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Gardiner's

SUPERB
FRENCH
& AMERICAN

HYBRID
GLADIOLI

SPECIAL OFFER

It is impossible to imagine anything more brilliantly beautiful than

GARDINER'S

Selected French and American Hybrid

GLADIOLUS

They are simply unsurpassable; they comprise the pick of hundreds of the newest and best varieties of American and French origin. Colors endless in variety, superb form, immense spikes and perfect habit.

PRICE OF BULBS POST PAID

6	for	40c
12		75c
25		1.40
50		2.50

PRICE OF BULBS BY EXPRESS

50	\$	1.75
100	\$	3.00
1000	\$	25.00

JOHN GARDINER
& CO.

Seed Growers

1891 IMPORTERS
AND
DEALERS

OFFICE & WAREHOUSE
21 North 13th St
PHILADELPHIA, PA. U.S.A.

Stock & Seed Farm Downingtown, Pa.
Trial Grounds Radnor, Pa.

GARDINER'S STAR COLLECTION OF SUMMER BLOOMING GLADIOLI.

The following choice assortments of named Gladioli are put up in boxes, each bulb carefully labelled, and each variety distinct and different. To get the greatest contrast and variety of color possible in a limited number of sorts, has been our aim in selecting the varieties. Mailed free at prices quoted. Single bulbs of any variety, 10c.

OUR ★ STAR COLLECTION NO. 1.

10 FINE NAMED VARIETIES FOR 50 CTS.

1. CERES. Pure white, spotted with purplish rose.
2. EUGENE SCRIBE. Tender rose, blazed with carmine.
3. GENERAL SHERMAN. Fine scarlet, large.
4. ISAAC BUCHANAN. Yellow, very fine.
5. JOHN BULL. White, lightly tinged with sulphur.
6. LAMARCK. Cherry, blazed with red, large, pure white stain, long spike.
7. LE POUSSIN. Light red, white blotch.
8. MARIA DUMORTIER. White, slightly streaked with rose, violet purple blotch.
9. MADAME MONNERET. Delicate rose.
10. NAPOLEON III. Scarlet striped white.

OUR ★ STAR COLLECTION NO. 2.

10 FINE NAMED VARIETIES FOR 75 CTS.

1. AMBROSE VERSCHAFFELT. Rosy carmine, flamed with garnet; large rose blotch.
2. ANTONIUS. Scarlet, flamed carmine; pure white blotch.
3. COURANTI FULGENS. Dark crimson.
4. FELICIEN DAVID. Cherry, feathered light carmine; large white blotch.
5. JAMES VEITCH. Bright crimson; violet blotch.
6. MARGARITA. White ground, slightly suffused with light carmine.
7. MEYERBEER. Brilliant scarlet, flamed with vermillion; amaranth blotch.
8. NESTOR. Light yellow, lower petals darker, striped red.
9. OVIDE. Splendid spike of carmine red flowers, with a lilac sheen, flamed towards the edges with garnet red; pure white blotch.
10. PRINCESS OF WALES. White, flamed with carmine rose; deep carmine blotch.

★★ OUR DOUBLE STAR PACKAGE.

20 VARIETIES FOR \$1.00.

To those wishing the complete list of 20 named varieties, as above, we will supply the same to one address. One bulb of each, all correctly labelled, free by mail for one dollar. We anticipate a run on this ** double star package (the most remarkable offer ever made in Gladioli), and would therefore advise early orders as we do not expect our stock, large though it is, to hold out to the end of the season.

GARDINER'S SELECTED GLADIOLI.

In Separate Colors for Bedding or Forcing.

	EACH.	DOZ.	100.
White and light grounds (no dark colors),	\$0 07.	\$0 70	\$5 00
Pink of various shades and markings,	5	50	3 50
Red and scarlet, various shades (no light colors),	3	30	2 00
Striped and variegated, mostly dark grounds,	3	30	2 00
Yellow and yellow grounds, various markings,	5	50	3 50

Mailing, 5c. doz. on the above.

GARDINER'S SUPERFINE MIXTURE OF ALL COLORS.

We call your attention on cover of this catalogue to this mixture. No picture can do these superb flowers full justice. They are simply grand. For price, etc., see cover. We have also a cheaper mixture, which, although not so fine as the foregoing, is yet of a very superior character and surpasses the "best" of many dealers. We sell it as

GARDINER'S FINE MIXED.

We guarantee this mixture to contain not more than 10 per cent. of the red Brenchleyensis. Where a large showy bed is wanted at a low cost, this mixture will prove very satisfactory. 25c. doz., \$1.50 per 100, \$12.00 per 1,000. Mailing, 5c. doz.

EXCELSIOR PEARL TUBEROSES.

Dwarf-growing, with long spikes, very double. Fine large bulbs, 35c. doz., \$2.50 per 100. Mailing, 10c. doz.

PEARL TUBEROSE.

SEEDS FREE BY MAIL.

ordering, etc., see page 80 of this Catalogue. (except where otherwise noted).

All seeds in packets and ounces are sent free by mail, at prices quoted. For further details as to terms, instructions for

Bulbs and plants at single and dozen rates are also free by mail

DISCOUNTS

On packets as offered at page 80 do not apply to seeds in bulk nor to the following Novelties in* packets: Jewell or Ball Aster, Zulu King Aster, Princess or Snowball Aster, New Double Annual Chrysanthemum, New Hybrid Cape Primrose (*Streptocarpus*), Collections of Night-Blooming, Æsthetic and Old-Fashioned Flowers. We cannot afford the discount on these novelties, as they are sold so close to cost that we get little more than a new dollar for an old one, even when we sell at net prices without discount.

OUR ANNUAL FOR 1891.

as well as large orders. Send for something. give you good service.

From among the immense variety of rare, beautiful and useful things for the Garden and Farm, which we have the pleasure of laying before you in the following pages, we feel sure that each and every person who gets this Catalogue must find something to order. We welcome small

Order early. Order liberally. We are in better shape than ever to

BEAUTIFUL . . . JAPANESE . . . LILIES.

Imported direct from the Japanese Bulb Farms by JOHN GARDINER & CO., Seed Growers, Importers and Dealers, Philadelphia, Pa., U. S. A.

"QUEEN OF LILIES."

THE GOLDEN-RAYED LILY OF JAPAN (*Lilium auratum*).—Ivory-white, thickly strewn with purple studs, with a broad band of light golden-yellow extending from tip to base of each petal. Very large and fragrant. We offer again this season a splendid stock of sound, well-ripened bulbs, our own direct importation from Japan, at a price which places this beautiful Lily within reach of all. Each 20c., doz. \$2.00; mailing, 3c. each.

ROSE-COLORED JAPANESE LILY.
(*Lilium Kramerii*.)

ROSE-COLORED JAPANESE LILY (*Lilium Kramerii*.)

One of the rarest and most delicately beautiful of the Japanese Lilies. It is indigenous to the mountains of Senano, in the island of Nipon, and also to the hills near Kioto, at an elevation of three to four thousand feet above sea level. Quite distinct in character from any other lily in cultivation, the foliage and stem resemble a slender growing *auratum*, the flowers are of a lovely rose color and of the form shown in the engraving; sweet-scented, chaste and refined in form. The bulbs of *Kramerii* are about the size of a walnut—bulbs even smaller than this will produce a flower—and require the same treatment as *auratum*. Customers who were disappointed on account of the scarcity of the bulbs last season will please send in their orders early. Standing orders will receive first attention as soon as the bulbs arrive (about January 1st). Each 30c., doz. \$3.00; mailing, 10c. doz.

SPECIOSUM GROUP OF JAPANESE LILIES.

SPECIOSUM RUBRUM (Syn. *Lancifolium rubrum*).—White, heavily spotted with rich crimson. The *Speciosum* and its varieties are magnificent border plants, and are also excellent for pot culture. Each 15c. doz. \$1.50; mailing, 2c. each. Extra Selected, each 25c. doz. \$2.50; mailing, 3c. each.

SPECIOSUM ALBUM.—Large white flowers, with a greenish band running through the centre of each petal: very fine. 25c. each, \$2.50 per doz; mailing, 3c. each. Extra selected, 40c. each, \$4.00 per doz.; mailing, 4c. each.

Speciosum roseum.—White, stained and spotted rose. 15c. each, \$1.50 doz.; mailing, 2c. each.

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BY A. BLANC PHILA.

LILIUM.

SPECIOSUM

SPECIOSUM PUNCTATUM.—Blush ground, spotted with crimson; a distinct and charming sort, distinguished for its delicacy and distinctness of coloring, as well as for its grace of form and fine substance. 50c. each, \$5.00 doz.; mailing, 2c. each.

DWARF OR BUSH BEANS

Green Pod Varieties.

EARLY MOHAWK.

Early Yellow Six Weeks.—Full, flat pods; early; productive; excellent. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

IMPROVED EXTRA EARLY RED SPECKLED VALENTINE.—At least 10 days earlier than Early Red Valentine; ripens in 35 days; unexcelled for market purposes, on account of its extreme earliness. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

Early Red Speckled Valentine.—Round, green pods; early and tender; good for string or pickling. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Early Mohawk.—Long, straight, flat pods; early, hardy and productive. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

EXTRA EARLY REFUGEE.

BEST OF ALL.—Long, fleshy, succulent pods; stringless and well flavored; early; prolific; a superb sort either for home use or market. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Extra Early Refugee.—Large; productive; hardy; tender, fleshy pods; a great improvement on the old Refugee. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Early China.—Early; prolific; good for string or shell. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

LOW'S CHAMPION.—Long, handsome pods; superb quality, either green or ripe; productive; vigorous; free from blight; very hardy; a superb new bean; string or shell. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

Improved Dwarf Horticultural (syn. *Goddard, Boston Favorite*).—Large; early; excellent for market; splendid shell bean. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Wonder of France.—Long, straight, bright green pods; retains its beautiful green color even when cooked; early; productive; one of the finest shell beans. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

EMPEROR WILLIAM OR BROAD SWORD.—The largest podded bush bean; early; prolific; good quality; enormously large, flat, green pods. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

White Marrowfat.—One of the best for use in a dry state in winter; fine bearer; excellent quality. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

White Kidney.—Excellent shell bean, green or ripe. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

Navy Field.—Well-known standard sort for field culture. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

BEST OF ALL.

Burlingame's Medium Field.—A favorite sort in the great bean-growing districts of New York; early; productive; fine quality. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

Prolific Tree Field.—One of the most prolific varieties in cultivation; of very erect habit; good quality. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

HENDERSON'S BUSH LIMA.—A dwarf variety of the Sieva or Southern Lima. The bushes are about 15 or 18 inches in height, and require no stakes. It is remarkably early; very productive and undoubtedly one of the most valuable vegetable novelties recently introduced. The beans shown in the detached pod in the engraving are natural size. Pkt. 10c., qt. 75c. Mailing, 15c. qt.

Special Prices on large quantities to Market Gardeners and others on application.

DWARF OR BUSH BEANS

Wax Pod Varieties.

WAX BEAN**YOSEMITE MAMMOTH**

YOSEMITE MAMMOTH WAX BEAN.—The forerunner of a race of giants amongst beans and universally conceded to be the nearest to perfection that Nature has yet given us. The pods are solid pulp; absolutely stringless; the thickness of a man's finger, and 8 to 10 inches in length; they are of a rich golden yellow and cook tender and delicious, altogether a magnificent introduction. Pkt. 10c., qt. \$1.00. Mailing, 15c. qt.

NEW GOLDEN EYED WAX BEAN.—Pods handsome golden yellow; tender, succulent and without spot. Rust-proof; extremely early vigorous grower; great bearer; splendid new sort. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

NEW BLACK EYED WAX BEAN.—A cross between the Black Wax and Golden Wax; early;

vigorous; heavy cropper and splendid quality. A distinct advance on both parents. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

GOLDEN WAX.—Round golden wax pods; early; prolific; stringless; a standard variety. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

NEW BLACK-EYED WAX.

IMPROVED PROLIFIC BLACK WAX.—Round wax pod: stringless; prolific; early; greatly improved strain. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

White Wax.—Flat, stringless pods; prolific; excellent. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Crystal Wax.—Almost transparent waxy white pods; fine flavor; excellent for canning. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Ivory Pod Wax.—Delicate waxy pods; fine flavor; matures in 40 days. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

CRIMSON FLAGEOLET WAX.—Large; succulent; tender; remarkably productive, and rust-proof. Magnificent variety, either for home use or market; pods often a foot in length; early as golden wax. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Dwarf Mont D'or.—Remarkably early; vigorous; productive; laden with yellow pods. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

WARDWELL'S DWARF KIDNEY WAX.—Earlier and better than Golden Wax; rust-proof; vigorous; productive; pods large; showy; tender, and stringless.

Excellent flavor and good either for snap or shell. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

GRISWOLD'S EVER-BEARING WAX.—Distinguished for its ever-bearing character, fine quality; early, fine yield. Pkt. 10c., qt. 50c. Mailing, 15c. qt.

WARDWELL'S DWARF

KIDNEY WAX BEAN.

▲ BEANS ▲

POLE OR RUNNING.

EARLY GOLDEN CLUSTER WAX.—Long golden yellow pods, borne in clusters; extra early; stringless, snaps easily; vigorous, prolific, popular; quality tender, delicious; begins to bear early in July and, if picked, continues till frost. Pkt. 10c., qt. 50c. Mailing, 15c. qt.

BEST OF ALL.—One of the finest pole beans of recent introduction; pods medium length, round, beautiful light green—almost crystal—entirely stringless; remarkably rich, tender and buttery when cooked; fit for use when only 2 or 3 inches long; tender and rich flavored even when fully ripe; extremely productive and good for a string bean *even in winter*; very scarce. Pkt. 10c., qt. 50c. Mailing, 15c. qt.

Golden Andalusia.—Pods broad, flat, entirely stringless, 5 or 6 inches long; rich, buttery, fine flavor; enormously productive. Pkt. 10c., 6 pkts. 50c., 12 pkts. \$1.00.

LAZY WIFE.—Large pale green pods; very thick meated; stringless; rich, tender and buttery; ripens early; clings well to the pole; enormously productive; splendid either as a snap or shell bean; retains its exquisite flavor until nearly ripe. Pkt. 10c., qt. 50c. Mailing, 15c. qt.

Dutch Caseknife.—Long green, flat pods; good for either string or shell; early, excellent. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Horticultural or Speckled Cranberry.—Popular, profitable, excellent for string or shell. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Southern Prolific (syn. Kentucky Wonder).—Long round pods, produced in clusters; a splendid string bean; early, prolific profitable. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

Black Wax.—Pods yellow, thick, tender, excellent; good snap bean. Pkt. 10c., qt. 35c.

Scarlet Runner.—Very ornamental on account of its bright scarlet flowers; also a good string bean. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

White Runner.—Similar to the preceding; flowers white. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

BEST OF ALL POLE.

LIMA ▲ BEANS.

EXTRA EARLY JERSEY LIMA.—In size and appearance about the same as Large White Lima, but 10 to 14 days *earlier*. Pkt. 10c., qt. 60c. Mailing, 15c. qt.

LARGE WHITE LIMA.—One of the best shell beans; matures in 90 days; very popular. Our seeds are extra selected, large and fine. Pkt. 10c., qt. 40c. Mailing, 15c. qt.

KING OF THE GARDEN LIMA.—When green much larger in pod and bean than the Large White Lima; vigorous, productive, handsome, popular. Pkt. 10c., qt. 40c. Mailing, 15c. qt.

DREER'S IMPROVED LIMA.—A smaller bean than the Large White Lima, but earlier, more productive and better quality. Pkt. 10c., qt. 40c. Mailing, 15c. qt.

HENDERSON'S BUSH LIMA.—(See page 2.) Pkt. 10c., qt. 75c. Mailing, 15c. qt.

EXTRA EARLY JERSEY LIMA.

Truckers and Other Large Growers

Who use Beans in large quantities, will please write us for special prices, as we are in a position to supply the choicest stock in quantity at wholesale rates. When writing state kinds and quantities wanted.

Tested and Proved!

The Wonderful Bush Lima.

The past two seasons' experience with this splendid vegetable has in every way borne out the claims of its introducers for earliness, fine quality, evenness of growth and dwarf habit. It is a splendid acquisition. Every body should grow it. See page 2.

EXTRA EARLY ECLIPSE BEET.

YELLOW TURNIP BEET.—Tender and good. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

DEWING'S.—Turnip-shaped, early, blood red, good flavor; fine market sort. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

IMPROVED LONG SMOOTH BLOOD.—Large, late, deep blood-red, popular, profitable, good. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

SWISS CHARD (Silver or Sea Kale Beet).—Cultivated for its leaves only, the midribs of which are cooked like asparagus. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

FIELD BEETS AND MANGEL WURZEL.

For Stock Feeding, etc.

(See Farm Seed Section.)

BROCCOLI.

EARLY WHITE CAPE.—Heads medium, compact; creamy white. Pkt. 10c., oz. 40c.

EARLY PURPLE CAPE.—Greenish purple heads; hardy; good flavor. Pkt. 10c., oz. 40c.

BRUSSELS SPROUTS.

IMPROVED DWARF.—The standard sort. Pkt. 5c., oz. 15c.

DALMENY PARK.—A hybrid between the Savoy Cabbage and Brussels Sprouts. Pkt. 5c., oz. 20c.

EDMAND'S TURNIP BEET.

SELECT A TABLE A BEETS.

For Home Use or Market.

EXTRA EARLY ECLIPSE.—Smooth, globe shaped, extra early, intense deep red, small top and root; popular, profitable, tender, delicious. Pkt. 5c., oz. 10c., lb. 60c. Mailing, 8c. lb.

LENTZ EXTRA EARLY.—Round, smooth, very dark red, tender and sweet; a little larger than the Egyptian, fully as early and better quality; small top and fine keeper. A great favorite in the Philadelphia market, and one of the best round beets in cultivation. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

EDMAND'S.—This new beet is very deep blood-red in color, and exceedingly sweet and tender in quality; very round and smooth in shape; of good marketable size, not growing over large and coarse, as many sorts of the turnip beet are apt to do where they have plenty of room; highly recommended as second early market variety. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

EGYPTIAN.—Flat turnip-shaped; extra early; deep red, tender and sweet. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

BASSANO.—Flat, turnip-shaped; light red; early; popular. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

EARLY BLOOD TURNIP.—Good form, dark red, well flavored; a favorite for summer and winter use. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

BASTIAN'S.—Turnip-shaped, extra early, light red; popular, profitable; delicious flavor. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

SCRYMGEUR'S GIANT.—Very compact, close headed variety. Pkt. 5c., oz. 25c.

BORECOLE OR KALE.

SCOTCH CURLY KALE. (Bonaccord Strain).—This is an extensively grown variety in Aberdeenshire, Scotland, where it reaches great perfection. It is a very distinct sort, half dwarf, and very curly. In vigor, hardness, fine habit and handsome appearance, unsurpassed. Our strain of seed is true and extra select. (See colored illustration on cover.) Pkt. 5c., oz. 15c.

DWARF GREEN CURLED SCOTCH.—Very hardy; a standard variety; may be treated like spinach. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

TALL GREEN CURLED SCOTCH.—One of the best. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

SIBERIAN OR GERMAN.—Sow in fall for spring use; treat same as spinach. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

VARIEGATED.—For garnishing; very ornamental. Pkt. 5c., oz. 25c.

DWARF GREEN ERFURT.—Light green, very fine. Pkt. 5c., oz. 25c.

DWARF BROWN.—Very hardy. Pkt. 5c., oz. 20c.

IMPROVED DWARF BRUS. SPROUTS.

EARLY WHITE CAPE BROCCOLI.

TESTED RELIABLE CABBAGE SEED.

FIRST EARLY SORTS.

THE IMPORTANCE OF GOOD RELIABLE CABBAGE SEED.

THERE is no vegetable in which the character of the seed is of more importance than this, and great care has to be taken in selecting the seed from the most compact and best-formed heads. American-grown seed from the Eastern States is much superior to that which is imported, and commands a better price.

EARLY ETAMPES.

GOOD SEED;

Deep, rich soil; plenty of manure; thorough cultivation. These are the cardinal points in raising a good crop of cabbage.

Our cabbage seeds are saved with scrupulous care from the best selected heads and are second to none in quality.

SECOND EARLY SORTS.

Henderson's Early Summer.—A little later than WAKEFIELD; larger; more globe-shaped; good header; rarely bursts; popular. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00. Mailing 8 cts. per lb.

Early Winningstadt.—Large; conical; sure header; succeed well on all soils. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.45. Mailing 8 cts. per lb.

Large Early Schweinfurt.—A large early sort; excellent for summer and fall. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75. Mailing 8 cts. per lb.

Filderkraut.—Larger than WINNINGSTADT; more conical and has few outside leaves; a favorite for "kraut." Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75. Mailing 8 cts. per lb.

Fottler's Brunswick.—The earliest of the large heading Drumhead section; small stem; sure header; very popular. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00. Mailing 8 cts. per lb.

Newark Early Flat Dutch.—Perhaps the finest strain of second early in cultivation; large solid heads; very popular among truck farmers. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00. Mailing 8 cts. per lb.

All Seasons.—As early as Henderson's Summer; larger heads and good for late as well as early; solid; handsome; extra fine. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00. Mailing 8 cts. per lb.

LARGE EARLY LONG ISLAND WAKEFIELD.—This fine strain is not only the largest Wakefield in cultivation, it is equally as early as the earliest Jersey Wakefield and a most reliable header. The heads are not so pointed as the Jersey type, partaking more of the rounded form from having been crossed with the Flat Dutch for size. Highly recommended. Pkt. 10 cts.; oz. 40 cts.; lb. \$3.00. Mailing 8 cts. per lb.

EXTRA EARLY EXPRESS.

