for every garden, blooming most profusely from July to frost. Few plants in the flower border are more effective. Should be more extensively cultivated, as the varieties have been much improved of late. Hardy annual.

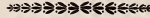
SEMI-DWARF VARIETIES.

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

High Grade Central Park Lawn Grass Seed

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



Sow "High Grade" Central Park Lawn 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 "High Grade" Central Park Lawn 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, 25c. per quart; \$1.50 per peck; \$5.00 per bushel.

How to Make a Lawn.

Nothing seems to give as much satisfaction and appears as pleasing to the eye as the rich, dark green, velvety lawn one sees about the country, and which can be easily secured with very little expense, and but very little exertion, if the following instructions are observed:—In the first place see that your plot is well drained and prepared, by having the ground thoroughly plowed, then harrowed, until the surface is completely pulverized. Add about half ton of ground bone to the acre, and harrow this in before sowing the seed. When the seed has been sown, a light harrow should be applied (or light raking in will answer), in order to protect the seed from the wind or the birds. Then make the surface smooth and even with a roller. When the grass is well grown cut it frequently; the oftener you mow the finer and softer your grass will be. For small plots follow the directions above, using a rake instead of a harrow, and if more convenient the back of a spade can be used to press down the surface instead of it being rolled. Lawn seed may be sown any time during the spring or fall, but advise sowing in the spring. The quantity of grass seed used per acre varies according to mixture, and the quantity required will be found, noted with each variety and mixture.

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 1/4 peck, 6) cents; per peck, \$1.00; per bushel, \$3.50.			



The Result of our
Grass
Seed

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 shall 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, 85c. 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.



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 is 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.

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 and Alsike Clover, blended in proportions which, we have found from actual use, give the most satisfactory results.

On ordinary fertile soil three bushels of this mixture is 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. 20 bushel lots, \$2.45 per bushel
" " " " " Medium soils.	
" " " " " Heavy soils.	
" Orchard and Shady Places.	50 " 2.40 "
" Hay only. Specially recommended for large hay crop.	100 " 2.35 "
" Pasture only. Will stand close cropping without injury.	

GENERAL LIST OF GRASSES AND CLOVERS.

Prices Subject to Change.



Red Top.

CRESTED DOGSTAIL (*Cymosurus 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 bush., \$3.00; per lb., 25c., postpaid.

SHEEP FESCUE (*Festuca Ovina*). An excellent grass for sheep pastures. Per bush., \$2.50; per lb., 25c., postpaid.

English Rye Grass (*Lolium Perenne*). A very nutritious, rapid-growing variety, valuable for meadows and pastures. Per bush. (24 lbs.), \$2.00; lb., 25c., postpaid.

Italian Rye Grass (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. Bush. (18 lbs.), \$2.00; lb., 20c., postpaid.

Rough Stalked Meadow Grass (*Poa Trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. Per lb., 45c., 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; lb., 25c., postpaid.

CLOVERS.

Alfalfa or Lucerne (*California Clover*). A deep, rich soil is best adapted to the cultivation of this plant; in such several crops are produced in a season; 15 lbs. sow an acre; 100 lbs., \$15.00; lb., 25c., postpaid.

ALSIKE (*Trifolium Hybridum*). 100 lbs., \$14.00; lb., 25c., postpaid.

WHITE (*Trifolium Repens*). Per lb., 30c., postpaid.

TREFOIL (*Medicago Lupulina*). Excellent for sheep pasture. Per lb., 30c., postpaid.

MEDIUM RED (*Trifolium Pratense*). Per lb., 15c.; 100 lbs., \$11.00.

CRIMSON (*Trifolium Incarnatum*). Per lb., 15c.; 10 lb., \$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 of 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 lb., postpaid, 25c.; 100 lbs., \$5.00.



English Rye.



Timothy.



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 bush.	Per qt.	Per lb.
Canary Seed. Spanish	\$3 00	\$0 15	\$0 10
" " Sicily	3 00	15	25
Rape Seed. German Summer	3 00	15	15
Hemp Seed. Imported	2 50	10	30
Millet Seed. American	2 00	10	10
Millet Seed. Imported Yellow			10
" " White			25
Maw Seed. Blue			15
Lettuce Seed			30
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 voice and improving their plumage. Price, per bottle, 25c.; by mail, 30c.

Prepared Flocking 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. Price, 1 lb., bottles, screw top, per bot., 35c.; 1 lb. tin cans, 35c.; in bulk, 30c. lb., 4 lbs. for \$1.

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

Washed Silver Gravel for Birds. Prices, qt. boxes, 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 Gold Fish, etc., kept in aquaria or globes. Price, per box, 10c.; doz. boxes, \$1.00. By mail, postpaid.

Prepared Food for Parrots. For Parrots, Macaws, Paroquets, 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 15	\$1 25	\$0 10	\$6 00
Buckwheat	15	1 40	10	6 00
Canada Peas	15	1 50	10	4 00
Canary Seed	15	2 50	10	4 00
English Vetches or Tares	15	3 00	10	6 00
Hemp Seed			\$0 10	\$6 00
Lentils			10	6 00
Millet Seed			10	4 00
Small Corn			10	4 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 on 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; 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 near 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.

CALLINARIAN or COLUMBIAN. The great cure for canker, roup, colds, catarrh, asthma and all diseases in poultry, pigeons, ornamental and cage birds. Price, \$1.00 per bottle.

SUMMER FLOWERING BULBS.



Begonia, Tuberous Rooted.

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.

HYACINTHUS CANDICANS

OR 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 its adaptability to almost all situations, has made it 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. 8c. 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.



Caladium Esculentum

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.



Dielytra Spectabilis.

USE our "High Grade Central Park" LAWN SEED, if you want to have a beautiful lawn composed of carefully selected varieties of grasses; all RECLEANED SEEDS.

CANNAS.

If ordered by mail, add 15c. per doz. for postage.

Cannas should not be planted until the warm weather sets in. If planted too early the bulbs are apt to rot. 15th of May is fully early.

Special Varieties of Recent Introduction.

President McKinley. Pronounced by all the best dwarf crimson bedder introduced. Color a fiery deep crimson-scarlet, the nearest approach to the color of Alphonse Bouvier of any canna we have. 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 $3\frac{1}{2}$ feet at the end of the season on very rich soil. 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. It is one of the showiest varieties. A fine compact, vigorous grower, throwing up numerous immense trusses with flowers of large size. One of the best bloomers and a grand bedder. 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. It is a perpetual bloomer, and the best dwarf Canna in the gilt-edged section. Price, 15c. each; \$1.50 per doz.

NEW ITALIAN ORCHID CANNAS.

The Handsomest Cannas ever put upon the Market.

Italia and Austria.

Leaves Musa-like, almost upright. Stems 9 feet high if grown under favorable condition, 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 $2\frac{1}{2}$ to 3 ft. Color brilliant deep crimson. Broad deep green foliage, narrowly margined with bronze. Standard crimson bedder.

Chicago. One of the best scarlet Cannas. Early, clean and free bloomer. Splendid in every respect.

Columbia. Produces grand branching trusses of large, deep scarlet flowers. One of the finest Cannas when it does well.

Egandale. Height 3 to 4 feet. Color bright, clear crimson, almost identical with Alphonse Bouvier. Deep bronze-green foliage. A clean, vigorous grower which stools rapidly. The freest bloomer of all the bronze Cannas, fully the equal of Mme. Crozy.

Eldorado. This is 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, $2\frac{1}{2}$ to 3 feet in height. The color is a rich, pure, golden-yellow, speckled so slightly with red that the general effect, even at a short distance, is that of a pure golden-yellow.

Paul Marquant. Bright salmon flowers of very large size.

Mme. Crozy. One of the very best. Immense trusses of bright scarlet flowers, with a distinct border of bright yellow, foliage green; 3 feet.

Papa. Considered by many the finest red yet introduced. Grows about 3 feet high, with immense spikes of flowers of giant size and of fine form: heavy light green foliage.