EXTRA EARLY EXPRESS.—This fine new cabbage, although not so large as the JERSEY WAKEFIELD or ETAMPES, is about a week earlier. It has but few outside leaves and may be planted very close, thus yielding splendid crops. Excels all other varieties in earliness, and is unsurpassed for forcing. Pkt. 5 cts.; oz. 20 cts.; lb. \$2.00. Mailing 8 cts. per lb.

Early Etampes.—A very fine heart-shaped early cabbage. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75. Mailing 8 cts. per lb.

Early Jersey Wakefield.—The standard early; conical in shape; medium-sized heads; very solid; few outside leaves. Our seeds are saved from carefully selected heads and is very choice stock. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00. Mailing 8 cts. per lb.

Early French Oxheart.—An early variety of good size and shape; hard solid heads. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.00. Mailing 8 cts. per lb.

Early Paris.—A favorite early of the gardeners who grow for the Paris market; oxheart in shape. Pkt. 5 cts.; oz. 20 cts.; lb. 75 cts. Mailing 8 cts. per lb.

Early York.—A well-known popular early sort. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75. Mailing 8 cts. per lb.

NEW LARGE EARLY LONG ISLAND WAKEFIELD.

TESTED RELIABLE CABBAGE SEEDS.

LATE SORTS.

STONEMASON DRUMHEAD.—About a week earlier than *Premium Flat Dutch*; large; solid; sure header. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

PREMIUM FLAT DUTCH.—Excellent winter sort; large; sure header; popular, profitable. One of the very best late cabbages. Largely grown in the south. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

VANDERGAW.—For a main crop and late cabbage this variety is unrivalled. Heads large, deep green, very tender, crisp and delicious; hard heading; reliable. Pkt. 10c., oz. 35c.

HYDE PARK.—A selection from *Flat Dutch*; medium to late; very large, deep head, slightly rounding; fine texture; rarely bursts. A reliable variety for burying over winter. Excellent either for market or home use. Pkt. 10c., oz. 35c.

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; is a magnificent cropper, has few outer leaves, and will give 99 out of every 100 large, solid, hard heads. We can thoroughly recommend this as one of the most satisfactory late cabbages in cultivation. Pkt. 15c., oz. 75c.

SAVOY CABBAGES.

EXTRA EARLY PARIS.—A new French strain; very fine quality and beautifully crimped; early; solid; one of the best. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

Early Ulm.—Very early and of fine quality. Pkt. 5c., oz. 15c., lb. \$1.40. Mailing, 8c. lb.

AMERICAN IMPROVED.—Sweet, tender, sure header; very popular. Pkt. 5c., oz. 25c., lb. \$2.00. Mailing, 8c. lb.

Drumhead.—A standard late sort; fine quality; hard header and good keeper. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

MIDSUMMER SAVOY.—This is a distinct and useful sort, being but little later than the *Early Ulm*, and producing heads of nearly double the size. The heads are beautifully netted, and are of a delicate light green color; a handsome new sort, hard heading and excellent. Pkt. 10c., oz. 35c.

AMERICAN IMPROVED DWARF GREEN CURLED SAVOY.

RED CABBAGES.

EARLIEST BLOOD-RED ERFURT.—Extra early; deep blood-red; heads hard as a rock; short stem; unequalled for pickling. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

LARGE BLOOD-RED DRUMHEAD CABBAGE.—This is a great improvement on the *Red Dutch*, being earlier, larger and a better header. The heads are round and solid, and very deep blood-red in color. It heads up very even and reliable—95 good compact heads out of every 100. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

Red Dutch.—The old standard red sort. Pkt. 5c., oz. 15c., lb. \$1.50. Mailing, 8c. lb.

LARGE RED DRUMHEAD.

OUR GUARANTEE.—We guarantee that all seeds sold by us are first-class, true and pure, and of high vitality. We cannot guarantee the crop, as this depends, to a great extent, on circumstances entirely beyond our control. But we do guarantee the quality of our seeds as above, in so far that if any should prove otherwise we will refill the order free or refund the money paid us. We also guarantee prompt shipment and safe delivery of all orders, whether sent by mail, express or freight.

JOHN GARDINER & CO.

▷ CAULIFLOWER ▷

EXTRA EARLY DWARF ERFURT.—Very Choice Quality.—There can be little doubt that this is the best cauliflower either for forcing under glass or for the open ground. Large size, snowy white and compact grower. There are few crops that depend so much on the quality of the seed as cauliflower, and although there is great temptation to save a dollar, we advise buying the best. Pkt. 20c., $\frac{1}{4}$ oz. \$1.50.

Early Dwarf Erfurt.—Good quality. A fairly good strain of Erfurt at a moderate price. Pkt. 10c., oz. \$1.50.

VEITCH'S AUTUMN GIANT.—Firm, compact heads; snowy white; a good keeper; large and vigorous. Pkt. 10c., oz. 65c., $\frac{1}{4}$ lb. \$2.00.

EARLY PARIS.—Half-early variety, for forcing. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

LENORMAND'S SHORT STEM.—Large heads, white and firm. Pkt. 10c., oz. 75c., $\frac{1}{4}$ lb. \$2.25.

LATE ALGIERS.—Firm, solid heads; good for late use. Pkt. 10c., oz. 75c., $\frac{1}{4}$ lb. \$2.50.

WALCHEREN.—Very late and hardy; firm, close-grained heads. Pkt. 10c., oz. 75c., $\frac{1}{4}$ lb. \$2.00.

TRUE EARLY SNOWBALL CAULIFLOWER.—This strain is justly celebrated, and by many is preferred to all others. Very early, a sure header; grows very close and compact. Heads of snowy whiteness, and average about nine inches in diameter. It is of very dwarf growth, with small outer leaves, which makes it well adapted for close planting. Pkt. 20c., $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$3.25.

EXTRA EARLY DWARF ERFURT.

TRUE EARLY SNOWBALL.

CARROTS.

IMPROVED LONG ORANGE CARROT.

EARLY FRENCH FORCING CARROT.

DANVERS HALF-LONG CARROT.

GUERANDE CARROT.

SCARLET ALTRINCHAM CARROT.

CHANTENAY.—The favorite early market carrot of Paris; half-long; stump-rooted, smoother and sweeter than Danvers, very small core. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

GUERANDE.—New stump-rooted carrot; thick and short; fine color and flavor; the heaviest cropper of the early sorts. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

DANVERS HALF-LONG.—Smooth, handsome variety; very dark in color; good cropper; keeps well; first-class carrot in every way. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

EARLY SHORT HORN.—Small, early sort; fine color; good for bunching for market; can be planted very close. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

EARLY FRENCH FORCING.—The earliest variety grown; small, tender, delicious. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

LONG SCARLET ALTRINCHAM.—A standard variety both for cooking and stock. Pkt. 5c., oz. 10c., lb. 60c. Mailing, 8c. lb.

IMPROVED LONG ORANGE.—Very large; main crop carrot; heavy yielder. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

LARGE WHITE BELGIAN.—Grows one-third out of ground; root white, green above ground; grown extensively for stock. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

NEW INTERMEDIATE OR ST. VALERY.—Smooth; handsome; 10 to 12 inches long; tapers from shoulder to tip; fine quality; very productive. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

* GARDINER'S *

RELIABLE

CELERY
SEED

GIANT GOLDEN HEART CELERY.—A fine selection from the Dwarf Golden Heart; large size, beautiful color, crisp and deliciously flavored. One of the best celeries for market, and also desirable for home use. Pkt. 10c., oz. 50c., lb. \$3.00. Mailing, 8c. lb.

GOLDEN SELF-BLANCHING.—Close, compact, handsome; heart beautiful golden-yellow, outer stalks yellowish-white, ribs perfectly solid, crisp, well flavored, and excellent keeper; very fine new celery, highly recommended. Pkt. 5c., oz. 40c., lb. \$3.50. Mailing, 8c. lb.

SPECIAL GOLDEN SELF-BLANCHING.—A special selection by a celebrated

AMERICAN GROWN EXTRA.—A special selection by a celebrated American grower; very superior to the French strain; crisp and delicious, beautiful color and fine close, compact grower. We can recommend this strain very strongly. Pkt. 10c., oz. 50c., lb. \$3.00. Mailing, 8c. lb.

NEW DWARF ROSE.—The red celeries have never received the attention they deserve in the American markets; this fact being the more strange in view of the high estimation in which they are held by European gardeners. This neglect seems now in a fair way to be removed, the past year or two having developed a considerable demand for the red sorts, which they well deserve, not only on account of their taking appearance, but also because they are more solid and have that peculiar nutty flavor in a far superior degree to the white. The New Rose we can recommend as being one of the finest of the red sorts. Pkt. 5c., oz. 35c.

WHITE PLUME.—A crisp, solid variety with a pleasant nutty flavor, almost self-blanching, the stalks requiring very little earthing up; handsome appearance. Pkt. 5c., oz. 40c.

APPLE-SHAPED CELERIAC.

LARGE SOLID.—Grows nearly four feet in height, leaves almost free from spines. Pkt. 10c., oz. 40c.

GIANT GOLDEN HEART.

SOLID IVORY.—Dwarf compact habit, and beautiful white color; solid, crisp and delicious. Pkt. 5c., oz. 30c.

PERFECTION HEARTWELL.—The largest and best winter sort, solid and vigorous. Pkt. 5c., oz. 35c.

SANDRINGHAM DWARF WHITE.—The dwarfest white variety, solid and crisp. Pkt. 5c., oz. 25c.

BOSTON MARKET.—The popular favorite in the Boston market, dwarf-branched habit, solid, crisp, well flavored. Pkt. 5c., oz. 25c.

CELERY SEED.—For flavoring soups. Lb. 40c. Mailing, 8c. lb.

CELERIAC.

Turnip-Rooted Celery.

APPLE-SHAPED.

—New, almost round, smooth, and handsome. Pkt. 5c., oz. 25c.

GIANT.—Very large. Pkt. 5c., oz. 25c.

CARDON.

The mid-ribs of the leaves are used in salads, soups and stews.

CARDON.

CHERVIL.

The leaves while young and tender, are used for salads and flavoring soups. It somewhat resembles parsley, and may be cultivated in the same way.

CURED.—The best curly leaved sort. Pkt. 5c., oz. 25c.

TUBEROUS-ROOTED.—Edible roots. Pkt. 5c., oz. 25c.

CHERVIL TUBEROUS ROOTED

CURLED CHERVIL.

SWEET CORN—Selected Eastern-Grown Seeds.

Our Sweet Corn is all Eastern-grown and is sweeter, earlier and more vigorous than Western-grown seed.

EARLY CORY.—An extra early variety with good-sized ears and large kernels. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

EARLY CROSBY (Original Stock).—One of the finest early sweet corns; twelve-rowed; dwarf habit; ears set very low and of good size, cob white. There are many inferior strains of this on the market; ours is the true original Crosby from the originator's stock. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

PERRY'S HYBRID.—Very early and of large size; good for market. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

AMBER CREAM.—Medium early; large, sweet, handsome. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

PEE-AND-KAY.—Medium early; large thick ears; tender and sweet. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

POTTER'S EXCELSIOR.—The sweetest medium early sweet corn; twelve-rowed, white prolific, handsome; requires a liberal seeding. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

EARLY MARBLEHEAD.—A good, early corn; medium size; prolific; a week later than Cory. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

EARLY MINNESOTA.—An early sort, of dwarf habit; ears small; excellent, productive. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

MOORE'S CONCORD.—Second-early; larger and later than Crosby; twelve-rowed, excellent. Pkt. 10c, qt. 25c. Mailing, 8c. qt.

BLACK MEXICAN.—Eight-rowed variety, of medium size; extremely sweet; the dark color does not show prominently in the green state; its great merit is its sweetness. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

EGYPTIAN.—A late sort, ripening with Stowell's, but much sweeter; largely used for canning. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

STOWELL'S EVERGREEN.—The standard late sort; large ears, sweet; remains long green; the stalks are valuable for fodder. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

MAMMOTH SWEET SUGAR.—A late variety, with very large ears and extra sweet flavor. Pkt. 10c, qt. 25c. Mailing, 15c. qt.

EARLY MARBLEHEAD.

PEE-AND-KAY.

PERRY'S HYBRID.

EGYPTIAN SWEET CORN.

BLACK MEXICAN.

MAMMOTH SUGAR CORN.

POTTER'S EXCELSIOR.

STOWELL'S EVERGREEN.

MOORE'S CONCORD.

CORN SALAD.—Large Seeded.—The standard variety; one of the best salads. Ready for cutting in 6 weeks. Treat as spinach. Pkt. 5c, oz. 10c, lb. 60c. Mailing, 8c. lb.
CURLED CRESS.—Excellent for salads and garnishing. Should be sown frequently and used when young and crisp. Pkt. 5c, oz. 10c, lb. 40c. Mailing, 8c. lb.

CORN SALAD.

FIELD CORN.

For the newest and best varieties of Field Corn, see Farm Seed Section.

SWEET CORN.

Special Rates to Truckers and Cannors.

To Truckers, Cannors and others who use sweet corn in large quantities special rates by the bushel. Quotations for the asking. State kinds and quantities when writing for prices.

WATER CRESS.

WATER CRESS.

This is the famous English Water Cress; requires to be planted along the borders of shallow water courses. Pkt. 10c, oz. 40c, lb. \$2.75. Mailing, 8c. lb.

UPLAND CRESS.

UPLAND CRESS.—This new vegetable gives us a garden substitute for the English Water Cress. Crisp, tender, perfectly hardy, easily raised in any garden, and has the peculiar spicy, pungent flavor of water cress. Pkt. 10c, 3 pkts. 25c.

CUCUMBERS.

SPECIAL RATES TO CANNERS AND LARGE GROWERS FOR MARKET.

IMPROVED WHITE SPINE CUCUMBER.

EARLY RUSSIAN CUCUMBER.

NICHOL'S MEDIUM GREEN CUCUMBER.

EARLY GREEN CLUSTER CUCUMBER.

IMPROVED LONG GREEN CUCUMBER.

NICHOL'S MEDIUM GREEN.—An early cucumber; good for forcing or pickles; dark green; crisp; very prolific, straight and smooth; in length between the White Spine and Long Green, a decided acquisition. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

TAILBY'S HYBRID.—A cross between White Spine and an English Frame variety, with the hardness of the former and the beauty and size of the latter; very prolific; one of the finest. Pkt. 5c., oz. 10c., lb. 75c. Mailing, 8c. lb.

EARLY RUSSIAN.—A small variety; the earliest grown; 10 days ahead of Early Cluster; hardy, prolific, fruit 3 inches long; tender, crisp, well flavored. Pkt. 5c., oz. 10c., lb. 75c. Mailing, 8c. lb.

EARLY GREEN CLUSTER.—Very early, fruits in clusters; short, prickly, very prolific. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

IMPROVED WHITE SPINE.—Medium length, dark green, crisp, well flavored, prolific. One of the most popular varieties grown. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

EARLY FRAME.—Early, medium length, good for forcing. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

IMPROVED LONG GREEN.—Very popular, late variety, dark green, crisp, tender and well flavored. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

BOSTON PICKLING.—One of the best varieties for pickling; short, straight, dark green, fine quality, great bearer. Our strain of seed is true Arlington Stock. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

WEST INDIA GHERKIN.—A small green pickling sort, used for pickling only. Pkt. 5c., oz. 10c., lb. \$1.15. Mailing, 8c. lb.

ENGLISH FRAME CUCUMBERS.—These are grown in the green-house, or in a hot-bed; very handsome both in form and color; attain a length of from 20 to 30 inches. The following are the cream of the many popular sorts:

ENGLISH FRAME CUCUMBER "TELEGRAPH."

WEST INDIA GHERKIN CUCUMBER.

Blue Gown, Marquis of Lorne, Telegraph, Tender and True, Duke of Edinburgh, Sion House Improved, Lord Kenyon. Each per packet, 25c.

ENDIVE. GREEN CURLED.—One of the best; dark green, finely curled. Pkt. 5c., oz. 20c., lb. \$1.65. Mailing, 8c. lb.

WHITE CURLED.—Pale green, very handsome. Pkt. 5c., oz. 20c., lb. \$1.65. Mailing, 8c. lb.

MOSS CURLED.—Beautifully and densely curled, very ornamental. Pkt. 5c., oz. 20c., lb. \$1.65. Mailing, 8c. lb.

BATAVIAN BROAD-LEAVED.—A large summer variety, very productive. Pkt. 5c., oz. 20c., lb. \$1.65. Mailing, 8c. lb.

DANDELION. THICK-LEAVED FRENCH.—An extra fine strain; thick-leaved, crisp, fine flavored. Pkt. 5c., oz. 25c.

AMERICAN IMPROVED.—A very superior variety; crisp, fine flavored. Pkt. 10c., oz. 50c.

IMPROVED MOSS-CURLED.—Leaves deeply cut and finely curled; crisp and excellent. Pkt. 10c., oz. 50c.

EGG-PLANT. EARLY DWARF PURPLE.—A new French variety; very early. Pkt. 5c., oz. 30c.

LONG PURPLE.—Early deep purple, oblong; hardy, productive, excellent; color variable. Pkt. 5c., oz. 25c.

BLACK PEKIN.—Fruit blackish-purple, globe-shape, hardy, excellent. Pkt. 10c., oz. 50c.

NEW YORK IMPROVED.—One of the best, very large, fine quality. Pkt. 10c., oz. 50c.

WHITE CURLED ENDIVE.

MOSS CURLED DANDELION.

NEW YORK IMPROVED EGG-PLANT.

▲ ▲ LETTUCE ▲ ▲

HEAD LETTUCES.

BLONDE HARDHEAD LETTUCE (New).—A very fine new summer lettuce; exceedingly hard heads, of a bright golden yellow; crisp and tender; very attractive. A great heat-resisting sort, remaining sweet, tender, crisp and juicy when most other kinds have become tough and bitter. Very distinct and sure to become a popular favorite. Pkt. 10c., 3 Pkts. 25c.

BUTTERCUP (New).—Early, hardheading, beautiful foliage, tender, and delicate flavor; good either for summer or winter. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

NEW YORK MARKET.—Large solid head; outside leaves clear, deep apple green, inside leaves yellowish white; blanches naturally and is slow to run to seed; flavor crisp and tender; entirely free from bitterness; a splendid sort for summer use; one of the largest lettuces in cultivation. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

DEFIANCE SUMMER.—One of the best summer lettuces for family use, being a great heat resister and remaining crisp and tender for a long time; heads light green and extra large. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

Early Prizehead.—Very large; fine flavored, crisp, tender; slow to seed. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

HANSON.—Splendid out-door lettuce; heads very close, solid and large; crisp, tender, sweet; green outside, white within. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

SALAMANDER.—Yellow; very hard header; stands the summer well. Pkt. 5c., oz. 15c., lb. \$1.25. Mailing, 8c. lb.

Brown Genoa.—Medium round head, stained with red; good either for summer or winter. Pkt. 5c., oz. 25c., lb. \$2.00. Mailing, 8c. lb.

DEACON.—A splendid variety for standing the summer heat; large solid heads, tender, crisp and sweet; very popular. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

All the Year Round.—Hardy, heads firm, medium; does not run to seed readily; deep green, tender and crisp. Pkt. 5c., oz. 15c., lb. \$1.25. Mailing, 8c. lb.

Marblehead Mammoth.—Very large, good quality, hard header, slow to run to seed. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

BLONDE HARDHEAD LETTUCE.

FORCING LETTUCES.

BOSTON MARKET.—A popular forcing variety; good size, solid, crisp and white. Our stock is pure *Boston market*, a great improvement over the *White Seeded Tennis Ball*. Pkt. 5c., oz. 15c., lb. \$1.25. Mailing, 8c. lb.

Tennis Ball, Black Seeded.—Solid, dark green heads; very hardy; one of the best either for out-doors or forcing; crisp and tender. Pkt. 5c., oz. 15c., lb. \$1.00. Mailing, 8c. lb.

GOLDEN STONEHEAD.—Small, solid; very handsome; splendid forcer; also stands the summer well for outside. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

WHEELER'S TOM THUMB (New).—A small variety; very solid, crisp, and of unsurpassed flavor. Pkt. 5c., oz. 20c., lb. \$1.40. Mailing, 8c. lb.

CURLY LETTUCES.

Early Curled Simpson.—Yellowish green; early; very curly. Largely used for frame culture, and also for an early open-air sort between a cabbage crop. Pkt. 5c., oz. 20c., lb. \$1.40. Mailing, 8c. lb.

Early Curled Silesia.—Very early; good either for forcing or open air. Pkt. 5c., oz. 15c., lb. \$1.15. Mailing, 8c. lb.

Boston Curled.—Deep rich green; beautifully curled; early, tender, crisp; very ornamental for table. Pkt. 5c., oz. 15c., lb. \$1.00. Mailing, 8c. lb.

UPRIGHT OR COS LETTUCE.

Paris White Cos.—The best of the Cos varieties, with long upright leaves; blanches readily when tied up. Pkt. 5c., oz. 15c., lb. \$1.00. Mailing, 8c. lb.

LEEK.

LARGE LONDON FLAG.—Hardy, fine quality, the most popular variety in this country. Pkt. 5c., oz. 15c., lb. 90. Mailing, 8c. lb.

MUSSELBURGH.—Grows to immense size; broad leaves, light green, hardy, excellent. Pkt. 5c., oz. 20c., lb. \$1.00. Mailing, 8c. lb.

GIANT CARENTAN.—One of the best, short, thick, hardy, excellent. Pkt. 5c., oz. 20c., lb. \$1.90. Mailing, 8c. lb.

KOHL RABI.

The Kohl Rabi, when young, is tender and delicate, possessing the flavor of both the cabbage and turnip. Cooking same as the ruta бага. Pkt. 5c., oz. 20c., lb. \$1.90. Mailing, 8c. lb.

EARLY WHITE VIENNA.—Green top, white flesh, popular, handsome, good flavor. Pkt. 5c., oz. 20c., lb. \$1.90. Mailing, 8c. lb.

EARLY PURPLE VIENNA.—Differs from the preceding only in color. Pkt. 5c., oz. 20c., lb. \$1.90. Mailing, 8c. lb.

MUSSELBURGH LEEK.

PURPLE VIENNA KOHL RABI.

DELICIOUS MUSKMELONS, CANTALOUPEs, NUTMEGS, ETC.

NEW EARLY HACKENSACK.—A great improvement on the ordinary Hackensack, being about 10 days earlier than that very popular market sort. Similar in shape, size and color, the only difference being its extra earliness. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

HACKENSACK.—Large, round, netted, deeply ribbed; flesh green, very sweet and highly flavored; an early and very popular sort. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

JENNY LIND.—A small, very early variety, round, netted; flesh light green, excellent flavor. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

BAY VIEW HYBRID.

BIRD'S CANTALOUPE.—A new variety from Colorado; a cross between the Bay View and Montreal Nutmeg; very large (specimens have been grown weighing over 20 pounds); flesh thick, light green, and fine quality; an early sort and a good keeper. Pkt. 5c., oz. 10c., lb. \$1.00. Mailing, 8c. lb.

ACME OR BALTIMORE CANTALOUPE.—Large, early, handsome and showy; splendid quality, and a very popular market sort. A magnificent shipper and one of the most productive and profitable sorts in cultivation. Pkt. 5c., oz. 10c., lb. 60c. Mailing, 8c. lb.

NETTED GEM.—An early round variety; green fleshed, delicious flavor, very prolific; one of the best. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

BANANA.—A long banana-shaped sort. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

MONTREAL NUTMEG.—Very large sort, nearly round, densely netted, deeply ribbed; green fleshed, thick, and of delicious flavor; a great bearer and very popular. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

CASABA.—Large, oblong, green fleshed, thick, melting, delicious; one of the best. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

WHITE JAPAN.—Small variety; early, prolific; pale greenish-white; sweet, delicious. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

SKILLMAN'S NETTED.—An early sort; roundish oval; flesh deep green, sweet, richly perfumed, delicious flavor. Pkt. 5c., oz. 10c., lb. \$1.00. Mailing, 8c. lb.

NEW OSAGE MUSK.

BAY VIEW HYBRID.—A large, prolific, fine flavored cantaloupe; luscious, sweet, hardy, and a good shipper. Pkt. 5c., oz. 10c., lb. 70c. Mailing, 8c. lb.

WARD'S NECTAR.—Early, prolific; green fleshed, sweet, rich, luscious. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

EMERALD GEM.—Early, round, flattened at the ends; flesh deep orange, very thick, sweet and delicious; very uniform. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

LONG YELLOW CANTALOUPE.—A well-known sort; large, sweet, productive. Pkt. 5c., oz. 10c., lb. 60c. Mailing, 8c. lb.

CHRISTIANA OR BOSTON PET.—Early, very productive; thick fleshed, melting, delicious. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

DELMONICO.—A new musk, of large size and delicious quality, being as sweet and luscious as the Emerald Gem. It is an oval melon, with deeply netted rind and orange pink flesh. Pkt. 10c., oz. 35c.

NEW EARLY HACKENSACK.

MILLER'S CREAM.—One of the finest and best flavored melons in cultivation; flesh rich salmon, very thick, sweet, rich and delicious; rind thin, netted; large and productive. Pkt. 5c., oz. 20c., lb. \$1.00. Mailing, 8c. lb.

OSAGE MUSK.—Skin dark green and orange, slightly netted; flesh rich salmon, thick and sweet; grows very even and is one of the most productive and best melons in cultivation; quality unsurpassed, excellent shipper. In form, size, attractive appearance, and exquisite flavor, the most perfect market melon grown. Pkt. 5c., oz. 20c., lb. \$1.00. Mailing, 8c. lb.

PRESCOTT HARDY RIDGE.—Large, round, somewhat flattened; flesh rich orange, very thick, sweet, and delicious. Pkt. 5c., oz. 20c.

EMERALD GEM.

WATERMELONS.

SWEET, MELTING, DELICIOUS, THE BEST VARIETIES FOR MARKET OR HOME USE.

EXTRA EARLY.

SEMINOLE
WATERMELON

ENORMOUSLY PRODUCTIVE!
DELICIOUS FLAVOR!

EXTRA LARGE

SEMINOLE.—A new melon of great merit, large, productive, early and fine flavored. Pkt. 5c, oz. 10c, lb. 90c. Mailing, 8c. lb.

HUNGARIAN HONEY.—Large, round, dark green; flesh brilliant red and deliciously sweet; grows very uniform and is early and productive. Pkt. 5c, oz. 10c.

LONG LIGHT ICING.—(Syn. Jordan's Gray Monarch,) light green mottled, very large; flesh deep red, splendid quality; one of the largest and finest melons. Pkt. 5c, oz. 10c, lb. 90c. Mailing, 8c. lb.

RUBY GOLD.—A beautiful new melon of extra fine quality; grows to a large size—40 to 50 lb. average; early, very productive. Pkt. 10c, 3 pkts. 25c.

OEMLER'S TRIUMPH.—A new melon from Russia; very early, productive, short oval, weighs about 15 lbs., dark mottled green; flesh dark red, edged with orange, very sweet and luscious. Pkt. 10c, oz. 25c.

FLORIDA FAVORITE.—Oblong, green and white stripes, flesh light crimson, crisp and deliciously sweet. Very early; one of the finest table melons grown, not a good shipper, owing to its thinness of rind. Pkt. 5c, oz. 10c, lb. 70c. Mailing, 8c. lb.

SCALY BARK.—Large, dark green, with scaly markings; rind thin and tough, an excellent shipper; flesh light crimson, rich flavor. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

MAMMOTH IRONCLAD.—A very large variety, of excellent quality, oblong, green mottled; flesh bright red, crisp and delicious; a good keeper and shipper. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

PRIDE OF GEORGIA.—Large, oval, dark green; flesh deep red, crisp and sweet; a good shipper. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

BOSS.—An early, oblong variety; flesh deep scarlet, rich and sweet. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

ICING, OR ICE RIND.—Round, solid, thin rind; flesh rich, sugary, melting, an excellent sort. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

GREEN AND GOLD.—The earliest and best yellow fleshed variety; early, productive, fine flavor. Grows to good size, ranging from 25 to 35 lbs. A valuable acquisition. Pkt. 5c, oz. 10c, lb. 90c. Mailing, 8c. lb.

WHITE GEM.—A new round white melon of medium size; rind thin, but very tough; flesh pink, crisp; very sweet, and delicious flavor; hardy, productive, good shipper. Pkt. 10c, oz. 25c.

KOLB'S GEM.—Light green, nearly round, averaging 30 to 50 lbs. in weight; flesh bright red, rich and sweet; a good shipper. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

MOUNTAIN SWEET.—An old favorite for northern growing, long, dark green; flesh, very solid, crisp and sweet. Pkt. 5c, oz. 10c, lb. 90c. Mailing, 8c. lb.

CUBAN QUEEN.—Very large, enormously productive; vigorous, healthy, and an excellent keeper; flesh bright crimson, solid, rich, and sugary. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

RATTLESNAKE.—Large, oblong, striped and mottled; flesh bright red; a good shipper; a favorite variety in the south. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

VICK'S EARLY.—A splendid early sort; flesh bright red; solid, sugary and luscious. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

PHINNEY'S EARLY.—A very early medium-sized sort; flesh red, excellent quality, hardy, very prolific. Pkt. 5c, oz. 10c, lb. 65c. Mailing, 8c. lb.

COLORADO PRESERVING MELON.—Quite distinct from the Citron; immensely productive. Flesh very firm and solid, with few seeds. Preserving qualities are the very finest. It makes beautiful, clear, nearly transparent preserves of surpassing flavor. Pkt. 5c, oz. 10c, lb. 80c. Mailing, 8c. lb.

VEGETABLE PEACH. MANGO MELON OR VINE PEACH.—Round, light yellow fruits, good for making preserves; enormously productive; flavor excellent. Although this vegetable is not claimed to equal a peach, it is an acquisition, and has become very popular. Pkt. 10c, oz. 35c, lb. \$4.00. Mailing, 8c. lb.

GREEN AND GOLD.

WHITE GEM.

MUSHROOMS FOR THE MILLION.

MOVABLE MUSHROOM SHELF.

Gardiner's Genuine Milltrack Mushroom Spawn.

Although the Mushroom is one of the most delicious, and, at the same time, most nutritious of all known esculents, its cultivation is not generally understood, and its use is much more limited than it ought to be. There are indications that this neglect is in a fair way to be removed, now that commercial gardeners, as well as private families, are turning their attention to its culture, and we think that in the near future the mushroom is destined to take its true place as one of the most important and delicious of esculents, which no well-appointed household can afford to do without. We have had so many inquiries regarding the cultivation of mushrooms, that we have prepared and published an 8-page pamphlet, written by a practical grower, which gives in a concise form all necessary information for the successful raising of the best mushrooms. This pamphlet will be sent free to any one interested. We make a specialty of supplying the genuine English Mill-track Mushroom Spawn. It is specially prepared for our trade by one of the best mushroom growers in Worcestershire. We receive four importations a year, so that customers can depend on receiving the spawn fresh and genuine at all times. By mail, post-paid, 22c. per lb.; 5 lbs. for \$1.00. By express, at customers' expense, 10 lbs. for \$1.20; 25 lbs. for \$2.75; 50 lbs. for \$5.00. Special prices on large lots.

FRENCH MUSHROOM SPAWN. More bulky than the English, being packed loosely in 2-lb. boxes. By express, 80c. per box (2 lbs.); 10 boxes, \$7.00. By mail (in paper), 8c. per lb. extra.

Mushroom Culture.

By WM. ROBINSON, F.L.S.,
Author of

"The Parks and Gardens of Paris."
New edition, 172 pages. Cloth.
50 cents, post-paid.

Chapters on "Mushroom House," "Preparation of Materials," "Spawn," "Spawning," "Culture in Cellars and Out-houses," "Cave Culture," "Culture in the Open Air," "Culture in Pastures," "Mushroom Varieties," "Modes of Cooking," etc. Profusely illustrated.

MUSHROOMS IN GREEN-HOUSE.

MUSHROOMS ON SHELVES.

GARDINER'S GENUINE ENGLISH MILL-TRACK MUSHROOM SPAWN.

"As for the much larger class who ought to be supplied from our markets they seldom see or taste a mushroom except when these occur in profusion in our fields; yet every cart of stable manure produced in this great horse-keeping country might, on its way towards decomposition, be made a nidus for furnishing a bountiful supply of them."

ROBINSON.

We append below a few extracts, from letters received from mushroom growers, in regard to the quality of our spawn.

50 to 70 lbs. Fine Mushrooms per Day

"I must say that the spawn we got from you did very well. We shipped from it 50, 60 and 70 lbs. per day of very fine mushrooms."

JAMES Y. GIBSON.

Mushrooms 7 in. Diameter.

"The mushrooms I had from you one year ago did remarkably well—many of them were over 7 inches in diameter, as large as a tea saucer."

WOODBIDGE STRONG.

Very Satisfactory.

"The mushroom spawn you sent, turned out to my entire satisfaction. Will want some more very soon."

CARL. BEERS.

Better Than Any Other.

"Your spawn fills the bill better than any I have bought elsewhere."

JOHN G. GARDNER.

These are samples of hundreds of others, all from large and successful mushroom growers. One customer, Mr. H. A. Lea, who had been trying for three years previous to last July to get mushrooms, tried some of our spawn, and had such a splendid crop of fine mushrooms, that he is now going into their culture enthusiastically. If people only knew how easy mushrooms are to grow, they would certainly plant, so as to have a good supply all the year round instead of depending on the short summer supplies from our fields.

MUSHROOM BED (RIDGE), ONE SIDE UNCOVERED.

SELECTED ONION SEED.

Next to the cabbage the onion is our most important vegetable, and the importance of having good seed cannot be over-estimated. It requires the greatest care in selecting, only the best shaped bulbs for seed purposes in order to keep the strain up to a thoroughbred standard. Carelessness in selecting will inevitably result in a splendid crop of "scallions." Our seeds are saved from the best selected bulbs, grown and harvested with the most scrupulous care, and, we do not hesitate to say, cannot be surpassed in quality. Our prices will be found as reasonable as is consistent with the great care and expense consequent to our method of selecting and saving our seeds.

LARGE RED GLOBE.—Large, medium early, skin deep red, small neck, flesh fine grained, mild flavor, productive, a good keeper, and an excellent onion for home use or market. Pkt. 5c., oz. 15c., lb. \$1.45. Mailing, 8c. lb.

We can offer special inducements to truckers and other large growers who buy in large quantities. Lowest rates for the asking.

LARGE RED WETHERS-FIELD.—The most popular red onion for general crop, large, fine form, skin deep red, flesh white, strong flavor, immense cropper, and keeps well. Pkt. 5c., oz. 10c., lb. \$1.15. Mailing, 8c. lb.

White Globe.—Larger and later than the White Silverskin, and also more globe shaped. Pkt. 5c., oz. 20c., lb. \$1.90. Mailing, 8c. lb.

Full sized onions the first year from seed may be obtained by sowing our thoroughbred seeds in the South, as well as in the Eastern and Western States. For full sized onions, the first year sow 4 or 5 lbs. of seed. For small sets, 40 or 50 lbs. per acre is necessary. The best sorts for sets are: Yellow Danvers, Yellow Strasburg, Extra Early Red, White Silverskin.

ROUND YELLOW DANVERS.—A popular, profitable and excellent sort, round, yellow, not so globe shaped as the Globe Danvers, largely used for raising small sets, and a splendid all round onion; mild flavor, very productive and keeps well. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

YELLOW GLOBE DANVERS.—This is conceded to be the finest strain of Danvers in cultivation. It is grown in New England, and is exceedingly pure and true to type; early, round, very small neck, fine grained, mild flavor, immensely productive, and unsurpassed in keeping quality. Pkt. 5c., oz. 10c., lb. \$1.15. Mailing, 8c. lb.

EXTRA EARLY RED.—A very early variety of medium size, round, flat, deep red, mild flavor, largely grown for sets. Pkt. 5c., oz. 15c., lb. \$1.40. Mailing, 8c. lb.

WHITE SILVERSKIN. (Syn: Philadelphia Silverskin, Large White Portugal).—

Early, medium size, silvery white, mild flavor, excellent for home use or market. Largely grown for producing the white onion sets. When young used for pickling. Pkt. 5c., oz. 20c., lb. \$1.90. Mailing, 8c. lb.

Southport Yellow Globe.—Globe shaped, large, handsome, good flavor, excellent keeper; not quite so early as the Globe Danvers, but very productive. Pkt. 5c., oz. 15c., lb. \$1.40. Mailing, 8c. lb.

CAUTION.

Having learned that large quantities of cheap California grown onion seeds are being offered by unscrupulous or ignorant dealers, we beg to caution our customers against being misled by any such so-called cheap onion seed.

Eastern grown seeds will produce a much better crop.

The prices here given are those holding at the first January, and are subject to market changes. Buyers who plant by the bushel will please correspond for prices.

WHITE BOTTOM SETS.
—By mail, pt. 20c., qt. 35c.
By express, qt. 20c., peck \$1.50.

YELLOW BOTTOM SETS.—By mail, pt. 20c., qt. 35c.
By express, qt. 15c., peck \$1.25.

RED BOTTOM SETS.

—By mail, pt. 20c., qt. 35c.
By express, qt. 15c., peck \$1.25.

ITALIAN ONIONS

NEW WHITE BARLETTA.

color; an excellent companion to that magnificent variety. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

RED BASSANO, OR GENOA.—Large, deep red, mild flavored, good keeper, very productive. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

MARZAJOLA (of Nocera).—Handsome white-skinned variety, early, fine shape, excellent, mild quality, a first-rate onion. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

These are getting more popular every year, on account of their quick growth, mild flavor, and generally large size, some varieties weighing from two to three pounds the first season from seed, and even the smallest if saved and set out the following spring, will grow onions weighing from three to four pounds. They succeed well in all parts of the country, and are grown very extensively in the South, and are shipped North as Spanish and Bermuda onions. The small sorts, such as Queen and Barletta, are most valuable, on account of their extreme earliness and mild flavor.

Note.—Our seeds of Italian onions are imported by us direct from Italy, and can be relied on as second to none, and much superior to that generally procured through the regular jobbing houses.

WHITE QUEEN.—Small, very early, white-skinned, mild flavor, excellent for pickling. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

WHITE BARLETTA.—Similar to White Queen, but 30 days earlier. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

GIANT BROWN ROCCA.—A large globe shaped variety, mild flavored, skin light brown, handsome, excellent. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

GIANT BLOOD RED ROCCA.—Red-skinned, beautiful globe shaped; similar to the Yellow and Brown Rocca, except in color. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

GIANT YELLOW ROCCA.—Handsome golden yellow, similar to preceding except in color. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

MAMMOTH SILVER KING.—One of the largest onions in cultivation; early; shape flat, but very thick; skin a silvery white; flesh mild, delicate, and of snowy whiteness; a handsome and very popular variety. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

MAMMOTH RED POMPEII.—Similar to the Silver King except in color; shape flat, but very thick; skin a silvery white; flesh mild, delicate, and of snowy whiteness; a handsome and very popular variety. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

SELECTED NORTHERN GROWN PEAS.

Our seed peas are all grown in Northern New York, the finest pea-growing district in the world, and are carefully selected from the choicest stocks, inspected and *rogued* with scrupulous care during growth, and carefully hand-picked after harvesting. For purity of type and perfection in quality, our stock cannot be surpassed.

Truckers and other large growers who use peas in quantity supplied at trade prices. Special rates on application.

DWARF EXTRA EARLY SORTS.

BLUE BEAUTY.—A blue round pea as early as the American Wonder, grows very uniform, pods medium size and well filled for an extra early; very productive and of unsurpassed quality. Height $1\frac{1}{4}$ ft. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

TOM THUMB.—Remarkably dwarf and early; an abundant yielder and fine quality. Height 1 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

EXTRA EARLY PREMIUM GEM.—An improved Little Gem; dwarf, prolific, fine flavored, large pods; excellent either for market or home use. Height $1\frac{1}{4}$ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

McLean's Little Gem.—An early green marrow, of excellent quality, and an abundant bearer. Height $1\frac{1}{2}$ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

WM. HURST.—This magnificent new dwarf, extra early, has fully borne out the high praise given it, and has become exceedingly popular. It is a little taller than American Wonder, but quite as early; a better yielder and has larger pods; a splendid cropper, with large, curved, handsome pods, which are much larger than the Wonders. The peas are blue, wrinkled and of delicious quality, sweet and juicy. A distinct and valuable introduction. Pkt. 10c., 3 pkts. 25c.

SELECTED NORTHERN-GROWN PEAS.

AMERICAN WONDER.

for truckers and large growers: our choice stock is selected with the greatest care and is a great improvement on the type. Height, 2½ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

IMPROVED DANIEL O'ROURKE.—Very early, fine cropper, long pods, exquisite flavor; can be gathered at one picking—a most important point for the market grower. Our stock is extra select. Height, 2½ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Kentish Invicta.—Early, long podded, productive, popular. Height, 2½ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Alaska.—An improved Invicta, a good early pea for market gardeners. Height, 2 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Laxton's Alpha.—An early, wrinkled, marrow; of good quality. Height, 2 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

DWARF SECOND EARLY SORTS.

Horsford's Market Garden.—A splendid new pea; very productive, and of the finest quality, unexcelled for market. Height, 2 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Bliss' Abundance.—Very productive and fine flavored. A bushy growing variety—sow thinly. Height, 2 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

SECOND EARLY SORTS. (Medium Height.)

McLEAN'S ADVANCER.—A fine flavored, green, wrinkled marrow; very productive and uniform; the leading second early for market or home use; a great favorite with truckers, and highly recommended. Height, 2½ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

FILLBASKET.—One of the finest second earlies, very heavy cropper, seeds greenish blue, exquisite flavor. Height, 2½ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

DWARF MAIN CROP SORTS.

STRATAGEM.—One of the best late marrows in cultivation: immense, large pods, splendid flavor, vigorous dwarf growth, very popular. Height, 2 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Bliss' Everbearing.—A large podded, prolific, finely flavored sort; continues a long time in bearing. Height, 2 ft. Pkt. 10c., qt. 15c. Mailing, 15c. qt.

Pride of the Market.—Dwarf, large podded, fine quality, wonderfully productive, handsome. Height, 2 ft. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

DWARF EXTRA EARLY.

AMERICAN WONDER.—The dwarfest pea grown, extremely early, fine quality, splendid for home use. Not productive enough for a profitable market pea; but largely used on account of its earliness and dwarf habit. Height, ¾ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

EXTRA EARLY SORTS.

(Medium Height.)

EXTRA EARLY PHILADELPHIA. (Gardiner's Choice Stock.)—An extra early strain of this splendid market garden pea, remarkable for its uniform growth, great productiveness, and delicious quality. We can recommend this as the most profitable sort

IMPROVED DANIEL O'ROURKE.

MAIN CROP SORTS. (Medium Height.)

Yorkshire Hero.—A splendid main crop pea, very prolific, finely flavored, great cropper, branching; good for market or home use. Height, 2½ ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Veitch's Perfection.—A large and delicious marrow pea; splendid cropper. Height, 3 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Blue Imperial.—Very productive, fine quality; a standard late sort. Height, 3 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

CULVERWELL'S TELEGRAPH.—Very large pods, very productive, delicious flavor, green, wrinkled. Height, 3 ft. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

MAIN CROP SORTS. (Tall.)

Champion of England.—The old favorite main crop pea, good flavor, productive, large pods and peas, one of the best. Height, 5 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

TELEPHONE.—A magnificent pea for family use, delicious quality, enormously productive, large, handsome pods. Height, 4½ ft. Pkt. 10c., qt. 30c. Mailing, 15c. qt.