John White. (New Canna.) This is a distinct novelty in the way of Cannas, growing 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 centre of the petals is of a beautiful blood-red, and edge of petals, to the depth of $\frac{1}{2}$ inch, purest, brightest canary-yellow.

Sou. du President Carnot. Brilliant cherry-red flowers. Splendid habit, deep purplish bronze foliage.

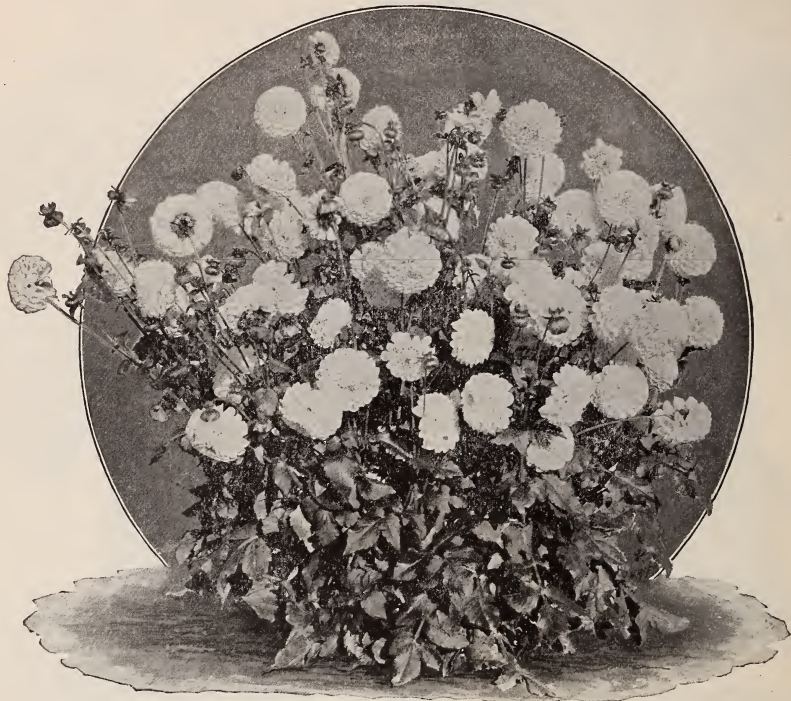
Robusta. This variety, with good cultivation, will grow fully 10 feet high, with immense leaves, 4 feet long by $1\frac{1}{2}$ feet in width, of dark bronze and green colors.

Finest Mixed. Dwarf French Cannas.....50c. per doz.
Tall Flowering ".....50c. per doz.

Price of all 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.



New Snow-white Show Dahlia, Storm King (Blizzard).

The following list comprises only the newer varieties, *avoiding* such sorts which are similar but not as good as those mentioned here, as well as a good many of the older sorts which have been improved upon, 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*.

NINE DAHLIAS OF SPECIAL MERIT.

New Snow-white Show Dahlia, STORM KING (Blizzard).

A companion for the superb pink Dahlia, A. D. Livoni. This superior variety is an extremely early, profuse and constant bloomer, a strong, vigorous grower of dwarf, branching habit, and produces its flowers on long stems. In fact, it combines all the good qualities of A. D. Livoni with an earlier-blooming habit and the production of twice as many flowers on longer stems.

The flowers are snow-white, of perfect form, and full to the centre. As a cut-flower variety it is the florist's ideal, while for grouping or as a specimen plant (see photograph above of a specimen plant in full bloom), as it is far ahead of any other White Show Dahlia. 40 cts. each; \$4.00 per dozen.

ADMIRAL DEWEY. (Decorative.) Brilliant imperial purple. Of fine form; a strong grower, and by far the best of its class. 40 cts. each; \$4.00 per dozen.

CAROL. One of the finest varieties we have ever produced, and *ranks at the head of our prize-winning Pompons*. It is of perfect globular form and uniform, regular size. The color is pure white, delicately edged and tinged clear bright rosy pink. It is a very strong, free grower, and a profuse bloomer. Strong roots, 25 cts. each; \$2.50 per dozen.

DAHLIAS.—Continued.**FOLIIS VARIEGATIS.** The new variegated-leaved Dahlia.

The first and only variegated-leaved Dahlia to succeed in America. It has received great attention at various exhibitions. The plant is a free grower, of branching habit. The leaves are bright, glossy green, heavily margined and tipped creamy white, edged red. It is the most valuable variegated-leaved plant in cultivation, and should be in every collection. It is of easiest cultivation, and being a tender perennial, the roots are simply lifted, stored away for the winter, and planted out in the spring. Thus its position can be changed each year. Unlike other varieties, you do not need to bloom it, for it is always beautiful. When in bloom, the large double white, amber and magenta blended flowers show off the plants to greater advantage. Strong roots, 30 cts. each; \$3.00 per dozen.

VERIDIFLORA (The Green Dahlia). The plant is strong, dwarf and vigorous growing, and extremely profuse in its bloom, being literally covered with the full, green flowers in various stages of development. A most valuable curiosity. 25c. each; \$2.50 per doz.

JOHN H. ROACH. Of medium size; an extremely free bloomer. Color, soft yellow, edged sulphur-yellow. 30 cts. each; \$2.50 per dozen.

LA FAVORITE. The finest pure white Cactus Dahlia to date, pronounced by such florists as the Messrs. H. H. Battles, Robt. Kift, Hugh Graham and Edwin Lonsdale to be equal to the best chrysanthemums as a cut flower. The flowers are of largest size, snow-white, of beautiful fluffy chrysanthemum form. The plant is a profuse bloomer. Strong roots, 25 cts. each; \$2.50 per dozen.

LITTLE BEAUTY. One of the most beautiful quilled Pompon Dahlias ever offered. A perfect shaped flower of a lovely soft pink color; an early, continuous and free bloomer. 25c. each; \$2.50 per doz.

XANTHIA. A noble decorative variety, often measuring 6 inches across; color deep, bright crimson, slightly suffused maroon; each petal is either tipped or banded through the centre with royal purple. One of the most distinct and striking in this beautiful section. Strong roots, 25 cts. each; \$2.50 per dozen.

SHOW DAHLIAS.

This class has large, round and full flowers, all of solid colors, or edged and tipped darker.

NEW AND RARE VARIETIES.

***A. D. Livoni.** Beautiful soft pink, with quilled petals and full to the centre; an early and profuse bloomer.



Amazon. Yellow, edged and tipped bright red; effective.

***Arabella.** 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.

Beauty. Snow-white; of perfect form and good texture.

Blumenfalter. Rosy lavender; densely quilled.

Burgundy. A beautiful purple maroon, flamed crimson; very large—an early and profuse bloomer.

***Captain Jack.** Dark, rich red, shaded maroon.

Colibre. Deep, bright, scarlet; one of the best bedders; dwarf and profuse.

Diadem. Very dark, rich crimson; of fine form.

Duchess of Cambridge. White, suffused pink, tipped and edged shades of purple.

***Density.** As the name would suggest, this variety is the most compact of any in existence, and the petals are so densely arranged that they will last, when cut, longer than any other Dahlia. It is, moreover, a very beautiful flower and a great favorite, as the petals are artistically cleft, resembling a fringed ball; the color is a deep pink.

Emily. One of the best; varies from rosy lavender to white, suffused lavender. A large, beautiful and striking flower.

Hon. Mrs. P. Wyndham. Light yellow, tipped crimson pink, shaded darker.

Honest John. An attractive and distinctly unique variety. Brilliant purple maroon, richly shaded; often mottled, with deep, velvety, black petals; plant dwarf, symmetrical and profuse.

***Japan Pink.** Large, deep pink, with fringed petals resembling a chrysanthemum.

James Vick. Dark, rich purple; profuse blooming; has fine form and long stems.

James Cocker. A pleasing crimson-purple.

John Keynes. Identical with John Bennett.

Lady G. Herbert. White, tipped deep purple.

Miss S. Blanc Pennebaker. A surprisingly lovely variety, and one that always attracts marked attention. The flowers are of perfect form, good substance and exquisite finish; the centre 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.

Miss Valentine. New, large, deep lavender pink; a strong, free grower.

May Oakleigh. Of medium size, deep lilac; a profuse bloomer; has long stem.

Margaret Bruant. Dwarf and free, pure white.

Miriam. Delicate soft pink.

***Miss Florence Shearer.** A lovely new show variety; clear, soft lilac, edged lighter.

SHOW DAHLIAS.—Continued.

- Mrs. David Saunders. White, tipped crimson lavender; of fine form.
- *Model of Perfection. Fine rosy lavender; an extremely profuse bloomer; flowers long-stemmed.
- Mrs. Kendall. White, heavy tipped rosy purple.
- *Nero. Dark crimson maroon.
- *Psyche. Pale primrose, shaded rose; a dwarf branching plant, and one of the most profuse bloomers; an ideal bedder.
- President. White, edged lavender pink; fine.
- Princess Bonnie. A fine large white.
- Queen of Beauties. Clear, rich, sulphur, suffused old gold.
- Red Head. Dwarf, very large; deep red.
- Robina. Crimson pink; of good size and form.
- *Ruth. Pure white, sometimes tinged bluish.
- Ruth de Tour. Bright cardinal red.
- Saturn. Dark crimson; has serrated petals; fine.
- Sport. Pure lavender; of perfect form.
- Thomas Hobbs. A fine, large purple.
- Vice-President. Light salmon, shading to salmon.
- *White Swan. A new variety of great promise; snow-white; of good form.
- Yellow Canary. Pure yellow; very fine.

*Fern-leaved Beauty.*

Price 20c. each; \$2.00 per dozen, by mail, postpaid. By express, 15c. each; \$1.50 per dozen.

NEW AND RARE CACTUS DAHLIAS.

- Bertha Mauley. Scarlet, overlaid crimson purple; beautifully twisted petals.
- *Blanche Keith. Beautiful pure yellow; of largest size; twisted petals.
- *Black Beauty. A grand dark maroon variety of distinct form and great beauty.
- *Cyclops. A distinctly new type of the Cactus form, enormous in size, and as profuse a bloomer as the best show variety; the color is deep scarlet-maroon, becoming much lighter towards the tips as the flower expands; the plant is a very strong, vigorous grower, and the most profuse of all cactus varieties; it is invaluable for specimen plants, cutting or massing; the petals are beautifully twisted.
- Delicata. A beautiful true Cactus variety; light salmon at base of petals, gradually shading off to a lovely, delicate pink.
- Roots of above, by mail, postpaid, 20c. each; by express, purchaser paying charges, 15c. each; \$1.50 per dozen.
- Ernest Glasse. A rich purplish magenta, of true Cactus form; has long stems.
- Gloriosa. Medium to large size, with long, narrow, twisted petals; color deep, bright red, shaded scarlet. Strong plants.
- Juarez. Original Cactus Dahlia; deep scarlet crimson.
- *King of Cactus. Very large; deep magenta, overlaid rosy crimson.
- Lady Montague. A beautifully blended variety.
- Lady H. Grosvenor. Golden amber; of true Cactus type.
- *May Pictor. A fine yellow; pointed petals.
- *Mrs. Peart. A true Cactus variety, creamy white, entirely distinct.
- Mrs. Francis Fell. White, tinted pink; long twisted petals; very free.
- *Mrs. Marsham. Fine, large, reddish salmon.

DECORATIVE DAHLIAS.**ALL EXCELLENT VARIETIES.**

- *Bronze Cactus. A very strong grower, early and profuse bloomer; flowers medium to large, buff-yellow, overlaid and penciled reddish bronze, tipped red; a very rich flower and best of this type.
- *Clifford W. Bruton. The finest pure yellow decorative Dahlia; of immense size, 5 to 6 inches in diameter; of full chrysanthemum form, and full to the centre; a strong, vigorous grower, and an extremely profuse bloomer to have so large a flower. No collection is complete without this superb variety.
- Crimson Giant. Immense flowers, crimson shaded maroon.
- Dr. Whitesides. Very large, of fine form; a beautiful tint of white that is very effective.
- *Fire Flame. Orange buff, edged and flamed scarlet.
- *Henry Patrick. A superb pure white variety, of large size, and borne on long stems; excellent for cutting; strong plants only.
- *Grand Duke Alexis. A magnificent flower of largest size and distinctly unique form, as the petals are rolled up so that the edges overlap each other; the color is pure white, distinctly tinged delicate pink, thus giving a daintiness and grace to what would otherwise be a large, stiff flower; strong plants only.
- *Iridescent. A beautiful decorative variety, the nearest approach to a blue Dahlia; of fine form and good size; an extremely profuse bloomer; the color, when well grown, is exquisitely lovely, being bright orange, overlaid clear red, suffused and margined with pure blue, giving it a soft yet brilliant red and blue effect.
- Lemon Giant. Flowers of immense size, pure lemon, without tint or streak; strong-growing, free-blooming, and always full to the centre; strong plants only.
- Merrifield Beauty. Deep crimson, of good form.
- *Maid of Kent. Cherry red, tipped white; sometimes a solid color, when it is a superb red. (See page 61.)

DECORATIVE DAHLIAS.—Continued.

Mrs. E. C. Monroe. A lovely shade of sulphur yellow, blending to rich cream; the flowers are large, of perfect form, and produced on long stems in such endless quantities as to almost obscure the foliage; the petals are long, of exquisite finish and beautifully reflexed, causing the flower to resemble a large reflexed chrysanthemum.

Miss Barry. A new type, distinct and striking; very large, full to the centre, and of beautiful color; deep rosy lake; petals twisted.

***Mrs. Geo. Reed.** One of the best of this class; pure white, beautifully edged and flaked soft rosy lake; the petals overlap each other, and are deeply cleft.

Mrs. A. W. Tait. Large, pure white, with long fringed petals; of true chrysanthemum form.

***Nymphaea.** 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 centre, resemble the ideal pink water-lily; the color is a clear, distinct, light shrimp pink, tinted lighter toward the centre.

Orange Scarlet. A decorative variety, with orange scarlet flowers, perfectly full to the centre, while the petals are cupped or incurved.

Oban. Very large, rosy lavender, suffused and overlaid silvery spawn.

Price by mail, postpaid, strong roots, 20c. each; \$2.00 per dozen. 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.

***Apple Blossoms.** A very pretty new variety that combines all the shades found in Apple Blossoms, from red, pink and carmine to pure white. The first flowers are deep red-pink and carmine, but as the season advances they gradually open lighter and lighter until they become pure white. 25c. each; \$2.50 per dozen.



Maid of Kent.

Chang. Very large; salmon-buff, striped crimson.

Price, unless noted above, by mail, postpaid, 20c. each; \$2.00 per doz. By express, 15c. each; \$1.50 per doz.

***Red and Black.** A new and entirely distinct combination; deep, glowing crimson, heavily margined jet black; as the flower fully opens the crimson changes to deep wine red and the margin to black maroon; the flowers are of beautiful form; one of the most striking and effective of all Dahlias.

Robert Maher. Very large, of fine form; a fine combination of yellow and red shades.

Rayon d'Or. Rich orange, striped white; sometimes one solid color; very striking.

True Model. Rightly named, of perfect form; color buff, overlaid and suffused reddish bronze; new and distinct; the bronzy Dahlias are very rich in effect, and always admired.

Wm. Pierce. Rich butter yellow; a favorite variety.

***Wm. Agnew.** The grandest red Dahlia ever produced, and one that will eventually find its way into every collection; the flowers are large, sometimes measuring more than 7 inches in diameter, and always full to the centre; of perfect form and exquisite quality and finish, while the color is the richest shade of intense dazzling red; the petals are very long, the outer rows being beautifully twisted; the plant is a strong, symmetrical grower, and, owing to perfect habit, will be especially valuable for every purpose.