White Marrow.—A popular late sort, largely grown as a field variety, very productive. Height, 4 ft. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

Black-Eyed Marrow.—Extensively grown as a field crop, a good late variety for market. Height, 5 ft. Pkt. 10c., qt. 20c. Mailing, 15c. qt.

EDIBLE PODDED OR SUGAR PEAS.

Tall Butter Sugar.—The young pods are used like string beans; very tender and sweet; good for shelling. Height, 5 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

Dwarf Butter Sugar.—Similar to preceding, but dwarfer. Height, 3 ft. Pkt. 10c., qt. 25c. Mailing, 15c. qt.

PARSNIP

LONG SMOOTH, OR HOLLOW CROWN. (Abbot's Improved).—The standard sort for general use. Pkt. 5c., oz. 10c., lb. 25c. Mailing, 8c. lb.

EARLY SHORT ROUND FRENCH.—The earliest; good quality. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

IMPROVED GUERNSEY.—Smooth, fine grained, excellent; shorter than the Hollow Crown; a heavy cropper. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

PARSLEY

FERN LEAVED.—Very fine form, extra selected. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

BEAUTY OF THE PARTERRE.—The handsomest curly parsley in cultivation; very distinct; makes beautiful edging for flower-beds, and unsurpassed for garnishing. Pkt. 5c., oz. 35c.

MOSS CURLED.—Exquisitely curled, and of the richest green. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

HAMBURG OR ROOTED PARSLEY.—The roots of this sort are used for flavoring soups and stews. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

MOSS CURLED PARSLEY.

PEPPER.

GOLDEN DAWN.—A new variety, very handsome, golden yellow, sweet, mild, and very productive. Pkt. 5c., oz. 30c., lb. \$2.75. Mailing, 8c. lb.

RED CHILI.—Small, cone shaped, bright red, fiery. Pkt. 5c., oz. 25c., lb. \$2.25. Mailing, 8c. lb.

LARGE BELL, OR BULL NOSE.—Large, early, bright red, mild. Pkt. 5c., oz. 25c., lb. \$2.25. Mailing, 8c. lb.

SWEET MOUNTAIN.—A large, early sort, mild and excellent, bright red. Pkt. 5c., oz. 25c., lb. \$2.25. Mailing, 8c. lb.

CAVENNE LONG RED.—Long, bright red, fiery. Pkt. 5c., oz. 25c., lb. \$2.25. Mailing, 8c. lb.

RED CHERRY.—Small, round, glossy red, very fiery. Pkt. 5c., oz. 25c., lb. \$2.50. Mailing, 8c. lb.

NEW GOLDEN UPRIGHT.—New and distinct, grows twice as large as the Golden Dawn, fine for mangoes. Pkt. 10c., oz. 50c.

RUBY KING.—The Ruby King is an enormous bearer, each stalk having from 10 to 14 large peppers. Many of the fruits measure 7 ins. in length, and 4 to 5 ins. in diameter.

They are of a beautiful ruby red, thick meated, and mild in flavor. Their flavor is so pleasant that they can be sliced and eaten raw, like tomatoes or cucumbers. The best pepper for mangoes in cultivation. Pkt. 10c., oz. 50c.

PUMPKIN.

JAPANESE PIE.—Remarkable variety from Japan. Flesh very thick, solid, fine grained, dry and sweet; early; good keeper, and fine bearer. A great acquisition. Pkt. 5c., oz. 10c., lb. \$1.25. Mailing, 8c. lb.

LARGE CHEESE.—Very superior, productive, fine grained, good flavor, cheese shaped. Pkt. 5c., oz. 10c., lb. 75c. Mailing, 8c. lb.

CASHAW.—One of the largest and best; yellow, solid, good keeper. Pkt. 5c., oz. 10c., lb. 75c. Mailing, 8c. lb.

IMPROVED MAMMOTH OR POTIRON.—Grows enormously large, from 100 to over 200 lbs., round, flattened; skin salmon; flesh yellow, fine grained, good quality. Pkt. 5c., oz. 15c., lb. \$1.75. Mailing, 8c. lb.

CONNECTICUT FIELD.—The common yellow pumpkin. Pkt. 5c., oz. 10c., lb. 25c. Mailing, 8c. lb.

RUBY KING PEPPER.

JAPANESE PIE PUMPKIN.

POTATOES.

Lat.—*Solanum Tuberosum*. Ger.—Kartoffel. Fr.—Pomme de Terre. Sp.—Batate.

Our seed potatoes are all Northern grown, from specially-selected tubers, and are guaranteed to be as pure stock as any in the market. Potatoes grown in this way, with so much care, necessarily cost more, but it is absolutely indispensable

to the farmer to be sure when he is getting a change of seed, that he gets only the best. The results in increased vigor of growth, yield and earliness of maturity will be speedily apparent. We ship as soon as danger from frost is past, either by freight or express. The marine facilities of Philadelphia with sea-ports in South being unequalled, it will often be found economical to send by sea.

Prices are subject to market changes.

SPECIAL PRICES ON TEN-BARREL LOTS OR OVER.

POTATOES BY MAIL,

Carefully Packed and Correctly Labeled, 30 Cents per pound. Five pounds for \$1.00 for all sorts enumerated below.

MAMMOTH PEARL.
—A handsome medium-late variety, of excellent quality, and very productive; keeps well.

Peck 65 cents, bushel \$2.00, barrel \$4.00.

CLARK'S No. 1.
—Early and more productive than Early Rose, which it somewhat resembles. Peck 75 cents, bushel \$2.25, barrel \$4.50.

EARLY OHIO.
—Very early. Peck 75 cents, bushel \$2.25, barrel \$4.50.

EMPIRE STATE.
—Very productive good quality. Peck 75 cents, bushel \$2.25, barrel \$4.50.

BEAUTY OF HEBRON.
—The most popular early variety grown; skin rose colored; flesh pure white, fine quality. Peck 75 cents, bushel \$2.25, barrel \$4.50.

DAKOTA RED.
—A late sort; red skin, white flesh, productive, profitable. Peck 75 cents, bushel \$2.25, barrel \$4.50.

WHITE STAR.
—Medium early, fine quality, productive, good keeper. Peck 65 cents, bushel \$2.00, barrel \$4.00.

EARLY ROSE.
—The standard early sort. Peck 65 cents, bushel \$2.00, barrel \$4.00.

CHAS. DOWNING.
—Very handsome; fine quality. Peck \$1.00, bushel \$3.25, barrel \$7.00.

STATE OF MAINE.
—A medium early; very mealy, white flesh. Peck 75 cts., bushel \$2.25, barrel \$4.50.

MAMMOTH PEARL.

EARLY OHIO.

DAKOTA RED.

WHITE STAR.

CHAS. DOWNING.

CLARK'S No. 1.

EMPIRE STATE.

BEAUTY OF HEBRON.

EARLY ROSE.

STATE OF MAINE.

"NON PLUS ULTRA" (21 DAY SCARLET FORCING).

WHITE TURNIP. SCARLET TURNIP. SCARLET TURNIP, WHITE TIP.

WHITE OLIVE.—Same as the preceding, except in color. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

VIOLET WHITE-TIPPED OLIVE.—Beautiful color and equal in all other respects to the other olive-shaped varieties. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

EARLY LONG VARIETIES.

LONG SCARLET SHORT TOP. (Salmon Short Top.)—Rich scarlet, long shape, short top, straight, smooth, early, crisp, tender, very popular both for market and home use. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

Wood's Early Frame.—Similar to the Long Scarlet, but 10 days earlier and not quite so long, an excellent forcing variety. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

SUMMER VARIETIES.

LONG WHITE VIENNA. (Lady Finger.)—Considered the finest long white radish in cultivation, perfect in shape and snowy white, crisp, juicy and of fine rapid growth. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

GIANT WHITE STUTTGART.—Very large pure white sort, firm, crisp, juicy, does not get pithy, a quick grower and can be used at any stage of growth. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

SUMMER TURNIP BLACK.—A small growing summer sort, recommended for its long standing qualities. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

Summer Turnip White.—One of the best for summer use. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

WHITE STRASBURG.—A large, handsome, white variety, of excellent quality, early. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

BECKERT'S CHARTIER.—Grows to a large size without losing its tenderness; scarlet, tipped with white, long, crisp and tender. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

WINTER SORTS.

ROSE CHINA.—One of the best for winter use, bright rose color, flesh firm, crisp and piquant. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

LONG GRAY WINTER.—Somewhat larger than Black Spanish, splendid keeper and fine quality. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

LONG BLACK SPANISH.—Large growing, black skinned sort, firm, white flesh, mild and crisp. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

ROUND BLACK SPANISH.—Similar to preceding, except in shape. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

LONG WHITE SPANISH.—Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

CALIFORNIA MAMMOTH WINTER.—Very long, flesh white, solid, mild and excellent. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

RADISH

EARLY ROUND TURNIP-SHAPED SORTS. ▲ ▲

The early round radishes are well adapted for forcing on account of their earliness. The tops are small, making them excellent for growing under glass; and their fine shape and color is particularly noticeable and attractive. For market purposes they are unsurpassed. Our seed is very carefully selected, being saved from transplanted stock only.

EARLY ROUND DEEP SCARLET FORCING.—A distinct new type, of perfect form; round and smooth, fine deep scarlet color and short top, flesh white, crisp and pleasant, very quick grower. Pkt. 5c., oz. 10c., lb. \$1.00. Mailing, 8c. lb.

EARLY ROUND SCARLET WHITE-TIPPED FORCING.—Most attractive variety; beautiful scarlet, tipped with white, smooth and even in form; very quick grower and excellent flavor. Pkt. 5c., oz. 10c., lb. \$1.00. Mailing, 8c. lb.

EARLY ROUND WHITE FORCING.—One of the earliest and best for forcing; round, smooth, pure white, small top and tap root; crisp and mild in flavor. Pkt. 5c., oz. 10c., lb. \$1.00. Mailing, 8c. lb.

NON PLUS ULTRA SCARLET FORCING.—This splendid new radish is of fine round form; bright scarlet, short top, fine flavor, of remarkably quick growth and one of the very best of the new forcing radishes. Fit for use in 21 days. Pkt. 5c., oz. 10c., lb. \$1.00. Mailing, 8c. lb.

SCARLET TURNIP.—Very early, round, rich scarlet, small top, one of the best; fine for forcing. Pkt. 5c., oz. 10c., lb. 45c. Mailing, 8c. lb.

WHITE TURNIP.—Same as the preceding, but white. Pkt. 5c., oz. 10c., lb. 45c. Mailing, 8c. lb.

WHITE-TIPPED SCARLET TURNIP.—A small round variety, very attractive, excellent. Pkt. 5c., oz. 10c., lb. 45c. Mailing, 8c. lb.

PHILADELPHIA WHITE BOX. (Felton's.)—Remarkably short top, rapid grower, fine quality, perfect turnip shape, sweet and juicy, long standing, good for forcing, a favorite with Philadelphia market gardeners. Pkt. 5c., oz. 15c., lb. \$1.00. Mailing, 8c. lb.

EARLY OLIVE-SHAPED SORTS.

RED ROCKET.—Olive-shaped, brilliant scarlet, one of the earliest and showiest radishes in cultivation, short top, fine quality and excellent for forcing. Pkt. 5c., oz. 15c., lb. \$1.00. Mailing, 8c. lb.

FRENCH BREAKFAST.—An oval sort, scarlet, with white tip, crisp, tender. Pkt. 5c., oz. 15c., lb. 50c. Mailing, 8c. lb.

SCARLET OLIVE.—Oblong, scarlet, tender, good forcer. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

SCARLET OLIVE.

WHITE OLIVE.

VIOLET OLIVE, WHITE TIP.

CHARTIER RADISH.

★ SQUASH ★

SUMMER VARIETIES.

NEW MAMMOTH WHITE BUSH SCALLOP.—Equally as early and much larger than the White Scallop, or Patty-Pan, grows 12 to 15 ins. in diameter, very uniform and wonderfully prolific. Pkt. 5c., oz. 10c., lb. 75c. Mailing 8c. lb.

NEW WHITE PINEAPPLE.—Skin and flesh creamy white, very fine grained, splendid flavor, vigorous, productive; can be used quite early; good both as a summer and winter variety. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

WHITE PINEAPPLE SQUASH.

oblong yellow fruit, very rich and tender. Pkt. 5c., oz. 15c., lb. \$1.25. Mailing, 8c. lb.

FALL AND WINTER SORTS.

FORDHOOK.—The earliest of the winter squashes, bright yellow, sweet, dry, and very thick meat, immensely productive; a good keeper, handsome appearance, and splendid quality. Pkt. 10c., 3 pkts. 25c.

SIBLEY OR PIKE'S PEAK.—A very distinct variety, hard shelled, pale green, thin, and flinty; flesh brilliant orange, solid and thick, rich, dry, and splendid flavor. Grows to moderate size—from 8 to 11 lbs.—is remarkably vigorous, ripening about with the Hubbard. A splendid keeper; retaining its fine flavor, and remaining perfectly sound until the last of March. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

VALPARAISO.—A South American variety, of large size and fine quality; enormously productive, popular—a distinct acquisition. Pkt. 5c., oz. 10c., lb. 8c. Mailing, 8c. lb.

CANADA WINTER CROOKNECK.—The best winter crookneck, small size, very productive. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

TURBAN.—The best autumn squash. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

LOW'S BAY STATE.—Introduced in 1888; resembles somewhat the Essex Hybrid; shell very hard, color blue, very heavy and solid. Pkt. 5c., oz. 10c., lb. 75c. Mailing, 8c. lb.

COCOANUT.—Small, yellow, very prolific, good and solid, excellent for home use. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

PINEAPPLE.—Skin and flesh creamy white, fine grained, good quality; has a peculiar cocoanut flavor. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

BUTMAN.—Skin green, flesh yellow, fine grained, sweet, excellent for winter. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

BOSTON MARROW.—A standard fall variety, skin and flesh orange, rich and tender. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

HUBBARD.—The best winter squash, large, fine grained, good quality, a good keeper and very popular. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

MARBLEHEAD.—Somewhat in the way of the preceding, but with harder shell of a bluish color; good winter squash. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

VEGETABLE MARROW.—An English variety with sized summer squash, and very sweet; rapid oz. 10c., lb. 70c. Mailing, 8c. lb.

PERFECT GEM.—Round, handsome, productive, excellent quality; good both as a summer or winter variety. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

EARLY WHITE BUSH SCALLOP.—Cream colored, scalloped, early, productive, medium size, the best for early market, excellent shipper. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

EARLY YELLOW BUSH SCALLOP.—Like the preceding, except in color. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

SUMMER CROOKNECK.—The best summer variety, early and prolific, skin yellow, warty, excellent quality. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

BRAZIL SUGAR.—A medium-flesh and skin yellow, rich, dry, grower, and very prolific. Pkt. 5c., oz. 10c., lb. 55c. Mailing, 8c. lb.

BAY STATE SQUASH.

CANADA CROOKNECK.

SALSIFY • OR • OYSTER • PLANT.

White French.—The standard sort. Pkt. 5c., oz. 15c., lb. \$1.40. Mailing, 8c. lb.

MAMMOTH SANDWICH ISLAND.—A greatly improved variety, producing roots almost double the size and weight of the *White French*. Quality unsurpassed. This variety is now

being grown by truckers in the vicinity of Philadelphia and other large cities to the exclusion of the old variety almost altogether. Undoubtedly the best variety of oyster plant in cultivation. Pkt. 5c., oz. 20c., lb. \$1.65. Mailing, 8c. lb.

SANDWICH ISLAND MAMMOTH SALSIFY.

SCORZONERA, OR BLACK OYSTER PLANT.

This vegetable closely resembles salsify, and requires the same treatment. Pkt. 10c., oz. 25c., lb. \$2.25. Mailing, 8c. lb.

SCORZONERA.

SPINACH.

Special Rates by the Bushel to Truckers and Large Growers.

Round Leaved Flanders.—Round leaved, productive, excellent. Pkt. 5c., oz. 10c., lb. 25c. Mailing, 8c. lb.

LARGE ROUND, THICK-LEAVED VIROFLAY.—Resembles the Round Flanders, but has much larger heads and leaves; magnificent cropper and may be sown nearly all the year round. Requires high cultivation. Especially recommended for autumn sowing. Pkt. 5c., oz. 10c., lb. 20c. Mailing, 8c. lb.

VIROFLAY SPINACH.

NEW LONG STANDER (Catillon).—Unequaled for spring sowing, as it will stand the heat longer without running to seed than any other variety. The leaves are large, round, dark green, crumpled, and grow in compact, thick-set tufts. Our stock is *true Catillon* and *extra selected*, and is not to be confounded with the ordinary stocks of *Long Stander*. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

TRUE AMERICAN SAVOY SPINACH (Bloomsdale).—The most productive of all and the hardest. Beautifully wrinkled leaves, like a Savoy cabbage; very large, thick and succulent. May be sown all through the season, but is markedly superior for fall sowing. *True stock*. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

Large Prickly, or Winter.—A vigorous growing, hardy variety, for fall sowing. Pkt. 5c., oz. 10c., lb. 25c. Mailing, 8c. lb.

NEW ZEALAND SPINACH.—Supplies the place of ordinary spinach during the hottest months of the year, or in dry, arid localities, where the ordinary spinach does badly. The seed is sown where the plants are to stand in May, and the plants yield a continuous supply of leaves with hardly any attention. Pkt. 5c., oz. 10c., lb. 75c. Mailing, 8c. lb.

TRUE AMERICAN SAVOY SPINACH.

MAMMOTH RUSSIAN SUNFLOWER.

THE GIANT AMONG SUNFLOWERS.

This gigantic variety of sunflower will produce double the crop of any other variety. It is one of the most profitable crops; the seeds being used for poultry feed, and for this purpose are the best egg-producers extant. Besides this they are good for horses, and yield a considerable quantity of oil. The leaves make excellent fodder, being relished by all kinds of stock. The stalks are good for fuel, and there is absolutely no waste whatever in the whole crop, which, on an average, costs less to produce than corn. As high as a hundred and twenty-five bushels have been harvested from one acre. Pkt. 5c., qt. 15c. Mailing, 10c. per qt. By express or freight, \$2.00 per bushel.

MAMMOTH SUNFLOWER.

TOBACCO.

CONNECTICUT SEED LEAF.—Extensively grown in the Eastern and Middle States for cigar wrappers. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

HAVANA.—Saved from selected plants. Pkt. 5c., oz. 20c., lb. \$1.75. Mailing, 8c. lb.

SKIRRET.

The roots of this plant are plump and fleshy, and sweet. Cooked and used as salsify. Sow in drills 1 foot apart, covering the seeds half an inch. Thin out 8 inches apart. Take up the roots in the fall and store them in sand or earth. Pkt. 5c., oz. 30c., lb. \$2.00. Mailing, 8c. lb.

SORRELL.

Sow in April or May, in drills 15 inches apart, and thin out to 12 inches apart in the rows. By midsummer the leaves will be large enough for gathering. Pinch off the flower stalks as they appear. It is used in the same way as spinach, and is often mixed with that vegetable. The French are far more alive to the value of sorrel than we are, their cooks holding it in even higher estimation than spinach. Ought to be more largely grown. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

TOMATOES.

quality and a fine yielder. Pkt. 5c., oz. 25c., lb. \$2.50.

LORILLARD FORCING.—Possesses extra good forcing qualities, ripens very uniform over the whole surface; very solid, smooth, and well flavored; early, productive, handsome; a splendid variety for open air as well as forcing. Pkt. 10c., oz. 30c.

VOLUNTEER.—This splendid variety originated in one of the large truck farms of Long Island, and is remarkable for size, earliness and fine quality. Skin bright red, smooth and handsome; enormously productive and very popular. We cannot recommend this variety too highly. Pkt. 5c., oz. 25c., lb. \$2.50. Mailing, 8c. lb.

BEAUTY (Livingston).—Crimson, tinged with purple; round, smooth and glossy; excellent quality, solid and free from core, early, vigorous and a good shipper; very distinct and handsome. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

PEACH TOMATO.—This variety resembles a peach very closely and is appropriately named the "Peach Tomato." The flesh is solid, rich and finely flavored. Productive and excellent. Pkt. 5c., oz. 25c.

Acme.—Medium size; early; productive; dark rich red; solid, fine flavored. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

Cardinal.—Skin bright cardinal; flesh deep red, firm, solid; no core; round, smooth, handsome. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

Trophy.—A standard medium early. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

FAVORITE.—Large early sort, resembling *Perfection*, but larger and darker in color. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

DWARF CHAMPION.—The distinguishing characteristic of this variety is its sturdy habit of growth, which makes the plant self-supporting—a feature possessed by no other variety. Fruits purplish pink, smooth and symmetrical; early, very productive, fine quality. Pkt. 5c., oz. 25c., lb. \$2.50. Mailing, 8c. lb.

PARAGON.—A large medium early; dark red; solid; excellent quality. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

GOLDEN QUEEN.—Medium early; smooth, round, handsome; very productive, and excellent quality. Pkt. 5c., oz. 25c., lb. \$2.50. Mailing, 8c. lb.

MAYFLOWER.—Large, smooth, bright red; fine quality; good yielder. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

PERFECTION (Livingston).—Large, early, blood red; sweet, firm flesh of fine quality; productive, excellent. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

IGNOTUM (New).—Among the earliest, if not the very earliest, in cultivation; magnificent bearer; large, sweet, handsome, deep red; very heavy and solid; almost seedless; no core, splendid flavor, and does not crack or rot. There being few seeds in the fruits, the seeds are necessarily expensive. Beware of spurious seeds! Buy only from houses of good reputation. Pkt. 10c., oz. 75c.

EXTRA EARLY ADVANCE.—One of the very earliest tomatoes, of first-class quality and good size; very productive and continues to bear for a long time. The fruits are bright red, very solid, and without core. Pkt. 5c., oz. 25c., lb. \$2.50. Mailing, 8c. lb.

NEW POTATO LEAF.

A distinct and excellent new sort, resembling the *Acme* in color. It is remarkable for its firmness of fruit and fine cropping qualities; fruits smooth, even.

second early, very hardy and continuous bearer. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

THE SHAH.—This splendid new golden yellow tomato is a sport from the celebrated red variety—*Mikado* (or *Turner Hybrid*)—and is identical, except in color, having the same distinct foliage, and fruits of enormous size, solidity and productiveness. Pkt. 5c., oz. 25c.

THE MIKADO.

Very large, solid, free from core and almost seedless; round and even; skin bright red, smooth; excellent

Mailing, 8c. lb.

CARDINAL.

THE MIKADO (RED) AND THE SHAH (YELLOW) SLICED.

for preserves. Pkt. 5c., oz. 20c., lb. \$2.00. Mailing, 8c. lb.

YELLOW PLUM.—Small, bright yellow; oval; for preserves. Pkt. 5c., oz. 30c., lb. \$3.00. Mailing, 8c.

STRAWBERRY TOMATO (Ground Cherry)—(Alkekengi).—Small fruit, about the size of a cherry; used for preserves. Pkt. 5c., oz. 30c., lb. \$3.00. Mailing, 8c. lb.

Alternate slices of Red and Yellow Tomatoes make one of the most ornamental dishes that can be put on the table.

Try the Shah and the Mikado. Magnificent Red and Yellow sorts.

TURNIPS

Our seeds are grown from selected, transplanted roots, thoroughly rogued during growth, and grown and harvested with great care. Customers can save time and expense by ordering their turnip seeds along with their general order.

LONG ISLAND IMPROVED PURPLE-TOP RUTA-BAGA.

This is undoubtedly the finest variety of purple top in cultivation and is purely of American origin, having originated with one of our foremost Long Island growers, by whom it has been selected and cultivated with great care until it is now conceded to be superior to all other varieties for its size, quality and handsome appearance. Twice the size of ordinary purple-top ruta-baga. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

COW-HORN.—Rapid grower, fine flavor, excellent for home or market use. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

ORANGE JELLY.—Round, deep yellow, firm, excellent, sweet; good keeper. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

JERSEY NAVET.—Delicate flavor, sweet and excellent. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

EXTRA EARLY PURPLE-TOP MILAN.—An extremely early variety, medium size, smooth, flat, bright purple top, leaves few and small, quality excellent, crisp, juicy and sweet; a splendid acquisition. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

PURPLE TOP MUNICH.—A very early variety, white with purple top, good shape and quality; productive. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

WHITE EGG.—Large, oval, pure white, smooth skin, excellent quality, fine for fall crop. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

EARLY FLAT DUTCH WHITE.—An early, flat, white excellent quality, popular. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

RED TOP FLAT. (Strap-Leaved).—Similar to preceding, but with purple top; the most popular table turnip in cultivation; excellent. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

PURPLE TOP GLOBE.—A popular early white-fleshed sort, with globe-shaped bulb, growing to a large size, quick grower, splendid quality and a good keeper; excellent either for early crop or for winter. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

ABERDEEN GREEN TOP YELLOW.—Globe-shaped, large, firm, yellow flesh, sweet and excellent, an old favorite. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

GARDINER'S SELECT GOLDEN BALL.—Round, deep yellow; flesh firm and sweet; one of the handsomest varieties in cultivation.

perfect in shape, and of a beautiful deep golden yellow; it is a splendid keeper, and unsurpassed as a table sort; highly recommended. Pkt. 5c., oz. 15c., lb. 75c. Mailing, 8c. lb.

GARDINER'S EARLY WHITE MODEL.—In shape this resembles the preceding, and is equally valuable for home use; the handsomest and best white turnip for the table; all who have tried it pronounce it perfection. Pkt. 5c., oz. 15c., lb. 75c. Mailing, 8c. lb.

POMERANIAN WHITE GLOBE.—An excellent table variety, in addition to its great merit as a stock-feeding sort; hardy, fine cropper. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

RUTA-BAGA, OR SWEDE TURNIP

BREADSTONE (New).—One of the best of the ruta-bagas for table; medium size; smooth, white skin; flesh white, fine grained and very sweet; recommended as a table variety for winter and spring use. Pkt. 5c., oz. 15c., lb. \$1.50. Mailing, 8c. lb.

GREEN-TOP SWEDE.—Fine, uniform shape; solid, firm, yellow flesh; small neck; very productive. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

PURPLE-TOP SWEDE.—Large, solid, fine shape, good quality; a heavy cropper. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

LAING'S SWEDE.—An early yellow flesh; excellent for home use. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

SWEET GERMAN SWEDE.—Globe shaped, white flesh, good flavor. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

WHITE FRENCH.—Oval shaped; clear, white flesh; an excellent winter variety. Pkt. 5c., oz. 10c., lb. 30c. Mailing, 8c. lb.

SWEET, POT AND MEDICINAL HERBS, AND SUNDRY VEGETABLES

FRENCH THYME.

BASIL, SWEET.

CONOVER'S COLOSSAL ASPARAGUS.

THYME (*Thymus vulgaris*).—A highly aromatic herb, the young tops and leaves of which are used in soups, stuffings and sauces. Pkt. 5c., oz. 30c.

BASIL, BUSH (*Ocimum minimum*).—The leafy tops have a strong flavor of cloves, and are used in highly seasoned dishes, and sometimes in salads and soups. Pkt. 5c., oz. 20c.

BASIL, SWEET (*Ocimum basilicum*).—A larger growing variety of the preceding. Pkt. 5c., oz. 20c.

SORREL (*Rumex crispus*). **SWEET MARJORAM**.—Used green in the same way as, and by many preferred to, spinach. Pkt. 5c., oz. 20c.

Anise, Borage, Bene, Burnet, Caraway, Coriander, Dill, Fennel, Pot Marigold, Summer Savory, Winter Savory, Wormwood. All 5c. per pkt., 20c. per oz.
 Arnica, Balm (Melissa), Catnip, Horehound, Hyssop, Lavender, Lovage, Pennyroyal, Rosemary, Rue, Woodruff (Maitrank). All 10c. per pkt., 50c. per oz.

MARJORAM, SWEET (*Origanum marjorana*).—A very relishing herb, with a sweet, aromatic flavor; much used in soups and stuffings. The tops and leaves are used both in the green and dry state. Pkt. 5c., oz. 25c.

MARJORAM, POT (*Origanum onites*).—A perennial variety of marjoram, used in the same ways as the preceding. Pkt. 10c., oz. 40c.

SAGE (*Salvia officinalis*).—The leaves are used in sauces and stuffings, and to improve the flavor of various articles of cookery. Pkt. 5c., oz. 20c., lb. \$1.40. Mailing, 8c. lb.

SAGE.

MISCELLANEOUS VEGETABLES

ARTICHOKE, GREEN GLOBE.—A large, very highly-flavored variety. The best for general crop. Pkt. 10c., oz. 30c.

JERUSALEM ARTICHOKE, ROOTS.—20c. lb., \$2.00 per bush. Mailing, 8c. lb.

MARTYNIA.—The seed pods, when young, are used for pickles, and by many are considered superior to the cucumber itself. Pkt. 10c., oz. 35c.

NASTURTIUM.—The young seed pods are much esteemed for capers, making very delicate pickles. Running vine of the easiest culture. A full assortment of the large flowering and beautiful colored varieties will be found under the head of "Flower Seeds," in this catalogue.

GREEN GLOBE ARTICHOKE.

LARGE-SEEDED PICKLING.—The favorite pickling sort. Pkt. 5c., oz. 15c., lb. \$1.00. Mailing, 8c. lb.

SCOLYMUS.—A vegetable used in the same way as Salsify. Pkt. 5c., oz. 20c.

COLLARDS, OR COLEWORT.—Almost any variety of green cabbage will make good collards, but the strain known as "Georgia collards" is the popular sort in the South.

COLLARDS OR COLEWORT.

IMPROVED DWARF EARLY OKRA.

ASPARAGUS, CONOVER'S COLOSSAL.—The standard sort. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb. Two-Year-Old Roots, by express, \$1.00 per 100, \$5.00 per 1,000.

BARR'S MAMMOTH.—A magnificent new variety, large, productive, superior quality, a great acquisition. Two-Year-Old Roots, by express, per 100 \$1.50, per 1,000 \$6.00.

MUSTARD, WHITE.—The best for salads; the seeds are also used for mixing with pickles and for preserving cider. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

BROWN.—The mustard of commerce; more pungent than the white for this purpose. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

NEW CHINESE.—Larger than the white; highly esteemed for salads in the South. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

HORSE RADISH.

HORSE RADISH.—Nice large roots, 6 inches long, 5c. each, 40c. per doz. Mailing, 5c. doz.

RHUBARB, VICTORIA

—Pkt. 5c., oz. 25c., lb. \$1.75. Mailing, 8c. lb.

Roots by express, \$2.00 per doz., \$5.00 per 100.

LINNAEUS.—Pkt. 5c., oz. 25c., lb. \$1.75. Mailing, 8c. lb.

Roots by express, \$2.00 per doz., \$5.00 per 100.

CHINESE MUSTARD

OKRA, OR GUMBO.—A very popular plant in the South for stews and soups.

Improved Dwarf Early.—Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

WHITE VELVET. (New).—A very distinct new variety, with smooth, round pods of a white, velvety appearance; tender and fine-flavored, extra large and very productive. Pkt. 5c., oz. 10c., lb. 85c. Mailing, 8c. lb.

CHICORY, LARGE-ROOTED.—The chicory of commerce, also makes a good salad by blanching the leaves. Pkt. 5c., oz. 10c., lb. 80c. Mailing, 8c. lb.

"WITLOOF," OR LARGE-ROOTED BRUSSELS.—Excellent, both as a salad and vegetable. In the fall the roots are taken up, the leaves cut off and the roots

planted one inch apart in a trench one foot deep and eight inches between the rows. Cover with fine soil eight inches thick, and, over all, place a layer of manure, two or three feet thick. The "Witloof" will be produced three weeks afterwards in the intermediate cover of soil. Pkt. 5c., oz. 10c., lb. 90c. Mailing, 8c. lb.

"WITLOOF."

MANGEL-WURZEL.

The following varieties are grown entirely for feeding stock, and are one of the most important and valuable crops on which the farmer has to depend for a plentiful supply of fresh and healthful stock feed. From a single acre of land in good condition, 30 or 40 tons are frequently harvested, and exceptional crops of 50 and even 60 tons are recorded. Sow at the rate of 4 to 6 pounds per acre.

MAMMOTH LONG RED MANGEL.—Very large and productive; a much improved strain. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

MAMMOTH LONG YELLOW MANGEL.—Similar to preceding, except in color. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

KINVER YELLOW GLOBE.—Bright yellow, large, productive, profitable, fine quality. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

RED GLOBE MANGEL.—Large, productive, fine keeper. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

GOLDEN TANKARD MANGEL.—Bright yellow, large, handsome, heavy cropper, splendid quality; one of the finest mangels; as high as 70 tons per acre is recorded for this variety. Pkt. 5c., oz. 10c., lb. 40c. Mailing, 8c. lb.

NEW JAPANESE BUCKWHEAT.

This new variety has proven itself to be a decided acquisition. It is a splendid yielder, being superior in this respect to the Silver Hull, which was always considered, up till now, the best of all.

The Japanese Buckwheat is more branching in habit than any other, and can be sown much thinner, thus requiring

MAMMOTH LONG RED MANGEL.

HICKORY KING

△ SUGAR △ BEETS △

IMPROVED WHITE SUGAR BEET.—Does not grow quite so large as the mangels, but is much sweeter, and unsurpassed as a feed for milch cows, greatly improving the quality and yield of the milk. Extensively grown for making sugar. Pkt. 5c., oz. 10c., lb. 50c. Mailing, 8c. lb.

VILMORIN'S IMPERIAL WHITE SUGAR BEET.—A French variety, superior to all others in sugar-producing qualities; very popular. Pkt. 5c., oz. 10c., lb. 65c. Mailing, 8c. lb.

considerably less seed to sow down an acre. In addition to its great productiveness, it is at least from 7 to 10 days earlier, and makes better flour than any other kind of buckwheat. Pkt. 5c., oz. 10c., lb. 20. Mailing, 8c. lb.

25 Peck, 10c., bush. \$1.25. Write for special low rates on large quantities.

FIELD CORN.

CLOUD'S EARLY DENT CORN.—An excellent variety; very productive and early. Pkt. 10c., qt. 20c. (mailing, 15c. qt.), peck 50c., bush. \$1.50.

HICKORY KING CORN.—New white corn; large kernels, very small cob; medium early; remarkably productive. Pkt. 10c., qt. 20c. (mailing, 15c. qt.), peck 65c., bush. \$1.75.

FIELD CORN

Mailing Sc. lb., 15c. qt. additional to undernoted prices.

SELF-HUSKING.—The husks of this sort open naturally half-way down the ear. Pkt. 10c., pint 15c., qt. 25c. \$4.00 per bush., \$1.25 per peck.

LEAMING.—Small cob, deep grains; reliable, productive. Pkt. 10c., pint 15c., qt. 25c. \$1.50 per bush., 50c. per peck.

PRIDE OF THE NORTH.—The earliest Dent Corn for the North. Pkt. 10c., pint 15c., qt. 25c., bush. \$1.50, peck 50c.

CHESTER CO. MAMMOTH.—The best Dent Corn for the South and West. Pkt. 10c., pint 15c., qt. 25c., bush. \$1.50, peck 50c.

BLUNT'S PROLIFIC.—A white flint; very prolific. Pkt. 10c., pint 15c., qt. 25c. By express, peck 50c., bush. \$1.40.

LONGFELLOW.—Long yellow flint, large kernel, small cob; excellent for main crop; early, very prolific. Pkt. 10c., pint 15c., qt. 25c., peck 50c., bush. \$1.75.

EARLY CANADA.—Very early, eight-rowed, handsome, well-filled ears; immense cropper, fine for high latitudes. Pkt. 10c., pint 15c., qt. 25c., peck 50c., bush. \$1.75.

SWEET FODDER.—The second selection Stowell's Evergreen; specially saved for fodder. Pkt. 10c., pint 20c., qt. 35c., peck 50c., bush. \$1.35.

GOLDEN DENT.—Grains very deep; cob bright red, extremely small, and well filled. Early, prolific, easy to shell; does not harden too much; nutritious and easily digested; very popular, and highly recommended. By mail, pkt. 10c., qt. 25c., peck 50c., bush. \$1.50.

KAFFIR CORN.

A non-saccharine Sorghum, distinctly different in habit of growth and other characteristics from all others of that class. The plant is low, growing only six feet high in rich soil, stocky, perfectly erect; the foliage is wide, alternating closely on either side the stalks. It does not stool from the root, but branches from the top joints, producing from two to four heads of grain from each stalk. The heads are long, narrow, and perfectly erect, well filled with white grain. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed, cattle, mules and horses being equally fond of it. If cut down to the ground two or more shoots spring from the root, and the growth is thus maintained until checked by frost. It has the quality common to all the sorghums of resisting drouth. If the growth is checked by want of moisture, the plant waits for rain and then at once resumes its processes. Pkt. 10c., lb. 30c., 100 lbs. \$15.00.

PEAS.

CANADA FIELD. Valuable for Northern climates for cattle feeding. Qt. 20c., bush. \$1.50.

TEOSINTE (REANA LUXURIANS).

A valuable fodder plant from Central America, resembling in growth Indian Corn. Well adapted for all of our Southern States. Oz. 15c., lb. \$1.50, 100 lbs. \$100.00.

SORGHUM.

YELLOW BRANCHING SORGHUM.—Is tall, nine to twelve feet, stooling from the ground like the Rural Branching or Millo Maize, but not so much. It sends out shoots also from the joints. The seed heads grow to great size on good land, often weighing three-fourths of a pound, sometimes a full pound after being fully ripe. These heads are set close and solid, with a large plump grain, double the size of White Millo, and of deep golden-yellow color. It possesses all the vigor and vitality of other Sorghums. It is non-saccharine; useful only for the large amount of forage, green feed or cured fodder that it furnishes, and for its grain, which is fine in appearance, abundant, easily handled, and well eaten by mules, horses, cows and hogs. This sort is earlier than the Rural Branching variety. Lb. 35c., 100 lbs. \$15.00.

RURAL BRANCHING SORGHUM (Millo Maize).—This non-saccharine Sorghum was introduced a few years since. Its great merit is that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. This is one of the most valuable of all forage plants for tropical climates. Lb. 35c., 100 lbs. \$15.00.

BROOM CORN. Plant in rows 3 feet apart, and thin to 3 inches apart in the row. Any good corn soil is suitable. **IMPROVED EVERGREEN.**—The best variety. Pkt. 10c., pint 20c., qt. 35c., bush. \$4.00, peck \$1.25.

GRAINS.

BLUNT'S PROLIFIC CORN.

BARLEY. (48 lbs. to bush.)—Champion Two-Rowed Vermont.—Early and prolific. Qt. 20c., bush. \$1.40.

BUCKWHEAT. (35 lbs. to bush.)—American Silver Hull.—Earlier and more productive than the common. Qt. 20c., bush. \$1.00.

OATS. (32 lbs. to bush.)—Welcome. Heavy grain and very productive. Qt. 15c., bush. \$1.00.

White Russian.—A standard, early productive sort. Qt. 15c., bush. \$1.00.

Clydesdale.—Very early and remarkably heavy. Qt. 15c., bush. \$1.50.

RYE. (56 lbs. to bush.) Spring.—Qt. 15c., bush. \$1.75. Winter Excelsior.—Qt. 15c., bush. \$1.50.

WHEAT. (60 lbs. to bush.) **Mediterranean** (Bearded).—Winter. Qt. 15c., bush. \$1.50. **Armstrong or Landreth** (Beardless).—Winter. Qt. 15c., bush. \$2.00. **New York Spring.**—Spring. Qt. 15c., bush. \$2.00. **White Russian** (Beardless).—Spring. Qt. 20c., bush. \$2.50. **Saskatchewan** (Beardless).—Spring. Qt. 20c., bush. \$2.50. **Scotch Fife** (Beardless).—Spring. Qt. 20c., bush. \$2.50.

EARLY CANADA CORN.

EARLY CANADA CORN.

GOLDEN DENT CORN.

LONGFELLOW CORN.

"The man who can make two blades of grass grow where only one grew before, will deserve better of his country and mankind than all the race of politicians put together."
—DEAN SWIFT.

The experience of the past few years has clearly demonstrated that farming in the United States is but in its infancy, and that we are only just awakening to the possibilities of profit in the future. The recent introduction of several new grasses and forage plants has excited an interest, and through the instrumentality of the Department of Agriculture and others, has given an impetus to grazing and stock feeding that is destined, ere long, to revolutionize the old order of things. Much yet remains to be done in the way of experiment with new plants. We are only on the threshold of discovery, but sufficient has been ascertained to encourage us to renewed effort, and for the present we are thankful to the pioneers for what has been attained. The merits of Orchard Grass, Lucerne, Johnson Grass, Texas Blue Grass, Japan Clover, etc., have now been fully established, and it is of the greatest importance to the farming interests that they be widely disseminated. We are headquarters for these and all other grasses.

A descriptive and illustrated list of all the grasses mentioned below, containing tables for mixtures of grasses and clovers for PERMANENT PASTURE, LEY PASTURE, HAY, etc., will be mailed free to any one interested. This list contains much valuable information and should be in the hands of all progressive farmers.

GRASS SEEDS.

The prices here given are those holding at first of January and are subject to variation during the season. We, therefore, do not bind ourselves to fill orders at these prices should the market vary; but customers can depend on receiving lowest market rates at all times. Those desiring samples for trial only will please add 8c. per pound to the pound prices for mailing.

Timothy—45 lb. per bush. three grades, \$1.75, \$2.00, \$2.50 per bush.
Red Top—10 lb. per bush. three grades, soc., 80c., and \$1.20 per bush.

GARDINER'S STAR BRAND FANCY RE-CLEANED RED TOP.—Entirely free from chaff. Every pound will go as far as three of ordinary Red Top. Try it once and see.
Per lb., 15c.; per 100, \$12.00.

Rhode Island Bent—12 lb. per bush. one grade, \$2.50 per bush.

Kentucky Blue—14 lb. per bush. three grades, \$3.00, \$3.50, \$4.00 per bush.

Orchard Grass—14 lb. per bush. three grades, \$1.85, \$2.15, \$2.50 per bush.

Fowl Meadow—10 lb. per bush. \$2.25 per bush.

MILLETS.
American Millet—50 lb. per bush. three grades, 95c., \$1.20, \$1.35 per bush.
German or Golden Millet—50 lb. per bush. three grades, \$1.10, \$1.30, \$1.50 per bush.

Hungarian Millet—48 lb. per bush. three grades, \$1.00, \$1.20, \$1.40 per bush.

SPECIAL GRASSES AND CLOVERS FOR THE SOUTH AND WEST.

GRASSES.

Bermuda Grass (*Cynodon dactylon*).—There is probably no grass so valuable as this for summer pasture in the Southern States. It is unsurpassed for nutritious quality, and the yield per acre is very large—two and a half to four tons. It is very easily cultivated, stands the drought well, and gives splendid green pasture for eight months in the year. Sets by mail, post-paid, 75c. per lb.; by express or freight, \$4.00 per bush.; \$8.00 per bbl.