***Zulu.** Rightly named "the Black Dahlia"; jet black changing to black maroon as the flowers fully expand; of fine form and full to the centre.

Dandy. Pure pink, striped black; sometimes solid black and occasionally solid pink.

Decorator. White, suffused pink, spotted and penciled with crimson.

***Elegans.** Rosy purple, tipped and banded white; quilled petals.

***Frank Smith.** Rich, dark-purplish maroon tipped pinkish white. A superb flower.

General Grant. Very large; yellow, suffused amber, striped crimson.

Hercules. Very large; deep scarlet, lightly penciled yellow.

Keystone. Pink, striped crimson; large and fine.

Lady Arlington. Dark rich red, tipped white.

Lady Jane Ellis. White, suffused pink, veined purple.

Lottie Eckford. White, spotted and striped pink and crimson.

***Lucy Faucett.** Light yellow, striped rosy magenta.

Mildred. Small; very profuse flowering; scarlet, tipped white.

***Miss Browning.** Of exquisite form; pure yellow, tipped pure white.

Mrs. Stokes. Of immense size; crimson-scarlet, banded and tipped white.

***Picotee.** White, veined and penciled purple.

***Penelope.** White, flaked lavender.

Prince Alexander. Pink, striped and penciled dark red.

***Rose Blanche.** Deep rose, tipped French white.

***Rev. C. W. Bolton.** Straw, suffused amber, striped crimson, sometimes solid crimson; a fine flower.

S. Sickman. Dark maroon, with fringed petals tipped white.

Sunbeam. Rich crimson, shaded maroon, tipped pinkish white.

***Striped Banner.** Crimson scarlet, tipped white.

***Uncertainty.** Varies from white marbled blush and carmine to solid crimson maroon on the same plant, with intermediate variegations.

SINGLE DAHLIAS.

Novelty. Fragrant; new, besides being the first distinctly fragrant Dahlia, it is also a most beautiful fancy single variety. The flowers are of good size and fine, regular form, while the color is bright pink, spotted, penciled and striped deep, rich crimson.

Asteroides (New). Rich crimson, banded white, distinct and striking.

C. E. Varnum. Very large; red, tipped lighter.

Dearest. Pure yellow, tipped and striped white.

Fashion. One of the best high-colored sorts; crimson-maroon, flamed purple; light disc.

Fern-leaved. Red, with fern-like foliage.

Jumbo. Very large, pale yellow, suffused amber, penciled and striped bright red.

Price 20c. each; \$2.00 per dozen, postpaid.

Irene. Flowers small, of perfect form, and very beautiful. The flowers are white, suffused bright pink, spotted and striped deep crimson; distinct scarlet disc around the golden centre. The plant is very dwarf, of compact habit, growing 15 inches high; a free bloomer. Strong plants, 30c. each; \$3.00 per dozen.

Nance. Large; a lovely shade of lavender.

Sunningdale White. Rich creamy white.

Litan. Very large; bright orange-scarlet.

Vernie. A beautiful dwarf, fancy single Dahlia. White, suffused pink; penciled, spotted and striped dark, rich red to bright crimson. Strong plants, 30c. each; \$3.00 per dozen.

By express, 15c. each; \$1.50 per dozen.

POMPON OR BOUQUET DAHLIAS.

Allie Mourey. A very pretty Pompon, of fine form and good habit; pinkish white, tipped deep pink; small, compact flowers.

Beauty Inconstant. A profuse bloomer, always of perfect form and beautiful, yet inconstant in color; yellow margined red, white margined yellow, and sometimes all three colors are beautifully combined in the same flower, the same plant bearing all the types at one time. It is entirely distinct, and one of the loveliest of this beautiful section.

***Eleganta.** A superb quilled variety; soft pink, tipped deep pink, reflex light pink, making a beautiful combination of shades. A constant bloomer, and acknowledged to be the finest of all pink Pompons. 20c. each; \$2.00 per dozen.

E. F. Jungker. A rich shade of amber.

Elfin (New). A dainty little flower; pale primrose, changing to creamy white; full and free.

***Fairy Queen.** Light sulphur-yellow, edged deep peach; beautiful flowers of perfect form, produced on long stems in endless profusion; excellent for cutting. Awarded first prize medal for any color Pompon except white, by American Dahlia Society.

Golden Bedder. Golden yellow, edged orange; very dwarf; profuse bloomer.

H. C. Winters. Pale yellow, tipped fawn; always full to the centre; a profuse bloomer.

Hedwig Pollig. One of the finest of the variegated varieties. White and shades of red are beautifully intermingled in its flowers, which are of perfect form, with fringed petals.

***Little Bessie** One of the finest varieties for garden cultivation and invaluable for cutting. The flowers are densely quilled, perfectly shaped and of a rich, creamy-white; always a mass of bloom. 20c. each; \$2.00 per dozen.

Little Beatrice. Profuse-flowering; pink.

***Little Cactus.** An entirely distinct form; clear, bright salmon flowers of beautiful form.

***Leila.** Flesh, mottled and suffused rich crimson, sometimes a solid light color, at others dark.

Little Prince. Red, tipped pinkish white, sometimes mottled deep crimson and shaded maroon; of perfect shape; an early and profuse bloomer; plant strong and vigorous.

***Miss Lou Kramer.** Base of petals yellow, heavily tipped clear, bright crimson, overlaid bright pink; semi-quilled, reflex fawn. A very pleasing variety, and full to the centre up to the last.

Little Fred. Small; dark red.

Little Frank. Light yellow, edged carmine.

Mattie Mourey. A fine shade of lavender.

Mollie. Pale yellow, tipped amber.

Royalty. Golden yellow, tipped dark, glistening crimson; profuse bloomer.

Price 20c. each; \$2.00 per dozen, by mail, postpaid. By express, 15c. each; \$1.50 per dozen.

All varieties with an (*) are especially fine sorts and most desirable for the home garden.

Prince Charming. White, penciled, suffused and heavily tipped purple-pink; a strong grower, of good form, and blooms until frost.

Red Piper. A dwarf, yet strong grower, of branching habit. The flowers are of good shape and pleasing; dark red of a peculiar shade.



Cactus Dahlia.

Sappho. Very dark velvety maroon, beautifully veined and tipped blush; flowers are sometimes solid blush and solid dark; petals have beautiful fringed edges.

Spring. One of the loveliest varieties in this section; rich buff-yellow, beautifully shaded and tipped bright red-pink and imperial purple. Should be in every collection.

***Snowclad.** The finest white pompon to date. A strong, vigorous grower, of branching habit and such a profuse bloomer as to suggest the name; of perfect form, and always full to the centre. Awarded first prize everywhere.

***Sunshine.** One of the best scarlet Pompons ever raised. Of perfect shape, fine form, good habit and a very free bloomer.

***Teddy.** White, tipped pink.

***Variegatum.** Small flowers. Varies from crimson-maroon and purple to pink-white.

Vashti. Yellow, tipped red; fine.

Virginal. Small, ball-shaped flowers of rich, creamy white; fine variety, of strong growth.

Whisper. Clear yellow, edged with gold; blooms continuously.



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.

NAMED VARIETIES.

- African.** Slaty brown on scarlet ground, streaked with scarlet and pure white.
Angeli. White, showy.
Brenchleyensis. Vermilion-scarlet.
Ceres. White, spotted rose.
Emma Thurston. White, ground, carmine stripes through petals, blotch on the lower divisions.
Eugene Scribe. Beautiful rose, variegated.
Gen. Phil Sheridan. Fire red, white lines running through each petal, and a large pure white blotch on the lower divisions.
Isaac Buchanan. Yellow.
John Bull. White.
La Candeur. White.
Lamark. Cherry, white throat.
Le Poussin. Light red, white blotch.
Lord Byron. Brilliant scarlet, blotched pure white.
Marie Dumortier. White, violet blotch.
Martha Washington. Light yellow, of large size in a well-arranged spike, lower petals tinged with rose.
Meyerbeer. Brilliant scarlet, flamed vermilion, red blotch, finest of all the red Gladiolus for florists' use.
Mme. Monneret. Delicate rose.
Napoleon III. Scarlet, striped white.
Princess of Wales. White, flamed carmine-rose.
President Lincoln. Blush-white ground, suffused with bright rose.
Shakespeare. White, suffused carmine-rose, large rosy blotch; best forcing sort and finest of all the Gladiolus for florists' use.
Snow White. Extra fine.
Sunshine. Yellow, new and of special merit.