Louisiana Grass (*Paspalum dilatatum*).—A valuable pasture grass, furnishing excellent green feed at all seasons of the year, except in the very coldest weather. Grows from two to five feet high, and succeeds well on dry soil. Has very long roots, and resists drought remarkably. Will bear trampling better than Johnson grass. Propagated by seeds and sets. Price of sets, 75c. per 100; \$6.00 per 1,000. Seed, 75c. per pint.
Texas Blue Grass (*Poa arachnifera*). One of the finest grasses for winter pasture in the Gulf States, furnishing a rich green pasture, not unlike the Kentucky Blue Grass, from October to May. Texas Blue Grass for winter and Bermuda Grass for summer pasture have now taken their rank as standbys for Southern farmers. It can be eaten quite close five or six times during the winter—one acre of this grass being sufficient to keep four head of stock. Sets by express, \$3.00 per 1,000; sets by mail, 50c. per 100.

JOHNSON GRASS (*Sorghum halapense*).—This grass is becoming more popular every year, not only with farmers South and West, but also as far north as New Jersey. In Texas and other cattle-producing States farmers are planting largely increased areas of Johnson Grass every year, which is sufficient evidence of the value they place on it. It has broad, rich green foliage, and belonging to the Sorghum family it is very rich in saccharine matter and makes most excellent hay for all kinds of stock. By mail, post-paid, 30 cts. per pound; by freight or express, half bush., \$1.60; bush., \$3.00; 4 bush. at \$2.70 per bush.

CLOVERS.

Choice Red Clover—three grades, 8½, 9½, 11 cts. per lb.
Mammoth Red Clover—12 cts. per lb.
Alsike or Swedish Clover—three grades, 18, 20, 25 cts. per lb.
Lucerne or Alfalfa—three grades, 18, 20, 22 cts. per lb.
White Clover—three grades, 20, 25, 30 cts. per lb.
Saintfoin Clover—three grades, 12, 14, 18 cts. per lb.

CLOVERS.

JAPAN CLOVER (*Lespedeza striata*).—This valuable clover is not a new discovery, but has heretofore been so scarce that seeds of it in commerce were rarely to be met with. It is more nutritious than red clover, and makes splendid hay. All kinds of stock relish it to a remarkable extent, and if it were not for the scarcity of the seed this variety would be very largely grown. Grows well on almost any soil and we believe it is destined to be the staple forage plant for pasturing in the South. We cannot recommend it too highly. We have a limited quantity of seed on hand, and as long as stocks hold out, will sell at the following prices: By mail, post-paid, 40 cts. per lb.; by express or freight, 10 lbs. (sufficient for one acre) for \$3.00; 50 lbs., \$12.00.

Mellilotus or Bokhara Clover (*Honey Plant*; *Melilotus alba*).—Grows vigorously on the poorest soil and possesses valuable properties as a fertilizer. Extensively grown in the South, both for grazing and for hay, but its chief value is for soiling, for which purpose it may be cut two or three times during the season. The plant is biennial in duration, growing about two feet high the first year and attaining its full growth of about four feet the second. Sown in the South generally in the fall, but can be sown either fall or spring. Fifteen pounds to the acre. By mail, post-paid, 50c. per lb.; by express or freight, per lb., 35c.; 15 lbs., \$3.75; 50 lbs., \$11.00; 100 lbs., \$20.00.

California Bur Clover (*Medicago denticulata*).—Valuable for winter pasture in the South. All stock eat it freely when they have acquired a taste for it, and the burs left on the ground provide food for hogs and sheep. Succeeds much better than red clover on the coeane formation, and is besides much superior as a winter plant. It is of annual duration, but re-seeds itself. Sow at the rate of ten pounds to the acre. By mail, post-paid, 40c. per lb.; by express or freight, 10 lbs., \$3.00; 50 lbs., \$12.00.

THE LAWN BEAUTIFUL.

Our Pamphlet on Lawns and Lawn Requisites mailed free on application.

No. 28. Gardiner's "Popular" Evergreen Lawn Grass Mixture.

This mixture is designed specially for those with large estates, and for public parks and cemeteries, where a good lawn is wanted at a moderate figure. Some of the more expensive sorts are reduced or left out, in order to bring the price down to a very low limit. This mixture is also over the standard weight of 14 lbs., but is sold by weight—i. e., 14 lbs. per bushel.

TABLE SHOWING THE PROPORTIONS OF THE DIFFERENT GRASSES WHICH COMPRISE OUR SPECIAL MIXTURE No. 28:

Kentucky Blue Grass (<i>Poa pratensis</i>)	4.571
Rhode Island Bent (<i>Agrostis canina</i>)	4.000
Fine-leaved Fescue (<i>Festuca tenuifolia</i>)	1.774
English Rye Grass (<i>Lolium perenne</i>)	2.285
Sweet Vernal (<i>Anthoxanthum odoratum</i>)	.572
White Clover (<i>Trifolium repens</i>)	.358

Total per acre—3½ bushels of 14 lbs.,	14.000
Price, in lots of 1 acre and under, \$2.75 per bushel, 75c. per peck, 20c. per qt. Mailing, 5c. per qt.	
Price, in lots of 1 to 5 acres,	\$2.61 per bush.
" " 5 to 10 acres,	2.47 "
" " 10 to 20 acres,	2.34 "

GARDINER'S "SPECIAL" MIXTURES —FOR— PERMANENT EVERGREEN LAWNS.

To produce a fine lawn from seed, those varieties of grasses that are evergreen in their nature should be used, and all those that have a rank habit like Timothy, or a tufty growth like Orchard Grass, should be avoided. A tolerable sward can be made by simply sowing Red Top or Blue Grass, and where price is an object, or where large spaces are to be covered that are not particularly prominent, these may be used with perhaps the addition of a pound of White Clover to every bushel, but to make a really beautiful velvety lawn, the addition of the fine-leaved, deep green sorts, such as Sweet Vernal, Fine-leaved Fescue, etc., is imperatively necessary, and in a croquet or tennis ground, where there is a great deal of trampling, the hardy and persistent Crested Dog's-tail and Hard Fescue are indispensable.

No. 27. Gardiner's "Special" Evergreen Lawn Grass Mixture.

This is the very finest mixture that can be made, and should always be used where a very fine lawn is wanted. It is good for croquet greens, tennis grounds, etc., and is recommended above all others, where the very best effect is desired. The seed is extra clean and extra heavy, and will weigh per bushel much over the standard weight of 14 lbs. But we quote per bushel of 14 lbs. in order to avoid confusion, and although the bulk is less the proportion of good seed is much larger than in ordinary samples. We sell by weight—14 lbs. per bushel—not by the measured bushel.

TABLE SHOWING THE PROPORTIONS OF THE DIFFERENT GRASSES WHICH COMPRISE OUR SPECIAL MIXTURE No. 27:

Kentucky Blue Grass (<i>Poa pratensis</i>)	2.557
Rhode Island Bent (<i>Agrostis canina</i>)	2.857
Fine-leaved Fescue (<i>Festuca tenuifolia</i>)	1.714
Hard Fescue (<i>Festuca duriuscula</i>)	1.429
Crested Dog's-tail (<i>Cynosurus cristatus</i>)	1.143
Sweet Vernal (<i>Anthoxanthum odoratum</i>)	.571
Rough Stalked Meadow (<i>Poa trivialis</i>)	.357
White Clover (<i>Trifolium repens</i>)	1.143
Pacey's Perennial Rye Grass (<i>Lolium perenne</i>)	1.429

Sow 3½ bushels per acre.

14.000

Price, in lots of 1 acre and under, \$3.50 per bushel, \$1.00 per peck, 20c. per qt.	
Price, in lots of 1 to 5 acres,	\$3.33 per bushel.
" " 5 " 10 "	3.18 "
" " 10 " 20 "	3.03 "

Note.—This mixture we guarantee to be as fine as any advertised at fancy prices. Mailing 5c. per qt.

GARDINER'S "SPECIAL" LAWN FERTILIZER.

This special preparation contains all the constituents necessary for the vigorous production of luxuriant verdure of a rich velvety-green; it is prepared in the form of a dry powder and is almost odorless, so that the most fastidious person can handle it with ease and comfort, and it is also marvellously quick in action, the increased thickening and deeper green of the sward being very apparent soon after its application. For all kinds of lawns, whether large or small, this dressing is undoubtedly the cleanest, easiest to apply, most economical, convenient, and powerful. Its use by the most prominent gardeners all over the country being ample testimony of its intrinsic value. Put up in 10, 25, 50 and 100 pound bags. Apply at the rate of 400 pounds per acre.

10 pound bag (sufficient for 20 x 50 feet of lawn.)	\$0.50
25 " " " " 25 x 100 " "	1.00
50 " " " " 50 x 100 " "	1.75
100 " " " " ¼ acre of lawn.	3.00

TREE, SHRUB, VINE AND HEDGE SEEDS.

	Pkt. Oz.	Lb.		Pkt. Oz.	Lb.
Balsam Fir (<i>Abies balsamea</i>),	5c. 20	\$2 00	Russian Mulberry (<i>Morus moretti</i>),	10c. 50	\$3 00
Hemlock Spruce (<i>Abies canadensis</i>),	15	5 00	Swiss Stone Pine (<i>Pinus cembra</i>),	5	1 00
Douglas Fir (<i>Abies Douglasii</i>),	10	30 00	Sea Pine (<i>Pinus pinaster</i> or <i>maritima</i>),	5	15 00
Norway Spruce (<i>Abies excelsa</i>), per hundred pounds, \$70.00,	5	15 25	Austrain Pine (<i>Pinus Austriaca</i>),	5	15 50
Silver Fir (<i>Abies pectinata</i>),	5	15 10	Corsican Pine (<i>Pinus laricio</i>),	10	30 00
Norway Maple (<i>Acer platanoides</i>),	5	15 50	Stone Pine (<i>Pinus pinea</i>),	5	15 100
Sycamore Maple (<i>Acer pseudo-platanus</i>),	5	15 50	Scotch Fir or Pine (<i>Pinus Sylvestris</i>),	5	20 200
Sugar Maple (<i>Acer saccharinum</i>),	5	15 1 25	White or Weymouth Pine (<i>Pinus strobus</i>),	10	40 4 00
Dutchman's Pipe (<i>Aristolochia siphon</i>),	10	2 00	Buckhorn (<i>Xanthoxanthicus</i>),	5	20 03
Barberry (<i>Berberis vulgaris</i>),	5	15 1 50	Yellow Locust (<i>Robinia pseudacacia</i>),	5	10 60
White Birch (<i>Betula alba</i>),	10	35 50	Wild Rose (<i>Rosa canina</i>),	5	10 60
Weeping Birch (<i>Betula pendula</i>),	5	25 2 50	Arbor Vitæ, Chinese (<i>Thuja orientalis</i>),	5	20 200
Allspice or Strawberry Tree (<i>Calycanthus Floridus</i>),	5	20 2 00	" " American (<i>Thuja Occidentalis</i>),	5	20 200
Shellbark (<i>Carya alba</i>), per quart 60 cents,	5	20 2 00	" " Giant (<i>Thuja gigantea</i>),	15	80 8 00
Catalpa Speciosa (<i>Hardy catalpa</i>),	5	20 2 00	" " Golden (<i>Thuja aurea</i>),	10	40 4 00
Celastrus Tinctoria (Yellow wood),	15	1 20 12 00	" " Siberian (<i>Thuja Siberica</i>),	15	70 7 00
Dogwood (<i>Cornus Florida</i>),	5	15 1 50	European Linden (<i>Tilia Europaea</i>),	5	15 1 00
Lawson's Cypress (<i>Cupressus Lawsoniana</i>),	10	60 6 00	American " (<i>Tilia Americana</i>),	5	20 2 00
Blue Gum (<i>Eucalyptus globosus</i>),	5	1 00 7 00	Purze, Whin, or Gorse (<i>Ulex Europæus</i>),	5	15 1 00
White Ash (<i>Fraxinus alba</i>),	5	15 1 00	Wistaria, Chinese (<i>Wistaria Sinensis</i>),	15	1 00 10 00
Scotch Broom (<i>Genista scoparia</i>),	5	10 80			
Honey Locust (<i>Gleditsia triacanthos</i>), per hundred pounds, \$35.00,	5	10 50	FRUIT SEEDS.		
Silver Bell or Snowdrop Tree (<i>Halesia tetra-tera</i>),	10	30 3 00	Apple,	5	10 50
English Ivy (<i>Hedera helix</i>),	5	15 1 50	Apricot Pits,	5	10 50
Holly (<i>Ilex opaca</i>),	5	15 1 50	Cherry Pits, Black Mazzard,	5	10 60
Butternut (<i>Juglans cinerea</i>), 40 cents per quart,	5	10 75	Current, Red Dutch,	5	20 2 00
Black Walnut (<i>Juglans nigra</i>), 40 cents per quart,	5	15 1 50	" " White Dutch,	10	40 4 00
Red Cedar (<i>Juniperus Virginiana</i>),	5	10 75	" " Black,	10	40 4 00
Juniper (<i>Juniperus communis</i>),	5	15 1 50	Gooseberry, Red,	15	1 25 12 00
European Larch (<i>Larix Europæa</i>),	5	15 1 50	" " Green,	15	1 25 12 00
Privet (<i>Ligustrum vulgare</i>),	5	15 1 50	" " Yellow,	15	1 25 10 00
Tulip Tree (<i>Liriodendron tulipifera</i>),	5	15 1 00	Pear,	5	20 2 00
Osage Orange (<i>Maclura aurantiaca</i>), per hundred pounds, \$35.00,	5	10 50	Plum, Damson,	5	10 50
			" " Green Gage,	5	10 50
			" " Myrobalan,	5	10 1 00
			Quince,	5	25 2 50
			Raspberry,	5	30 3 00
			Strawberry,	10	40 4 00

Agricultural and Horticultural Books.

The undernoted are standard and reliable works on horticulture and agriculture, and, as we have made special arrangements with the publishers, we give our customers the benefit of the reduced prices. We mail free, to any address, at the cash prices annexed.

THE GARDEN.

	Rev. E. P. Roe.	Pub-lishers' Cash	Net
		Prices.	Price.
Play and Profit in My Garden,	Rev. E. P. Roe,	\$2 00	\$1 80
Gardening for Profit (new edition),	Henderson,	2 00	1 80
Gardening for Pleasure (new edition),	Henderson,	2 00	1 80
Ornamental Gardening,	E. A. Long,	2 00	1 80
Money in the Garden,	Quinn,	1 50	1 35
Practical Floriculture (new edition),	Henderson,	1 50	1 35
Hand-book of Plants,	Henderson,	3 00	2 70
Parsons on the Rose,	Sam'l B. Parsons,	1 50	1 35
Your Plants, and How to Grow Them,	Sheehan,	40	36
Lilies, and Their Culture,	Dr. Wallace,	1 65	1 48
Success in Market Gardening,	W. W. Rawson,	1 00	90
Garden and Farm Topics,	Henderson,	1 50	1 35

FOREST.

Fuller's Practical Forestry,	S. Fuller,	1 50	1 35
The Forester,	James Brown,	10 00	9 00
Book of Evergreens,	Hoopes,	3 00	2 70

FRUIT.

Field Notes on Apple Culture,	L. H. Bailey, Jr.,	75	68
Barry's Fruit Garden,	Barry,	2 00	1 80
Fruit Culture,	W. C. Strong,	1 00	90
Grape Growers' Guide,	Horton,	75	68
Fruit and Fruit Trees of America,	Fuller,	50	45
Small Fruit Cultivator,	Fuller,	1 35	1 35
Grape Culturist,	Fuller,	1 50	1 35
Peach Culture,	Fulton,	1 50	1 35
Pear Culture,	Quinn,	1 00	90
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Small Fruits,	Hills,	1 00	90

THE FARM.

	Pub-lishers' Cash	Net
	Prices.	Price.
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How the Farm Pays,	P. Henderson & W. Crozier,	2 50 2 25
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Silos and Ensilage,	George Thurber,	50 45
Yankee Farming,	"Timothy Bua-ler, Esq.,	1 50 1 35
Farm Implements and Machinery,	Thomas,	1 50 1 35
Book of the Farm,	Waring,	2 00 1 80
American Cattle,	Allen,	2 50 2 25
The Pig,	Harris,	1 50 1 35
Youatt on Sheep,	Wm. Youatt,	1 00 90
American Dairying,	Arnold,	1 50 1 35

POULTRY.

An Egg Farm,	Stoddard,	75 68
Practical Poultry Keeper,	Wright,	2 00 1 80
Profitable Poultry Keeping,	Stephen Bisbe,	1 50 1 35

MISCELLANEOUS.

Elements of Scientific Agriculture,	Norton,	75 68
Injurious Insects of the Farm and Garden,	Treat,	2 00 1 80
Canary Birds,	Holden,	75 68
Book of Birds,	Holden,	25 23
Rural Architecture,	Allen,	1 50 1 35
Graperies and Horticultural Buildings,	Woodward,	1 00 90
Quinby's New Bee Keeping,	Quinby,	1 50 1 35

NEW BOOKS.

"THE GARDEN'S STORY."—G. H. ELLWANGER.

A delightful new book; a rare treat for all lovers of a beautiful garden. 356 pages, gilt, published at \$1.50; our price, \$1.38, free by mail.

HENDERSON'S NEW "HAND-BOOK OF PLANTS."

Revised and enlarged as this valuable publication now is, it is undoubtedly the most practical and complete work of its kind in this country, and should be in the hands of all amateurs and young florists and gardeners. It is a bulky volume of over 500 pages and is profusely illustrated. Price, \$4.00, free by mail.

SENSIBLE LOW COST HOUSES.

This contains plans, illustrations and complete descriptions of 56 New, Beautiful and Cheap Country Houses, costing from \$7,500 to \$7,500. Shows how you can build a \$2,000 house for \$1,750, and how to make them handsome, convenient, healthy, light, cool and airy in summer, warm and cheaply heated in winter. Price, \$1.00 by mail; given free with an order for \$5.00 from this catalogue.

GARDINER'S NOVELTIES & SPECIALTIES in VEGETABLES.

For 1891

WE call special attention to the new varieties and special strains offered in the following list. Many of them are novelties of great promise, which are catalogued now unless it emanates from our own establishment, or from some other house of reliability and standing, in whom we repose the utmost confidence. The stocks we offer in specialties are nearly all of them grown exclusively for our special retail trade, and are therefore not to be obtained, of such superior excellence, from any other source whatever.

THE CRAIGO BRUSSELS SPROUTS.

THE CRAIGO BRUSSELS SPROUTS.

This is probably the finest strain of Brussels Sprouts in cultivation. It is very early, of dwarf, robust growth and covered the entire length of the stem with compact sprouts of very superior flavor. The sprouts are exceedingly hard-heading and cook tender and delicious; unequalled for delicate table quality. Our seeds are grown from the stock of the original raiser and are true and very select. All who would have this splendid vegetable in perfection should try this strain. Brussels Sprouts may be cultivated in the same way as cabbage. The crop will be ready for use after the first frost in October. Cooked the same as cauliflower it is one of the finest vegetables that can be put on the table, being very tender and delicate. Pkt. 10c., 3 pkts. 25c.

GIANT PASCAL CELERY.

GIANT PASCAL CELERY.

A magnificent new celery, one of the best novelties, and one that will find universal favor as soon as known. It possesses all the good qualities of the excellent and popular Golden Self-Blanching, from which it is a sport. The stalks are very large, solid and crisp; the flavor is rich and nutty, and free from any trace of bitterness. Blanches readily and quickly and retains its freshness a long time after being marketed. It grows somewhat larger than Golden Self-Blanching, with very wide and thick stalks, the outer stalks being light green, the inner a deep rich golden-yellow. In size, handsome appearance and superior keeping qualities unsurpassed. One of the finest varieties for winter use, probably the very best in cultivation in this respect. Pkt. 10c., 3 pkts. 25c., oz. 75c.

This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners, and has had a great local reputation among his neighbors for several years. It is not only the finest Early Drumhead in cultivation, but is equally as good for second and third early, intermediate and late. It heads large and solid, with very short stem and few outer leaves, unflagging under the hottest sun or heaviest frosts and may be sown successively and continuously during all periods when cabbage is planted. As an all-round cabbage nothing we have ever seen approaches it. The seed we offer was grown by Daniel Louderback, the originator. We recommend it to all who desire something very choice. Pkt. 15c., oz. 50c., lb. \$5.00.

CUCUMBER, THORBURN'S NEW EVERBEARING.

THORBURN'S NEW EVERBEARING CUCUMBER.

We call special attention to this entirely new and unique variety. It is of small size, very early, enormously productive, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, whether the ripe cucumbers are picked off or not—in which respect it differs from all other sorts in cultivation. Cucumbers in every stage of growth will be found on the same vine. Pkt. 10c., 3 pkts. 25c.

WHITE KANSAS KING CORN. This new variety is the result of three years careful breeding of Champion White Pearl to Hickory King. The strain now offered is a fine selected stock. It took more after the Hickory King than after the Champion White Pearl. It is of medium height and has very strong stalks and stands heavy winds and storms without being blown down. The ears are set on heavy stems, are borne generally two ears to the stalk, and sometimes as many as four to the stalk. The grains are long, shaped like Champion White Pearl and the cob is small like Hickory King. The ears weigh heavy, averaging nearly one pound each and have from 10 to 14 rows. This corn husks very easily. Notwithstanding the extreme drouth and hot winds prevailing in Kansas last season, 50 bushels per acre of this variety were harvested in some instances. Pkt. 10c., 3 pkts. 25c.

**NEW : RED : COB : EVERGREEN
SWEET : CORN.**

This valuable new variety, "Red Cob Evergreen," is a sport from the "Stowell's," which has long been the standard and favorite in all parts of the country. This new variety is destined to eclipse in popularity its famous parent, it being a week to ten days earlier and is enormously productive, bearing three to four ears to a stalk. The ears are set low on the stalks and are very thick and regular in size—16-rowed—very deep and of the most delicious quality, remaining tender and milky for a long time. This variety is very distinct when in the dry state, both kernels and cob being of a deep red color. Pkt. 15c., 8 pkts. \$1.00.

WESTERFIELD'S CHICAGO PICKLING CUCUMBER.

: CHICAGO : PICKLE : CUCUMBER. :

This now celebrated strain of pickling cucumber is the result of a long process of special selection and culture by a large grower for the Chicago market (Mr. Westerfield). The fruits, as shown in the engraving, are short, straight and of a fine deep green and are crisp and tender in quality. The vine is an enormous bearer and is conceded to be unsurpassed in productiveness. For pickling purposes, where fine quality, large yield and fine appearance are desired, this variety is very superior and can be highly recommended. The seeds we offer are the true Westerfield strain, grown from the raiser's stock. Pkt. 5c., oz. 10c., lb. \$1.00.

DILKS' Many Hearted CELERY.

Originated by Mr. Geo. Dilks, a noted Philadelphia market-gardener, very distinct in appearance being much stouter, thicker and heavier near the root than any other variety. This celery has never shown a burnt or dry leaf or soft or spongy stalk in the most trying seasons.

One of the best celeries in keeping qualities, having for a few years past been sold as late as the last of May, after Golden Dwarf and all other varieties were done. Mr. Dilks has always realized 40 per cent. more for his whole crop of this variety than any other celery grown. The seed we offer this season is grown by the originator. Pkt. 15c., oz. 50c., lb. \$5.00.

TRUE SCOTCH MUSSELBURGH LEEK.

▲ ▲ PARIS PICKLING CUCUMBER. ▲ ▲

This distinct and remarkable variety is possessed of rare merit as a pickling sort. The fruits are of a fine deep green color and in the pickle stage are slender, 3 to 5 ins. in length, and covered with delicate black spines as shown in the engraving. Their remarkable value lies in their crispness and

PARIS PICKLING CUCUMBER.

fine quality. They are absolutely unsurpassed in this respect, snapping as easily as the best snap-beans and showing no seeds. These distinctive features (brittle and seedless fruits) insure the greatest popularity for this variety as soon as it becomes known. Pkt. 10c., 3 pkts. 25c.

TRUE ▲ SCOTCH ▲ MUSSELBURGH ▲ LEEK.

The great superiority of this strain of leek in size, rapidity of growth and fine quality has been amply demonstrated. We have imported our seed direct from Scotland at a high figure, and can recommend it as being true and extra select. The stem in this sort seldom exceeds 6 or 8 inches in length, but it is often 2 inches or more in diameter in well-grown plants, and we have frequently seen it on exhibition very much larger, both in length and diameter than this. It is exceedingly hardy and the leaves are of a fine deep green much darker than the large French leeks and the blanched stem is also of superior mild flavor to any other sort we have ever seen. Undoubtedly the best leek grown on account of its large size, hardness and rich, mild flavor. Pkt. 10c., oz. 50c.

▲ ▲ ▲ DENVER MARKET LETTUCE. ▲ ▲ ▲

This fine lettuce originated with a prominent market gardener of Denver, Col., and competent authorities declare it to be the finest novelty since the introduction of the Black-Seeded Simpson. The heads are large, solid, light green, beautifully curled like a Savoy cabbage, very crisp and tender. The crimped leaves are a distinct feature, distinguishing it at a glance from other sorts. The heads are a little after the style of the Hanson but more oblong. In delicate and tender table qualities it is very superior, being free from any trace of bitterness. Good either for forcing or outside planting. Pkt. 10c., 3 pkts. 25c.

NEW MUSKMELON.**"THE BANQUET."**

The most luscious and beautiful melon in existence.

This superb melon represents years of careful selection and improvement of a stock of Muskmelons, at the hands of the largest and most experienced grower of melons in the world. The raiser regards it as his greatest production, and likely to supersede all other red-fleshed varieties. The cut shown is an actual reproduction of a photograph. "The Banquet" is a medium-sized melon, very flat at both ends and more beautifully netted than any known variety. In quality it has no equal; the flesh is uniformly deep and of that granulate character that always indicates a good melon; color dark rich salmon. The oft-repeated question, "How can I raise good Muskmelons?" can now be answered, "Plant the Banquet." We are safe in saying that it will produce more fine edible melons to a given area than any other variety. Pkt. 25c., 5 pkts. \$1.00.

WINTER PINEAPPLE MUSKMELON.

▲ ▲ A remarkable new melon from the Sandwich Islands. ▲ ▲

WINTER PINEAPPLE MUSKMELON.

The fruits do not ripen on the vines, but have to be picked in a green state, before frost, laid away in a cool, dry place, where they will keep sound and sweet for several months. When wanted for use bring them in a warm room, they will ripen in a few days and be ready to eat. They are entirely distinct from any other muskmelon ever grown in this country. When ripe the outer skin, which is deeply corrugated, is a beautiful rich golden yellow, mottled and striped with pale green. The flesh is unusually thick, solid and melting; a light green color and has the most delightful flavor imaginable, being rich, spicy and delicious, with an agreeable pineapple taste. They will remain in a good eating condition a long time after being ripened up, and even when cut retain their spicy fragrance for days. Any one by planting these melons can have the most delicious fruit all winter. Pkt. 20c., 3 pkts. 50c.

This valuable new potato was raised by Mr. E. L. Coy the originator of some of our most prized sorts. It is early, vigorous, productive and remarkably free from rot. In form somewhat like the beauty of Hebron, but longer; skin beautiful flesh color all over, without the cloudiness of the Beauty of Hebron. Table quality the very finest, the flesh being pure white, mealy and delicate and rich in flavor. From among the large number of seedlings of 1888, Mr. Coy found after 4 years of careful trial, that this was the only one capable of standing the crucial test of open competition with pre-existing varieties, and he predicts that The Early Vaughan will occupy a prominent and enviable position as an early, both for the market grower and the private gardener. Among the 20 early sorts which he grew last season The Early Vaughan took first place in productiveness and freedom from rot—the Thorborn being its closest competitor in this regard. It ripens with the Early Puritan and like that variety is fit for table when only half-grown. Lb. 40c., 3 lbs. \$1.00, free by mail. By express or freight, peck \$1.50 bush. \$5.00, bbl. \$10.00.

CROWN JEWEL POTATO.

This new variety has become exceedingly popular and has fully borne out the strong claims made for it by the introducers. It is a seedling of the Early Ohio. The seed-balls were found in a large field of that well-known variety, and it partakes of all the pure and unadulterated qualities of its excellent parent, without any admixture of baser blood. Grown in competition with the Early Ohio, Beauty of Hebron, Early Rose and Sunrise, it more than doubled the yield of any of them; under precisely the same conditions, they were ready to dig ten days earlier. The Crown Jewel is a strikingly beautiful potato, the shape is well depicted in our illustration, skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are equal to the best. Its extreme earliness makes it a most profitable variety for early market or home consumption. Lb. 40c., 3 lbs. \$1.00, post-paid by mail; peck 90c., bush. \$2.50, bbl. (2½ bush.) \$5.00, by freight or express.

NEW YELLOW ★ PEACH TOMATO.

This fine new variety is an exact counterpart of the Peach Tomato, recently introduced, in everything except color, which is a rich golden yellow. It has the same soft, leathery skin, which is such a distinctive feature of the Peach Tomato and is equally as desirable for table use, the flesh being solid, rich and unequalled in delicacy of flavor. The skin is very thin and the fruits can be readily peeled and eaten in the hand. Excellent for canning or preserves. A dish of these and the "Rosy Peach" sliced make one of the most ornamental dishes that can be put upon the table. Pkt. 10c., 3 pkts. 25c.

PEACH TOMATO.

Those who wish to grow the New Yellow Peach should also try (if they have not already done so) the Rosy Peach a really fine introduction which bears fruits of a beautiful deep rose color covered with a delicate peachy bloom, making it difficult to realize that the fruits are tomatoes unless they be attached to the vines. We will send 2 pkts. of the Rosy Peach and one pkt. of the Yellow Peach to any address for 15c.

JAPANESE ARTICHOKE (*Stachys affinis*).

JAPANESE ARTICHOKE. (*STACHYS AFFINIS*.)

According to the French and German scientists this new vegetable from Japan is destined to supersede our plebian potato. We tried a few tubers 2 years ago, but although we found them exceedingly productive, were not impressed greatly in their favor. There has been so much said, however, in favor of the new vegetable by the European horticulturists since then, that we have decided to offer it to our customers and let them judge for themselves. The tubers are cultivated same as the common potato, but are perfectly hardy and may be left in the ground till spring. The tubers taste agreeably when boiled in salt and water and served with butter and parsley and they are claimed to be a fine dish prepared like *pomme de terre frites* (potatoes sliced small and fried in butter.) Cooked like white-bait, it is said to be a most excellent substitute for that dish. They are particularly valuable to raise for stock feeding on account of their enormous productiveness. Like our common artichokes or parsnips, they are best left in the ground till spring. Tubers, 20c. per doz., 75c. per 100.

WHITE MULTIPLIER ONION SETS.

NEW WHITE MULTIPLIER ONION.

An onion of pure white silvery color, as shown in the cut. It is very hardy, and will prove a grand acquisition to this class of onions. White onion seed is usually high priced, hence the advantage of a white Multiplying Onion of this kind. They are the largest and best sets we know of for producing bunch onions. The largest of the sets, if allowed to grow through the summer, makes an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year. Very useful for pickling. The New White Multiplier Onion is enormously productive, and its handsome appearance will make it one of the most salable and profitable varieties that can be grown. (*See cut.*) Price of sets, 35c. per pt.; 50c. per qt. (free by mail); by express, \$3.00 per peck.

SOMETHING NEW.

A Wheel Hoe that will hoe a row only 5 inches wide! The only hoe in the world that will safely hoe a row this width.

▲ ▲ ▲ THE ▲ ▲ ▲

ELLIOTT'S SCUFFLE
WHEEL HOE

Fig. 1.—Set for 19 inches or wider.

Fig. 2.—Set for 12 inches or wider.

Fig. 3.—Set for 9 inches or wider.

Fig. 4.—Set for 7 inches or wider.

Fig. 5.—Set for 10 inches.

The lightest, strongest and most effective Wheel Hoe ever offered to the public. Strong claims to make, but we feel amply justified in emphasizing them to the fullest extent. It is so light and easy to work that what is laborious by ordinary methods is made, by the aid of this wonderful tool; almost a pastime. And although light and easily handled, it is at the same time remarkably strong, being made of the best high-grade tempered steel, and is practically indestructible.

IT WILL SAVE ITS COST IN TEN
HOURS' WORK.

It is the only Wheel Hoe adapted to all sizes of rows. Figure 1, shows the hoe set for rows 19 inches or wider; figure 2, for 12 inches or wider; figure 3, for 9 inches or wider; figure 4, for 7 inches; figure 5, for 10 inches; figure 6, for 6 inches; figure 7, for 5 inches, and these are only some of the combinations, as the most casual glance at the hoe will show how almost any width can be hoed by the moving of the cutters. It is undoubtedly the best hoe for onions and all garden and bed crops, and is unequalled for killing weeds on walks and roadways.

ONE MAN CAN ACCOMPLISH AS MUCH
AS FOUR WITH ORDINARY HAND
OR SCUFFLE HOES.

We have room for only a few of the many indorsements of this tool by prominent market gardeners and horticulturists.

ARLINGTON, MASS., Aug. 20, 1889.
Mr. ELLIOTT—Dear Sir: I have two of your Wheel Scuffle Hoes. I have used them on hard and soft land, and find them the best tools for pulverizing the soil I have ever used. They can be adjusted to any width from four to sixteen inches, so that one or two hoes will do all the work on any farm or market garden. They are very light and durable, and cause less fatigue than any hoe I have ever used. I recommend them to every one, and no market gardener should be without one.
W. W. RAWSON, Market Gardener.

INSTITUTIONS CITY FARM, LOWELL, June 25, 1889.
Mr. ELLIOTT—My Dear Sir: After giving your Wheel Scuffle Hoe a thorough trial on both light and heavy soil, we pronounce it to be far superior to any and all other inventions for garden work. One boy or man, with your hoe, can do the work of five with ease, leaving the soil in much better form. We pronounce it to be the very best garden hoe or pulverizer ever offered to the tiller of the soil.
WM. A. LANG,
Superintendent, Principal of Reform School.

TWICKSBURY, MASS., June 6, 1889.
Mr. EPHRAIM ELLIOTT—Dear Sir: The Wheel Scuffle Hoe and Weeder I bought of you has proved invaluable to me. I have never seen anything like it, and I consider it worth much more than it has cost.
W. A. CHANDLER.

ARLINGTON, MASS., Aug. 13, 1889.
Mr. ELLIOTT—Dear Sir: Have used your Wheel Scuffle Hoe, and am much pleased with it. Think it much better for loosening the soil than anything of the kind I have tried.
Yours truly,
C. A. LEARNED.

LOWELL, June 11, 1889.
Mr. ELLIOTT—Dear Sir: After using your Wheel Scuffle Hoe I am more than pleased. It seems to be perfection, and nothing short. I think every farmer and gardener will miss it to be without one.
Yours truly,
W. FRANK LAWRENCE.

PRICE \$7.00, COMPLETE.

Fig. 6.—Set for 6 inches.

Fig. 7.—Set for 5 inches.

CARDINER'S

NOVELTIES & SPECIALTIES IN

FLOWER SEEDS

For
1891

We call special attention to the new varieties and special strains offered in the following list. Many of them are novelties of great promise, which are catalogued now for the first time, and interesting to all enthusiastic gardeners. We allow no some other house of reliability

cannot fail to prove very interesting to our list unless it emanates from our own establishment or from

and standing, in whom we repose the utmost confidence. The stocks we offer in specialities are nearly all of them grown exclusively for our special retail trade and are therefore not to be obtained, of such superior excellence, from any other source whatever.

JEWELL ASTER.

A new and magnificent class of Asters, obtained from the well-known large-flowered Paony Perfection tribe. Similar, but somewhat dwarfer in habit than the latter. It distinguishes itself at first sight by its beautiful shorter-petalled and perfectly round flowers, which may be compared to the finest varieties of the incurved class of Chrysanthemums. Our engraving of the single flower shows the noble form of the flowers better than it can possibly be described. The plants attain a height of about 20 to 24 inches; the fully developed flowers, measuring from 2½ to 3 inches across, are as round as a ball and being borne on long stalks, they will prove very useful for cutting and bunching. Two colors, deep rose and apple blossom. Each pkt. 35c.

JEWELL ASTER.

ZULU KING ASTER.

This novelty furnishes a color hitherto unknown amongst Asters—a deep black purple—the darkest in color of any yet introduced. The flowers are of faultless globular shape, borne on long stems, thus making them of great value for bouquets. The habit of the plant is pyramidal, as shown in our engraving, and it is a profuse bloomer and a vigorous healthy grower. Pkt. 25c.

ZULU KING ASTER.

PRINCESS OR SNOWBALL ASTER.

A beautiful and distinct variety, the first of a new race, originating from the "Mignon," introduced some years ago. The flowers are semi-spherical, as shown in our engraving; of refined and faultless form; pure white; beautifully imbricated and very freely produced, as many as 30 flowers being frequently borne on a single plant. The cut blooms will remain longer in good condition than most other varieties; and this sort has the additional advantage of being well adapted for pot culture. This will undoubtedly prove a valuable acquisition to the Aster family, being a novelty of decided merit and the forerunner of a distinct new class. Pkt. 25c.

PRINCESS OR SNOWBALL ASTER.

ELMWOOD GIANT MIGNONETTE.

MIGNONETTE. ELMWOOD GIANT.

This Mignonette is a special selection of a famous grower, whose Mignonette spikes have always excited the wonder and envy of his competitors. The plants are of a robust pyramidal habit; fine healthy growers. They throw up very large spikes of reddish-tinted, deliciously fragrant flowers. Unsurpassed for pot or bench culture, owing to its dwarf, compact habit and its large, handsome spikes of flowers. Leaves are dark green, of clean, vigorous growth. Does equally well for out-door culture as in the green-house. Very hardy. The finest for amateur or market gardener. Pkt. 10c., oz. \$1.50.

CUP AND SAUCER CANTERBURY BELL.

Of all the odd shapes in flowers of recent introduction, we think this departure in the old-fashioned and ever popular Canterbury Bell is one of the most remarkable. Our engraving gives a fair idea of one of these, and there are many others in this strain of even more pronounced variation from the old style. This strain is not only very remarkable, it is also exceedingly beautiful and entirely distinct, and will be quite an acquisition to this class of hardy border perennials. Comprises great variety in color and much diversity of form and habit, while their freedom of bloom is all that can be desired. Succeed well in rich soil and are of the easiest cultivation. Pkt. 15c., 4 for 50c.

CUP AND SAUCER CANTERBURY BELL.

New Double Annual Hybrid Chrysanthemums.

(*Chrysanthemum Carinatum*
Fl. Pl.)

This valuable and most unique novelty has resulted from carefully hybridizing and selecting for several years the semi-double varieties of this useful annual already existing, until a high degree of doubleness has been attained. They are extremely variable and it is impossible to describe the beautiful forms which have been produced, as conveyed by our engraving. Some are pure white, yellow or crimson, but the prevailing types are bronzy yellow, the florets tinged with red or lilac rose, the imbricated ray florets beautifully pencilled, others have rich crimson centres with clear yellow guard petals. Although mostly very double, there will still be an occasional semi-double or even single, but these are almost equally charming. The Horticultural Press have given most favorable comments respecting this novelty. Pkt. 25c.

NEW DOUBLE ANNUAL HYBRID
CHRYSANTHEMUMS.

MYOSOTIS ELEGANTISSIMA.

NEW DWARF LARGE-FLOWERING FORGET-ME-NOT.

(MYOSOTIS ELEGANTISSIMA.)

A new and entirely distinct variety of very great value both for cutting and market purposes. It is as hardy as a Pansy and may be treated in the same way. Not to be confounded with any other variety of Myosotis. It is entirely distinct. The habit is very dwarf and compact and the flowers are very large and fine—much superior to the common Forget-Me-Not. It must prove of very great value, especially to florists who grow plants for market. Stock this season very limited. Apply early to avoid disappointment. Pkt. of 100 seeds 25c., 250 seeds 50c., 500 seeds 75c., 1,000 seeds \$1.00.

DIANTHUS HEDDEWIGI.

"THE BRIDE."

An entirely distinct and very beautiful variety, with flowers of large size and perfect form; snowy-white, with a conspicuous velvety purple spot in the centre. The centre spot is of an intense deep color and contrasts very strikingly with the snowy whiteness of the flower. The plants are of fine bushy habit; very profuse bloomers. Pkt. 10c.

STUART'S COLUMBINE

(AQUILEGIA STUARTI.)

This valuable novelty is a cross between Grigor's *Glandulosa* and *Aquilegia Witmani*. The raiser (Dr. Stuart) says: "From the flower thus fertilized, a pod was gathered and the seed sown at once. Seven plants lived to be planted out in the autumn in a sheltered border. * * * These all bore flowers identically the same, the top blooms measuring 4 inches and more across. I showed a quantity of the blooms to Professor Balfour, Edinburgh University, and to John Sadler, Curator of the Edinburgh Botanic Gardens, and to many other competent judges, who all considered it a first-rate novelty, and it was then and there named *A. Stuarti* by Professor Balfour. I claim the following points of superiority over *A. Glandulosa* for this hybrid: it is much larger, more free-flowering, and far more refined in form." The much-admired *Glandulosa* of Grigor is a very shy flowerer, and most veteran gardeners consider it quite a feat to have it in perfection. In the new form raised by Dr. Stuart, this defect is to a large extent removed, and one of the finest herbaceous plants in cultivation is thus brought within the range of cultivation alike to amateurs and professionals. Owing to the limited amount of seed available for distribution the present season, we would advise early application in order to avoid disappointment. Pkt. 25c.

STUART'S COLUMBINE.

MARGUERITE CARNATIONS.

A NEW RACE OF CARNATIONS; FLOWERING
FOUR MONTHS AFTER SOWING.

It is seldom that any novelty produces such a general and deserved sensation as this new race of carnations has created. Their distinguishing characteristic and the one which makes this race of supreme importance, is the fact that they will commence to flower four months after the seeds are sown. The plants are of healthy and vigorous growth, and develop their flower stalks with great rapidity. The stems are strong enough to keep erect without support, and the flowers are produced in the greatest profusion. They run through quite a variety of colors—white, scarlet, carmine, rose, striped purple, violet, salmon, etc. Seed sown under glass in March and transplanted to the open ground in May, will commence flowering in August, and will give an endless supply of their beautiful blossoms for a long time. The flowers are exceedingly brilliant in color, and the calyx does not burst. This new race has received the indorsement of some of our most prominent horticulturists, and are acknowledged to be a wonderful acquisition. About 80 per cent. of the plants will come full double. Pkt. 20c., 3 pkts. 50c.

GIANT SPIDER PLANT.

(CLEOME PUNGENS.)

This is not a novelty, but an excellent old plant that has been neglected for a long time. It grows to a height of 5 to 6 ft. and

bears large panicles of bloom of a purplish pink, shading to light pink when fully opened. The stamens are several inches long, which gives the plant the popular name Spider Flower. Seeds sown in the open ground in May will commence flowering in July and continue till cut down by frost. The Spider Flower is one of the best and showiest subjects for backgrounds and a splendid bee plant. It is hardy and will stand almost any amount of wind and weather without injury. Pkt. 5c., oz. 50c.

KALANCHOE CARNEA.

A new species from the Cape of Good Hope, with large umbels of beautiful pink flowers, delicately yet sweetly fragrant, borne on long stems and very profusely. It has a peculiar and pleasing fragrance, and grows quite readily from seed. Thrives best in a mixture of loam and sand. Pkt.

15c., 2 pkts. 25c.

KALANCHOE CARNEA.

MARGUERITE CARNATIONS.

—

CHATER'S PRIZE HOLLYHOCKS.