Price, any of the above varieties, 10c. each; \$1.00 per doz.

GLADIOLI IN MIXTURE.

White and Light. A choice mixture of seedlings and named varieties. Each 5c.; doz., 40c.; per 100, \$2.50.

Light Colors. No red or dark colors. Each, 4c.; doz., 35c.; per 100, \$2.00; 1,000, \$15.00.

Various Shades of Pink. Each, 4c.; doz., 35c.; per 100, \$2.00.

Various Shades of Red. Each, 3c.; doz., 25c.; per 100, \$1.25.

Various Shades of Yellow. Each, 4c.; doz., 35c.; per 100, \$2.50.

Choice Mixtures. Each, 3c.; doz., 25c.; per 100, \$1.25.

This collection of 23 named varieties mailed postpaid for \$1.50, or 2 collections for \$2.75 postpaid.



Colchicum. Citron, black spots, 85c. ea.

Elegans Erectum (Thumbergianum or Umbellatum). Orange, spotted scarlet 15c. each; \$1.50 doz.

Excelsum. Delicate light buff color. 35c. each; \$3.50 per doz.

Giganteum. Flowers very large, of a creamy white color. \$1.25 each.

Humboldtii. Golden yellow, spotted with purple. 30c. each; \$3.00 doz.

Hansonii. Reddish orange, purple dotted flowers. 85c. each; \$8.50 doz.

Kramerii. Large flowers of a soft rose color. 30c. each; \$3.00 doz.

Leichtlinii. Pure canary yellow, with crimson spots. 40c. each; \$4.00 per doz.

Martagon. Purplish red, spotted with dark purple. 15c. each; \$1.50 per doz.

Pardalinum. Bright orange red, light yellow centre. 20c. each; \$2.00 yer doz.

Parvum. Orange yellow, spotted with purple. 15c. each; \$1.25 doz.

Philadelphicum. Orange red with black spots. 15c. each; \$1.25 doz.

Speciosum Album (Lancifolium). White. 20c. each; \$2.00 per doz.

“ Extra size. 30c. each; \$3.00 per doz.

“ **Præcox.** White. 20c. each; \$2.00 per doz. Extra size, 30c. each; \$3.00 per doz.

“ **Roseum.** Rose. 15c. each; \$1.50 per doz. Extra size, 25c. each; \$2.50 per doz.

“ **Rubrum.** Deep rose. 15c. each; \$1.50 per doz. Extra size, 25c. each; \$2.50 per doz.

Candidum (Annunciation, Madonna, or St. Joseph Lily). The well known garden Lily, pure white, 10c. each; \$1.00 per doz.

Chalcedonicum. 85c. ea.; \$8.50 per doz.

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.

Auratum (The Golden-Banded Lily). Finest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the centre of each petal.

Extra large bulbs, 20c. each; \$2.50 per doz. First size bulbs, 15c. each; \$1.50 per doz.

Batemanni. Bright apricot tinted flowers, 15c. each; \$1.50 per doz.

Browni. Creamy white, shaded with chocolate-brim; an extra large and fine Lily, 70c. each; \$7.50 per doz.

Canadense (Meadow Lily). Yellow spotted, 10c. each; \$1.00 per doz.



Lilium Auratum.



Herbaceous Peony.

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 5c. each for postage.

- Double white, 25c. each; \$2.50 per doz.
 - “ rose, 25c. each; \$2.50 per doz.
 - “ crimson, 25c. each; \$2.50 per doz.
 - “ mixed, 25c. each; 2.50 per doz.
- Arborea (True Peony), mixed colors, \$1.50 each.



Use
Our
“High
Grade
Central
Park”
Lawn
Seed..

LILIES—Continued.

- Speciosum Monstrosum Album.** 20c. each; \$2.00 per doz.
Extra size, 30c. each; \$3.00 per doz.
- Superbum** (Turk's Cap Lily). Deep orange-red, thickly spotted. 15c. each; \$1.50 per doz.
- Tigrinum** (Tiger Lily), orange-salmon. 10c. each; \$1.00 per doz.
- Tigrinum fl. pl.**, double Tiger Lily. 10c. each; \$1.00 per doz.
- Tenuifolium** (Siberian, or Slender Leaved Lily). Brilliant scarlet flowers. 30c. each; \$3.00 per doz.
- Washingtonianum.** Very fragrant flowers; changing from pure white to various shades; purple and lilac. 35c. each; \$3.50 per doz.
- Wallichianum Superbum**—(The East India Yellow Lily). The flowers are funnel shaped, slightly recurved, and from six to twelve inches long. The color of the flowers is most charming, the interior yellow, passing to white and often tinted pink; the exterior is yellow, flushed with purple in streaks; very fragrant. \$1.75 each.



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. Price, 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.



DECIDUOUS HARDY SHRUBS, ETC.

- Amgdalus fl. pl. alba.** (Double White Flowering Almond.) A beautiful early-flowering shrub. 75c. each.
- Amgdalus fl. pl. rubra.** A variety of the preceding with rose-colored flowers. 60c. 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 Virginia.** (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 Hawthorne.) 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.** (Althea, or Rose of Sharon.) Very showy purple flowers. 35c. each.
- Hibiscus foliis variegatus.** Variegated foliage, highly ornamented. 50c. 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 Soulangiana.** Resembling the above, except that the flowers are purple and white. \$1.50 to \$5.00 each.
- Paeonia Moutan.** (Tree Peony.) Very large flowers, of gorgeous colors. \$2.00 to \$3.00 each.
- Philadelphus coronarius.** (Mock Orange or Spring.) 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 Sumac.) Leaves of large size; deeply cut and drooping gracefully. Foliage scarlet in autumn. 50c. each.
- Spiraea Billardii.** Pink-flowered, a late blooming species. 50c. each.
- Spiraea prunifolia fl. pl.** (Plum-leaved Spiraea.) Double white flowers in spiral form. 40c. each.
- Spiraea 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 ft. trees (the best size for transplanting), \$1.50 each.
- Butternut.** Six ft. trees, 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.** 8 ft. trees, price \$1.00 each.
- Oak** (English.) 4 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.
- We have other varieties of Forest and Ornamental Trees. Prices given upon application.



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 80 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 ft., 50c. each, \$4.50 per dozen. Second size, pot grown, 1 to 2 ft., 30c. each, \$3.00 per dozen. Third size, not 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.

Apios Tuberosa. A valuable, hardy, tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich, deep, purple flowers, which have a strong delicious violet fragrance. 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 Siphon (Dutchman's Pipe.) Large heart-shaped leaves. Very ornamental flowers. \$1.00 each.

Aristolochia Siphon (Dutchman's Pipe.) Large, showy, light green foliage, flowers long and pipe-shaped, hence the name.

Bignonia Radicans (Trumpet Creeper.) Scarlet flowers in August. Handsome. 40c. each.

Bignonia Grandiflora (Scarlet Trumpet Vine.) A most rapid grower, flowers in large bunches of a rich orange-scarlet.

Clematis Cocinea. Flowers scarlet. Very choice. 50c. each.

Clematis Flammula (Virgin's Bower.) White, very fragrant. 50c. each.

Clematis Jackmanni. Large purple flowers. A great favorite. 75c. each.

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.

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.

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.

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.

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.



STRAWBERRY PLANTS.

Transplanted Layers.

Strawberries may be grown in any soil that will produce good garden vegetables. A light clay loam, well enriched with rotten barnyard manure, is the most favorable soil for most varieties.

	Per doz.	Per 100.	Per 1000.
Bubach. Pistillate. A leading variety, berries large and handsome, plants of strong growth and exceedingly productive.....	\$0 30	\$1 50	\$10 00
Charles Downing. A well-known and popular family berry of fine flavor. The plants do well in most soils and locations.....	30	1 50	10 00
Cumberland Triumph. An excellent early variety. Berries of fine color, large and of a delicious flavor.....	30	1 50	10 00
Gandy. The berries are of mammoth size and shape, of a bright crimson color. One of the best and finest late sorts. Flavor of superior quality.....	30	1 50	10 00
Jessie. A fine-flavored, firm, early berry. Requires rich soil and good cultivation. Midseason.....	30	1 50	10 00
Lowett's Early. A vigorous, healthy grower. Fruit large, firm, enormously productive. Blossoms perfect.....	30	1 50	10 00
Parker Earle. A robust grower, with perfect flowers and good-sized fruit of fine quality. Rather late.....	30	1 50	10 00
Sharpless. Berries very large, solid and of fine flavor. Plants hardy, very large and vigorous.....	30	1 50	10 00
Haverland. (P.) This variety unsurpassed in productiveness, and gave the first berries as well as the first quarts for the market. The fruit is large, long and very attractive. Plant very vigorous, berries light in color and rather soft and poor in quality, but an excellent berry for near markets. Stand drought well.....	30	1 50	10 00
Greenville (P.) From my short experience with this berry, I think it may be a close rival for the Bubach.....	30	1 50	10 00
The Marshall. (New.) Fruit large and perfect, of a dark, rich crimson color, with large green hull.....	60	4 00	30 00
Timbrell. (New.) Pistillate. The plants are large and strong, foliage of a dark, rich, healthy color. The fruit stalks are unusually strong, and hold the fruit quite free from the ground. Medium to late.....	45	3 00	25 00

RASPBERRIES.

	Per doz.	Per 100.
Brinckle's Orange. Large fruit of a beautiful buff or amber color. One of the richest flavored berries.....	\$0 50	\$3 00
Braudywine. Fruit bright red, very firm and fine flavored, hardy and very productive.....	50	3 00
Cuthbert. Fruit red, large and sweet. Very hardy.....	50	3 00
Gregg. A new black-cap of the largest size, very productive and of excellent quality.....	50	3 00
Hershtine. One of the best half-hardy kinds. A strong grower and good bearer. Fruit large and of a bright crimson color.....	50	3 00

HARDY GRAPE VINES.

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 every where 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.
Iona. Deep reddish bronze. One of the best where it succeeds. 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; \$3 per doz.
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 per dozen.
Niagara, Early. Large, white, tender and sweet, bunches very compact. A popular white sort. 50c. each.
Martha. Very early, large, pale, yellow. Pulpy and very sweet. 35c. each.
Merrimac (Rogers' No. 19). Early, large black. One of the most vigorous and productive. 40c. 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
Kittatiny. A stout, sweet 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

CURRENTS.

Cherry. A strong growing variety. Fruit of the largest size, deep red.....	1 00	6 00
Fay's Prolific. Very large, and exceedingly productive. Bunches of immense size. A popular red currant.....	1 50	10 00
Red Dutch. The most prolific and best flavored of the old red varieties.....	1 00	6 00
White Grape. The best white variety. Berry large, beautiful. Best quality.....	1 00	6 00

GOOSEBERRIES.

Downing. Pale green, large, prolific and good. Best for both 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

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.

Walker's Excelsior Brand

For House Plants.

Price per small packet, 15c. Large size, 25c.

Nitrate of Soda.

Should be sown broadcast, and it is very important to sow it evenly. Two or three pounds on a square rod will be beneficial. 5 lbs., 25c.; 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.25. Subject to market changes.

Raw Bone Meal.

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., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

Sheep Manure.

Especially recommended for Roses and Flowering Plants. Sheep manure is one of the very best fertilizers we have used, either in liquid form or mixed with the soil at the time of planting. We have proof of the power of sheep manure as a fertilizer if we look at the crops of grain produced on land that has been pastured with sheep. Ground fine, per 2 lb. box, 15c.; 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.10; 100 lbs., \$2.00.

THE MAPES MANURES, SUPERPHOSPHATES, Etc.

Potato Manure.

Ammonia, 4.50 to 5 per cent.; Phosphoric Acid, 8 to 10 per cent. (soluble and available, 8 per cent.); Soluble Potash, actual, 6 to 8 per cent., all as high grade Sulphate and in forms free from Muriates (or Chlorides); Magnesia, Lime, etc., 77 to 81 per cent.

For Irish and Sweet Potatoes, also for Asparagus, Early Vegetables, Tomatoes, Sugar Beets, Fruits, Sorghum, Sugar Cane, Sweet Corn, etc. Price, per 100 lbs., \$2.50; per 200 lbs., \$4.25; per ton, \$39.00.

Fruit and Vine Manure.

Ammonia, 2 to 3 per cent.; Phosphoric Acid, 7 to 9 per cent. (soluble and available, 5 to 7 per cent.); Soluble Potash, actual, 10 to 12 per cent., all as high grade Sulphate and in forms free from Muriates (or Chlorides).

For insuring Fruiting Power, particularly in Quality of Fruit in Vineyards (Grapes), Pears, Apples, Plums, Strawberries, and all small fruits. Is slow in effects. Price per 100 lbs., \$2.25; per 200 lbs., \$4.00; per ton, \$37.00.

Vegetable Manure, or Complete Manure for Light Soils.

Ammonia, 6 to 8 per cent.; Phosphoric Acid, 8 to 10 per cent. (soluble and available, 6 to 8 per cent.); Soluble Potash, actual, 6 to 8 per cent., all as high grade Sulphate, and in forms free from Muriates (or Chlorides).

This is our Special Manure on all kinds of soils, for Truck, Early Vegetables, Onions, Celery, Tomatoes, also on light soils for Oats, Hops and Barley.

All vegetables require liberal supplies of soluble potash, and in the proper forms. Even with heavy or clay soils the natural supplies of potash are insufficient. Price, per 100 lbs., \$2.50; per 200 lbs., \$4.25; per ton, \$41.00.

Grass and Grain Spring Top Dressing.

Ammonia, 6 to 7 per cent.; Phosphoric Acid, 6 to 8 per cent. (soluble and available 5 per cent.); Soluble Potash, actual, 7 to 8 per cent. Price, per 100 lbs., \$2.50; per 200 lbs., \$4.25; per ton, \$40.00.

The above Manures and Superphosphates are fine, dry, in superior mechanical condition for use in machine drills, or for application by hand. They are free from stickiness and dampness. Packed in bags weighing 200 lbs. each. Two or more bags will be sold at the ton rate. Each bag is plainly branded, besides having a tag attached, upon which is printed the **Guaranteed Analysis and full directions for use.** The basis of the Mapes Manures is Bone; no Rock used. For full descriptions see Descriptive Pamphlet, **Mailed to all applicants.**

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 1000 to 1500 lbs. per acre, or a smaller quantity for renovating an old one. Price, 4 lb. pack, 15c.; 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; per ton of 2000 lbs., \$40.00.

Electric Fertilizer.

Guaranteed to contain phosphoric acid 9 per cent., sulph. of ammonia 5 per cent., sulph. of potash 7 per cent., also sulph. of magnesia, lime, soda, sulph. acid, etc.

Ten days after use this Fertilizer will show its beneficial nourishing action on the plants. It contains ingredients which by means of a chemical treatment will continue to benefit the plants for a whole year. Price per 5 lbs., 25c.; 100 lbs., \$3.00; bags containing 200 lbs., \$5.00; per ton, \$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, 25c. and 35c.

Corn Manure.

Ammonia, 3 to 3.50 per cent.; Phosphoric Acid, 10 to 12 per cent. (soluble and available, 8 to 10 per cent.); Soluble Potash, actual, 6 to 7 per cent.

Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet, Late Turnips, Late Cabbage, and Seeding to Grass. Price, per 100 lbs., \$2.00; per 200 lbs., \$3.5; per ton, \$34.00.

Complete Manure ("A" Brand).

Ammonia, 3 to 4 per cent.; Phosphoric Acid, 12 to 16 per cent. (soluble and available, 10 to 12 per cent.); Soluble Potash, actual, 3.50 to 5.50 per cent.

Specially adapted for use in hill or drill on all crops, particularly in connection with farm manures. Special for Peas, Beans, Buckwheat and Turnips. Price, per 100 lbs., \$2.00; per 200 lbs., \$3.75; per ton, \$35.00.

Complete Manure (for General Use).

Ammonia, 4 to 5 per cent.; Phosphoric Acid, 10 to 12 per cent. (soluble and available, 8 to 10 per cent.); Soluble Potash, actual, 4 to 5 per cent.

A substitute for stable manure. For use on all crops and all soils with or without Stable Manure. Use broadcast; if any in hills, use sparingly. Special for Oats, Hungarian Grass, Vegetables, Melons, Tomatoes, and Seeding with or without Grain. Price, per 100 lbs., \$2.25; per 200 lbs., \$4.00; per ton, \$38.00.

Cereal Brand.

Ammonia, 2 to 3 per cent.; Phosphoric Acid, total, 8 to 10 per cent. (soluble and available, 6 to 8 per cent.); Soluble Potash, actual, 3 to 3.50 per cent.

For Wheat, Rye, Corn, Oats, Buckwheat, and all farm crops, particularly where farm manures are used. Specially adapted for use in hill or drill. Price, per 100 lbs., \$1.75; per 200 lbs., \$3.00; per ton, \$28.00.

INSECTICIDES.

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, $\frac{1}{2}$ pint tin, 50c.; pint, 75c.; quart, \$1.50; $\frac{1}{2}$ gallon, \$2.75; gallon, \$5.00.

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, $\frac{1}{2}$ lb. tins, 25c.; 2 lbs., 75c.; 5 lbs., \$1.70; 10 lbs., \$3.25. By express only, the purchaser paying carriage.

Fostite.

A famous French preparation, containing silicate of magnesia and copper sulphate. It is a powder. Price, 5 lb. package, 50c.; 25 lb. box, \$2.00; 50 lb. box, \$3.50; 100 lb. box, \$6.50.

25 lbs. per acre for grapevines, for each application.

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, lb., 40c.

Rose Sulpho-Tobacco Soap, for plants, trees, cattle, poultry, etc., packages, 10c.; per doz. pkts., 75c.

Tobacco Dust, 1 lb., 10c.; 5 lbs., 25c.; 100 lbs., \$3.50.

Whale Oil Soap, 1 lb., 20c.; 5 lbs., 50c.

Persian Insect Powder, for roaches, ants, fleas, etc., lb., 50c.

Flowers of Sulphur, for mildew, lb., 10c.; 5 lbs., 40c.; 10 lbs., 60c.; 100 lbs., \$5.00.

Paris Green, lb., 25c.; 5 lbs., \$1.00

London Purple, lb., 20c.; 5 lbs., 90c.

Slug Shot, 5 lbs., 30c.; 10 lbs., 50c.

Grape Dust, for mould, mildew or rust mites, either in greenhouse or open air, 5 lbs., 30c.

Rose Leaf Extract of Tobacco, pt., 30c.; qt., 50c.; gallon, \$1.50; 5 gallons, \$5.00.

Tobacco Stems.

Indispensable for fumigating greenhouses and conservatories—for the destruction of green and black aphid, and other insects. Price, 50 lb. bale, \$1.00; 100 lbs., \$1.75.

Dampen thoroughly a few hours before using, place about half a pound over a handful of shavings in a fumigator, and light.



Para Green.

As effective as Paris Green. Kills the bugs without injury to the foliage. Price, lb., 25c.; 5 lbs., \$1.00.

Nikoteen. An economical and powerful Nikotine extract, pt., \$1.50; case, 10 pts., \$13.00.

Gishurst's Compound, for green fly, mildew, thrip, mealy bug and scale, lb., 50c.

Hellebore, for currant worms, lb., 25c.; 5 lbs., \$1.00.

Pillar Catter, for preventing insects crawling up trees, yard, 15c.

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.; $\frac{1}{2}$ gallon, \$1.25; gallon, \$2.00.

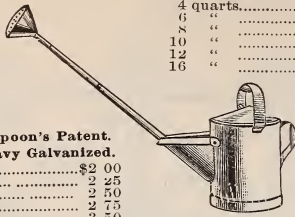
Permol Kerosene Soap. One of the best remedies against all kinds of insects, especially scale; a superior winter wash against San Jose scale, lb., 25c.; 5 lbs., \$1.00.

Weed Destroyer, quart can, sufficient to make 6 gallons of liquid, 50c.; gallon can, sufficient to make 25 gallons of liquid, \$1.25; 5 gallon keg, sufficient to make 125 gallons of liquid, \$1.00.

Aphia Brand (Tobacco and Whale Oil Soap mixed), for insects on plants, poultry and cattle, cake, 25c.; box, 6 cakes, \$1.25.

WATERING POTS—GALVANIZED.

4 quarts.....	\$0 35
6 ".....	0 50
8 ".....	65
10 ".....	75
12 ".....	1 00
16 ".....	1 25



Wotherspoon's Patent. Very Heavy Galvanized.

6 quarts.....	\$2 00
8 ".....	2 25
10 ".....	2 50
12 ".....	2 75
16 ".....	3 50

Common Sense.

2 quarts.....	\$0 50	4 quarts.....	\$0 75
6 ".....	1 00		

CANE STAKES OR REEDS.

6 to 8 feet long, per 100, 80c.; per 1,000.....	\$7 00
8 to 10 " " \$1.00; " ".....	8 00

PLANT SPRINKLERS.

6 ounce, 60c., by mail.....	65c.
8 " 75c., ".....	80c.



PUTTY BULBS FOR GLAZING.

\$1.00. By mail, \$1.05.

DAHLIA POLES.

Heavy, Painted Green Tapering.

Height, 2 ft.....	per doz., 40c.; per 100, \$3.00
" 3 ft.....	60c.; " 4.50
" 4 ft.....	80c.; " 6.00
" 5 ft.....	\$1.00; " 7.50
" 6 ft.....	1.25; " 9.00

PLANT STAKES.

Round, Tapering and Painted Green. The neatest and best Plant Stake made.

Height, 1½ ft.....	per 100, \$1.50
" 2 ft.....	2.00
" 2½ ft.....	3.00
" 3 ft.....	4.00
" 3½ ft.....	5.00
" 4 ft.....	6.00
" 5 ft.....	7.00

PRUNING SHEARS.

Solid steel.....75c., \$1.00, \$1.25, \$1.50 and \$1.75 per pair.



Pruning Knives.....75c., \$1.00 and \$1.50 each.
 Budding Knives.....50c., 65c., 75c., and \$1.00 each.

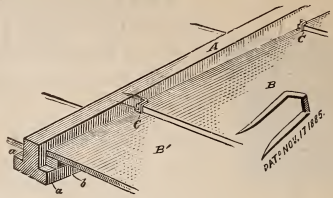
CLEVELAND LAWN WEEDER.



The only practical device on the market.

Cleveland Lawn Weeder 50c.

VAN REYPER'S PERFECT GLAZIERS' POINTS.



Endorsed by leading florists. Try them and you will use no other. Made of steel wire and galvanized, no rights and lefts; over 8,000,000 in use. Made in four sizes; Nos. 1, 2, 3, 4 Price, per box of 1000, 65c.; mail, 75c. per 1000; Pincers, for driving the points, 50c.

RUBBER HOSE.

The Rubber Hose we offer is all made of the best Rubber and will outlast cheap hose ten times over. We guarantee our "Greenhouse" and our 4-ply Special Hose, and will replace same if returned within reasonable time, in season, and found to have any defects, the fault of the manufacturer.



Price, Greenhouse Brand, ¾ in., 25 ft., \$4.00; 50 ft., \$8.00 coupled.
 Special 4-ply.....¾ in., 25 ft., \$2.50; 50 ft., \$5.00 coupled

WATER'S TREE PRUNERS.

4 ft.....	75c.	10 ft.....	\$1.10
6 ft.....	85c.	12 ft.....	1.25
8 ft.....	95c.		

JONES' HOSE MENDER.

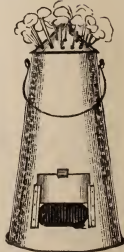


Price..... per dozen, 50c.

EUREKA FUMIGATORS.

For Fumigating with Tobacco Stems.

No. 1—Holds ½ peck stems.....	\$1.50
No. 2—Holds 1 ".....	2.00
No. 3—Holds ½ bushel stems.....	2.50



CYCLONE SPRAY PUMP.

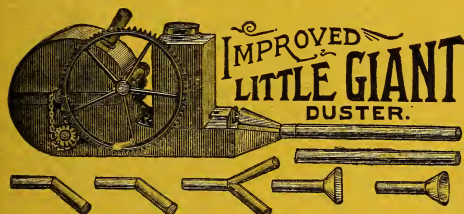
A marvelous Insect Exterminator; throws a spray as fine as mist and is therefore more effectual than any other spray pump, and only uses about one-tenth the liquid.



No. 1. All tin. Each\$0 50
 " 4. " copper. Each 1 00

LABELS.

Wood, pot, painted, 4 in.....per 100, 10c; per 1000, \$0.75
 " " 4 1/2 in..... " 20c; " " .90
 " " 5 in..... " 15c; " " 1.00
 " " 5 1/2 in..... " 15c; " " 1.25
 " " 6 in..... " 20c; " " 1.50
 " " 7 in..... " 25c; " " 2.00
 Wood, tree, 3 1/2 in. pierced..... " 10c; " " .60
 " " notched..... " 10c; " " .60
 Celluloid Plant Labels, notched, 2 3/4 in. long by 3/4 in. wide, \$2.50 per 100.



Each machine furnished with two tubes, two nozzles and strap, weight, 5 lbs. Price, \$4.00.

GRAFTING WAX.

In 1/4, 1/2 and 1 lb. packages.....per lb., 20c; 10 lbs., \$1.80.

RAFFIA.

The best tying material for plants.....price, per lb., 25.

WOODASON'S BELLOWES.



FOR POWDER AND FLUID.

Single Cone for Powder—

Small size..\$1.00 each.
 Large size.. 1.75 "

For Liquid—

Small size..\$1.25 each.
 Large size.. 2.00 "

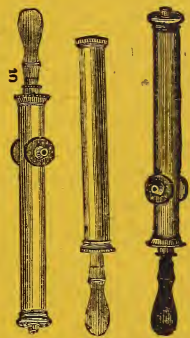
HEDGE SHEAR.



8-inch blade, plain, each.....\$1 25
 9 " " " " 1 50
 10 " " " " 1 75

SYRINGES, Solid Brass.

No. A. Barrel, 12 inches long, 1 spray and 1 stream rose..\$2.00
 No. 2. Barrel, 13 1/2 inches long, 1 coarse and 1 fine spray, and 1 stream rose... 3.50
 No. 10. Barrel, 18 inches long, 1 coarse and one fine spray and 1 stream rose with patent valves and elbow joint..... 5.50
 No. 11. Same as No. 10, without valves..... 4.50
 No. G. Barrel, 16 inches long, 1 spray and 1 stream rose and elbow joint..... 4.00
 No. H. Barrel, 18 inches long (sheet brass), 1 stream rose. 2.25
 Syringe Vaporizer, Zinc, for applying fluid, insecticides or fungicides..... 1.00



BURLAP MATS.

For Protecting Cold Frames and Hot Beds.

These are 6x6 feet square, made of strong burlap bagging, warmly lined with waste wool and cotton, which is quilted in to hold position. They are excellent substitutes for straw mats, being, if anything, warmer than straw, more easily handled, less bulky, and they do not harbor mice or other vermin. We were afraid that they would hold moisture, and either rot or mildew, but our trial for two winters proves them to be far more durable than straw mats. Price, \$1.25 each; \$12.00 per dozen.



"STANDARD" FLOWER POTS

We pack carefully, but will make no allowance for breakage.

Breakage is not one-half as great as in other pots, the deep rim protecting them. The foot keeps the pot up from the bench, so that it is impossible for hole to become clogged. The concave bottom and large hole insure perfect drainage,

STANDARD FLOWER POTS.

	Doz.	100	Doz.	100
2 in....	\$0.12	\$0.75	6 in....	\$0.75 \$4.25
2 1/2 " ...	15	.90	7 " ...	1.25 6.50
3 " ...	20	1.25	8 " ...	1.50 9.00
4 " ...	35	2.00	10 " ...	3.00 18.00
5 " ...	45	2.75	12 " ...	4.00 27.00

ROUND SEED OR LILY PANS.

H'gt.	Width.	Doz.
4x8 inches.....		\$1.50
5x10 "		1.75
6x12 "		2.00
7x14 "		2.25
8x16 "		2.50
9x18 "		3.75

SQUARE SEED PANS.

	Doz.
6x6 inches...\$2.00	
8x8 " ... 2.50	
10x10 " ... 3.00	
12x12 " ... 3.50	

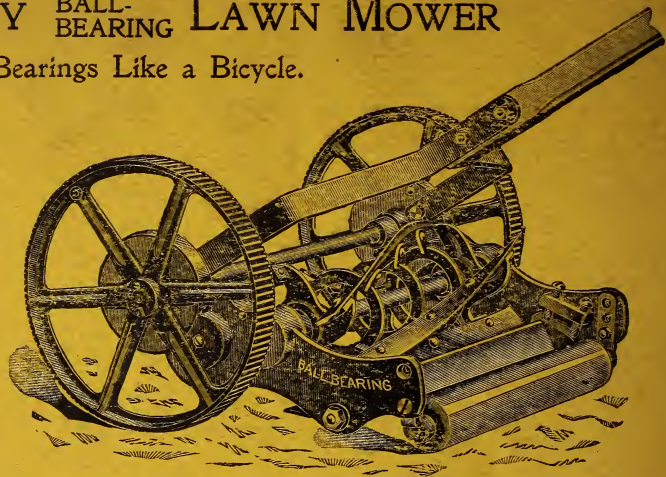
COMMON FLOWER POT SAUCERS.

	Doz.	Doz.
4 inch.....\$0.25		9 inch.....\$0.85
5 "30		10 " 1.00
6 "35		11 " 1.25
7 "40		12 " 1.50
8 "50		14 " 1.75

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 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 enclosed, so that no dirt or cut grass can find its way into the pinions and clog them.

A Solid Rectangular Frame, which, by loosening twisted or jarred parts, is bound 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 ten-

fold, 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.

Micrometer Adjustment for Cones and Ball Cups.

The slight wear of the cones, balls and cases, consequent upon long continued use, is perfectly compensated for by two screws (other machines have six, and some ten to accomplish this in parallel bearings).

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 50	20-inch cut	\$11 50
16 " "	9 50	22 " "	12 50
18 " "	10 50	24 " "	13 50

List of Prices.

25-inch Cut, with Shafts and side-draught attachments	\$45 00
30-inch Cut, with Seats, Shafts and side-draught attachment	60 00
35-inch Cut, with Seat, Shafts and side-draught attachments	70 00
40-inch Cut, with Seat, Shafts and side-draught attachment	90 00
Horse Boots in sets of fours	8 00

HAND-LAWN ROLLERS.

15-in. diam., 15-in. wide, 2 sect. 150 lbs.	\$8 00
15 " " " " " " " " " " " "	22 " 200 " 10 00
20 " " " " " " " " " " " "	16 " 2 " 225 " 12 00
20 " " " " " " " " " " " "	20 " 2 " 350 " 13 00
20 " " " " " " " " " " " "	24 " 3 " 300 " 15 00