—

The remarkable richness and variety of color in this prize strain has excited the wonder and admiration of all beholders. At the leading Horticultural Exhibitions they have taken first rank for their magnificent spikes of flowers as well as for their unrivalled richness and delicacy of coloring. The flowers are superbly double, and the colors embrace the richest shades of yellow, rose, crimson, primrose, lavender, mauve, white, etc. Now that the pendulum of fashion in the world of gardening is on the return swing from the extreme use of soft wooded plants to the more extensive use of herbaceous plants, the Hollyhock is certainly one of the first of our old favorites to be reinstated to the prominent position it formerly held as a decorative plant. They are far more easily raised from seeds than is generally supposed, and if our instructions are properly followed they can be had in flower the first season, although the usual way is to sow in August for next season's flowering. But there is no reason why this excellent plant should not be had in flower five months after sowing just as well as the Dahlia, which is now quite extensively grown in this way.

NEW PRIZE VARIETIES.

MAGNIFICENT
SPIKES OF
FLOWERS.

UNRIVALLED FOR

VARIETY AND
DELICACY OF
COLOR.

PRICE,

PACKET 25 CENTS.

OUNCE \$5.00.

PRICE,

Collection six colors, 70c.

Collection twelve colors, \$1.25.

HOW TO FLOWER THE HOLLYHOCK THE FIRST SEASON FROM SEED.—Sow the seed in February or March in a frame with gentle bottom heat. The temperature must not be too high, and it is best to sow the seed directly on the soil—not using any pans or boxes. A good loamy soil is best. Cover the seeds to a depth of one-half inch. When the plants are so far advanced as to show the rough leaf, they should be pricked out and transplanted into another frame without heat, but well protected from frost. As early in spring as the weather will permit, which in this latitude is generally about the first of May, the young plants may be transferred to their permanent quarters. If there should be likelihood of late spring frosts after planting out, a flower pot should be placed over them during the night and removed on the following morning. Continue to do this until all danger of frost is past. By following these simple directions success is assured, and the trouble will be amply repaid with fine spikes of flowers in the following August and September. Those who do not possess a frame or hot-bed can raise the seed in a sunny window; but we advise all amateurs to make a hot-bed if possible, as it is quite a simple affair and is very useful for raising all kinds of seeds—*Stocks*, *Asters*, *Pansies*, and a host of others. **Chater's Prize Hollyhock, choicest mixed.**—Packet 25 cents, ounce \$5.00. Collection of six colors, 70 cents. Collection of twelve colors, \$1.25.

△ △ ROSY MORN POPPY △ △

(PAPAVER PÆONIFLORUM VAR.)

This new Poppy is a really superb novelty. All who tried it last season for the first time were greatly struck with its beauty. The flowers are extremely double and of good size, forming perfect balls of a most unique and beautiful shade of rose—an entirely new and distinct color in Poppies. We consider this quite an acquisition. It is of the easiest possible culture, belonging to the annual pæony-flowered section and merely requires to be sown where the plants are to flower. Those who have not already tried this novelty should not fail to do so. Pkt. 10c.

△ △ CELANDINE POPPIES △ △

This free-flowering and beautiful class of Poppies ought to be more extensively cultivated. Flowers are single, fragrant. Colors white, orange-scarlet and yellow. Hardy perennial. Mixed. Pkt. 15c.

△ △ PLYMOUTH PETUNIAS △ △

(HENDER'S STRAIN.)

Probably the finest strain of Petunias in existence at present. We know of nothing to equal them either for size, substance or color. Superb in every way. A prominent grower writes us: "The Hender Petunias are simply superb; some of them are exquisitely fringed and all have immense flowers and fine colors." Single, pkt. 25c.; double, pkt. 50c.

GIANT WHITE DAISY.

(PYRETHRUM ULIGINOSUM.)

A GEM FOR CUT FLOWERS.

An excellent herbaceous perennial, blooming first season from seed; bears very large, pure white, single flowers; profuse bloomer and excellent for cutting. Pkt. 15c., 4 for 50c.

NEW

AMERICAN SWEET PEA.

"MISS BLANCHE FERRY."

Compared with Painted Lady—the most popular sort on the whole hitherto for market purposes—the flowers of this novelty have a far deeper, richer coloring and greater fragrance. It is also dwarf and compact, very early, free-flowering and bears fine large flowers on long stems. Lasts longer in bloom than most others. Pkt. 5c., 12 pkts. 50c., oz., 40c.

PLYMOUTH PETUNIAS.

NEW HYBRID STREPTOCARPUS OR CAPE PRIMROSE.

This beautiful new race of green-house perennials is the result of the crossing of three varieties of Streptocarpus by Mr. Watson, of the Royal Botanic Gardens at Kew, and the further selection and improvement of the new varieties thus obtained by the Messrs. Veitch, of Chelsea. The plants are of dwarf, neat habit, growing about 9 inches high, with rather long, narrow, arched and recurved stemless leaves. They are remarkable for their abundance of bloom and the continuous succession in which the flowers are produced for about four months in the summer and early autumn, and also for the long time the individual flowers last in perfection. The flowers, which are very graceful in form, are trumpet-shaped, widely open and slightly recurved at the mouth, and measure about 1 3/4 in. in length. The variation of colors in these new hybrids is very striking, scarcely two plants being exactly the same, and the colors range from pure white through pale lavender, lavender-blue, lilac-blue, light mauve, purple, violet, bright rose and red to rich rosy purple, with all the intermediate tints, and in all the flowers the throat and three lower segments are more or less marked or splashed with long blotches or spots of various shades of purple, generally shaded and relieved with white, which greatly enhances the effect and affords a pleasing contrast of color. Pkt. 50c.

NEW HYBRID STREPTOCARPUS.

THE
HARDY DAY-BLOOMING
MOONFLOWER.

(IPOMOEA PANDURATA.)

This vine is propagated from tubers, and is hardy as far north as Boston. It is a remarkably quick and vigorous grower, making as high as 25 ft. in a single season. It produces a perfect mass of foliage, forming a dense shade in a short time, and retains the same down to the ground until frost. The flowers are white (shading to pink) with purple throat, $3\frac{1}{2}$ to 6 ins. in diameter, and are borne in the greatest profusion (as many as 1,200 open blooms have been counted on one vine at one time), and the blooming period extends for several months. The root is perennial and may be left in the ground during winter. Unlike the *Ipomoea Grandiflora* the flowers open during the day, and this fact taken in conjunction with its quick-growing character and hardiness, renders it of inestimable value in all cases where a beautiful, hardy and quick-growing vine is desirable. The perennial character of the root is also a feature that will be a great recommendation, as the tubers once planted may be left in the ground permanently. The sensation created by the Night-Blooming Moonflower will doubtless be far surpassed by this remarkable introduction, and we anticipate a very large sale for the tubers. Orders will be filled strictly in rotation. Send early. 15c. each, 8 for \$1.00 (free by mail).

We have a specially selected lot of large and fine tubers, which are suitable for shipping by express only (being too large for mailing), 25c. each; \$2.50 per doz.

SPECIAL OFFER.

For 30c. we will mail free, two tubers of the new Day-Blooming Moonflower, and one packet seeds of the NIGHT-BLOOMING MOONFLOWER (*Ipomoea Grandiflora*) if ordered together; 5 tubers and 2 packet seeds for 75c. It must be distinctly understood, however, that these two items are to be ordered in conjunction in order to secure this reduction.

GARDINER'S COLLECTION OF
NIGHT-BLOOMERS.

Our celebrated collection of these contains some very charming sorts, all of them delightfully fragrant during the evening, and many of them opening their blossoms in the earlier part of the day as well. The collection includes the Moonflower, Evening Stock, Four-o'clock, Evening Primrose, White Laced Crucifer, Sweet Clover, Nycteria, etc. 12 varieties (1 pkt. each), 50c., 25 varieties (1 pkt. each), \$1.00.

GARDINER'S AESTHETIC COLLECTION.

A most unique and charming collection, the chaste and simple forms of which are particularly pleasing and possessed of great variety and richness in coloring. 12 varieties (1 pkt. each), 50c.

GARDINER'S
OLD-FASHIONED COLLECTION.

Give the old-fashioned blossoms a chance. Their quaint names and grandmotherly associations,

"Every blossom laden with a thought," should give them a place in the affections of all good gardeners. 12 varieties (1 pkt. each), 50c.

" * * * timid buds that keep
Their odor to themselves all
day,
But when the sunlight dies away,
Let the delicious secret out
To every breeze that roams
about."

TIGRIDIA.

CRINUM KIRKY.—This magnificent bulb, which often attains the size of 6 to 8 inches, producing flowers of the greatest beauty. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. A plant which always creates a sensation when it blooms, which it does with the greatest freedom. Extra large bulbs are usually sold at \$3 to \$5. Our price is \$1. 2 for \$2.

GAY QUEEN or QUEEN LILY.—So called on account of the beauty of the flowers. This is a most desirable bulb called *Phædranassa*, which bears large umbels of showy flowers, 2 to 4 inches long, embracing a variety of colors. It is of the easiest growth, blooming freely and producing fine foliage as a pot plant. We have three sorts, viz:

PHÆDRANASSA CHLORACEA.—Flowers purplish rose tipped with green. 25c., 3 for 60c.

PHÆDRANASSA GLORIOSA.—Scarlet, yellow and green. A scarce variety. 30c. each, 2 for 60c.

PHÆDRANASSA VIRIDIFLORA.—Most curious green and yellow flowers; fine bulbs. 20c., 3 for 50c.

We send the three varieties to one address for 60c.

PHÆDRANASSA.

TIGRIDIAS (Shell Flowers, Tiger Flowers).—These are amongst the most gorgeous flowers in cultivation; of enormous size; often 6 in. across, and produced in the greatest profusion for many months of the year.

TIGRIDIA GRANDIFLORA ALBA (New).—Pure white, with centre most beautifully mottled crimson and yellow; exceedingly attractive. 15c.

TIGRIDIA CONCHIFLORA.—Beautiful yellow, spotted crimson. 10c.

TIGRIDIA GRANDIFLORA.—Enormous bright crimson, spotted yellow. 10c.

These 3 bulbs for 25c. 3 of each 60c.

TIGRIDIA BUCCIFERA (New).—The Blue plish blue; very brilliant and scarce. 25c. each.

LEOPARD LILY.

CRINUM AMERICANUM.—In every way this rivals the Kirby in stateliness and grandeur. Like it, nothing can approach it as a pot plant, and where beauty of flowers is concerned, it is by some preferred, being pure white, waxy like and fragrant, and producing fully as many if not more flowers.

We can mail strong flowering bulbs at 50c. each, 3 for \$1.

CRINUM CAPENSE.—Rose, sweet-scented; one of the finest Crinums; hardy with slight protection; producing many flower stalks 2½ to 4 ft. high and crowded with 10 to 15 blooms. Excellent sort. 40c.

PANCRATIUM MARITIMUM.—Hardy with protection, bearing large lily-like flowers on long stalks. Quite distinct from any of the above; very desirable. 25c.

IRIS KÄMPFERI (JAPAN IRIS).

IRIS KÄMPFERI (Japan Iris).—No more noble, brilliant and interesting flowers than these can be produced. They come in hundreds of different colors, blending harmoniously together. Being perfectly hardy they can remain out during winter. Elegant near edges of streams, etc. Our collection is a careful selection of all colors. 25c. each, 5 for \$1.

THE LEOPARD LILY OR BLACKBERRY LILY is the name given to *Pardanthus Sinensis*, a most curious Chinese lily, bearing on stalks 3 to 4 ft. high a large number of flowers of the richest colors, yellow and orange spotted with purple and black. These flowers are succeeded by fruits, which can scarcely be distinguished from a blackberry, and these are used for ornaments and for mixing with bouquets of dried grasses. A fine hardy plant deserving a place in every garden. Each 15c., 3 for 40c., 10 for \$1.00.

PEACOCK FLOWER (*Moræa Pavonia*).—A most distinct and curious flower of which the beauty can only be shown in a colored plate. Our small cut gives an idea of the flowers, which are of the purest white marked with a black eye blended with blue and purple; increases rapidly and is perfectly hardy; much admired in England. 15c. each, 4 for 50c.

PEACOCK FLOWER (MORÆA PAVONIA).

THE THREE GEMS.

MILLA-BESSERA—CYCLOBOTHRA.

MILLA BIFLORA (*Frosty Milla*). Gem No. 1. Delightfully fragrant, white waxy-like flowers, enlightened by a living sparkle. As many as eleven flower stalks will shoot up from one bulb. 10c. each, 3 for 25c., 7 for 50c.

BESSERA ELEGANS (*Coral Drops*). Gem No. 2. Will bloom shortly after being planted and will continue until frost. Flower stems 1 to 2 feet high, flowers bell-shaped, bright coral scarlet with white cups and dark blue anthers. 10c. each, 3 for 25c., 7 for 50c.

CYCLOBOTHRA (*Golden Shell*). Gem No. 3. Quite distinct, the flowers are golden yellow, with fine black dots in the petals; profuse bloomer and very effective. 10c. each, 3 for 25c., 7 for 50c.

One bulb of each of the above for 25c., 3 of each for 60c., 6 of each for \$1.00.

AMARYLLIS BELLADONNA is a well-known hardy Amaryllis, but the sort we offer here is a greatly improved variety, bearing larger flowers of brighter colors, sometimes assuming a deep rose tint, and they are produced in the greatest abundance as soon as established in the garden or in pots. Extra large bulbs, 30c. each, 4 for \$1.00.

AMARYLLIS EQUESTRE is an equally desirable bulb for pot culture, blooming almost as soon as planted. The flowers often measure 5 inches across, beautiful orange, shaded to clear green in centre. Improves yearly and sure to delight. Large bulbs, 25c., 2 for 40c.

AMARYLLIS FORMOSISSIMA. No Amaryllis can approach this in brilliancy of color which is of the deepest, most intense velvety scarlet. One of the rarest and richest colors among flowers. 20c. each, 3 for 50c.

One bulb of each of above would cost, at regular rates, \$2.15. We will mail the complete collection to one address for \$1.50.

AMARYLLIS BELLADONNA.

SPIDER LILY.

ZEPHYRANTHES (*Zephyr Flowers*). Of easiest growth, producing spike after spike of fine large amaryllis-like flowers, most delicate and attractive. We have three varieties, viz: *Z. Atamasco*, pure white, 10c., 3 for 25c.; *Z. Rosea*, pink, 10c. each, 3 for 25c. and *Z. Sulphurea*, which is entirely new and bears flowers of a rich coppery yellow; a fine sort, 25c. each. One of each of the above for 35c.

HYACINTHUS CANDICANS. A perfectly hardy Hyacinth, blooming during August and September. Its fine large bell-shaped flowers of greenish white are borne on spikes often 4 to 5 feet high; very desirable. 10c. each, 3 for 25c., 12 for 75c.

CAMASSIA ESCULENTA. In contrast to the above we are pleased to offer this fine blooming hardy bulb, similar in growth to *H. Candicans*, but bearing flowers of a beautiful shade of blue. We offer this for the first time and are sure that it will prove an acquisition. 15c. each, 4 for 50c.

1 Hyacinthus and 1 Camassia for 20c., 3 of each for 50c.

THE SPIDER LILY. That this fine Southern bulb has not become more popular before is only due to its former high price. Now that it can be obtained so cheaply, thousands are being sold. Strong bulbs, such as we offer, will send up many spikes, crowded with dozens of the most fragrant white flowers imaginable, which will expand daily for many weeks. A single spike cut off and placed in water when the first flowers begin to open will keep on blooming for two weeks and often longer, filling a room with their delightful fragrance. In mild localities the bulb is hardy. 20c. each, 3 for 50c.

MADEIRA VINE. Well known roots of rapid growth, soon covering an arbor with dark green foliage, covered in the fall with clusters of white, sweet-scented flowers. 10c. each, 3 for 25c.

APIOS TUBEROSA. Somewhat similar to the above, but bearing clusters of purple Wistaria-like flowers, which are very fragrant. 10c. each, 3 for 25c.

While thus condensing, as much as possible, we claim to carry one of the largest and most complete stocks in America, and our long acquaintance with the best growers, both at home and abroad, enables us to speak with confidence as to the quality of our Flower Seeds, which we guarantee to be unexcelled in every respect. Many of the choicest strains have been cultivated exclusively for our trade, and are not to be obtained, of such superior excellence, from any other source whatever.

SEEDS BY MAIL, POST-PAID.

ALL FLOWER SEEDS ARE SENT BY MAIL, POST-PAID, AT THE PRICES QUOTED.

LIBERAL PREMIUMS!

tell your friends of our liberal offer. This discount applies to packets only. Postage stamps received the same as cash.

On all orders for Flower Seeds in packets, the purchaser may select twenty-five cents' worth extra for every dollar sent us. Thus—anyone sending us a dollar, may select seeds amounting to \$1.25; for \$2.00, seeds to the value of \$2.50, and so on. Please

ABRONIA UMBELLATA.

ABRONIA.
Charming trailer, with beautiful verberna-like clusters of sweet-scented flowers; continues in bloom a long time; very effective in beds, rock-work, or hanging baskets. *Annuals.*

Umbellata.—Rosy-lilac, fragrant. $\frac{1}{2}$ ft. Pkt. 5c., oz. 75c.
Arenaria.—Yellow. $\frac{1}{2}$ ft. Pkt. 5c., oz. \$1.00.

ABRONIA UMBELLATA.

ALYSSUM.

Neat and ornamental species; well adapted for rock-work, flower-beds, and borders. Makes an excellent pot plant for winter, and very desirable for window boxes. *Hardy.*

Benthami (*Sweet Alyssum*).—White. *Annual.* $\frac{1}{2}$ ft. Pkt. 5c., oz. 50c.
Benthami Compactum.—New; very pretty; white. Pkt. 5c., oz. 75c.
Saxatile Compactum.—Deep golden-yellow. $\frac{1}{2}$ ft. *Perennial.* Pkt. 5c., oz. 75c.

ALONSOA.

Brilliant, easily grown annual; suitable for in-doors or the summer garden; very desirable. *White and scarlet.* Each, pkt. 5c., oz. 50c.

SWEET ALYSSUM.

AGROSTEMMA.

Handsome, free flowering, attractive border plants, at home in any garden; excellent for cut flowers.

Coronaria Atrosanguinea (*Rose Campion*).—Crimson. *Perennial.* 2 ft. Pkt. 5c., oz. 50c.

Coronaria Alba.—White. *Perennial.* 2 ft. Pkt. 5c., oz. 50c.

Cæli Rosea (*Rose of Heaven*).—Deep rose. *Annual.* 1 ft. Pkt. 5c., oz. 35c.

Cæli Rosea Alba.—White. *Annual.* 1 ft. Pkt. 5c., oz. 35c.

ANAGALLIS.

(PIMPERNEL.)

Called also "Poor Man's Weather Glass." Very handsome, dwarf annuals; excellent for borders. *Mixed colors.* Pkt. 5c.

ACROCLINIUM ROSEUM.

ADLUMIA CIRRHOSA.
"MOUNTAIN FRINGE."

ACROCLINIUM.

One of the most beautiful and valuable of the everlasting flowers, and grown extensively for winter bouquets. Sow in hot-beds, and transplant. *Annuals.*

Album.—Single white. 1 ft. Pkt. 5c., oz. 30c.

Album, fl. pl.—Double white. 1 ft. Pkt. 10c.

Roseum.—Single bright rose. 1 ft. Pkt. 5c., oz. 30c.

Roseum, fl. pl.—Double rose. 1 ft. Pkt. 10c.

ADLUMIA.

(MOUNTAIN FRINGE.)

A beautiful perennial climber, with elegant foliage, resembling the maiden-hair fern. Sow the seed in May where they are to remain, and they will bloom the following season.

Cirrhosa.—Pink. 10 ft. Pkt. 5c., oz. \$1.50.

ACACIA LOPHANTHA.

Graceful, ornamental green-house shrub, with handsome spikes of yellow flowers. 1 ft. 10c., oz. \$1.00. *Acacia mixed*, 1 ft. 10c., oz. \$1.00.

AMARANTHUS.

Foliage plant, with very handsome leaves and flowers. The foliage is most brilliant and striking in nearly all the varieties, rendering them objects of great beauty for the summer garden. Of easy culture. *Annuals.*

Caudatus (*Love-lies-bleeding*).—Crimson. 3 ft. Pkt. 5c., oz. 35c.

Cruentus (*Princes' Feather*).—Scarlet. 3 ft. Pkt. 5c., oz. 35c.

Salicifolius (*Fountain Plant*).—Highly-colored drooping foliage. 4 ft. Pkt. 5c., oz. \$1.00.

Tricolor (*Joseph's Coat*).—Red, yellow, and green. Very ornamental. 3 ft. Pkt. 5c., oz. 35c.

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Tricolor (*Joseph's Coat*).—Red, yellow, and green. Very ornamental. 3 ft. Pkt. 5c., oz. 35c.

AMARANTHUS CAUDATUS.
"LOVE-LIES-BLEEDING."

AGROSTEMMA CORONARIA.
"ROSE CAMPION."

GARDINER'S • SUPERB •

✦ FRENCH AND GERMAN ✦

ASTERS.

BOLTZE'S DWARF BOUQUET ASTER.

Triumph.

A very dwarf and compact race, with beautiful imbricated flowers. The colors are very distinct and charming, and, from experience, have proven quite an acquisition to our list of dwarf Asters. **DARK SCARLET.**—Pkt. 15c. **DARK SCARLET AND WHITE.**—Pkt. 15c.

Comet.

Delicate pink, bordered with white, the petals being long, twisted and curled like a Japanese Chrysanthemum; same height and habit as the Dwarf Peony Perfection. Pkt. 10c.

Comet, Deep Rose

An exact counterpart of the preceding, only the flower is pure deep rose. Pkt. 10c.

Comet Light Blue.

A new color in this distinct and charming race; beautiful light blue. Pkt. 15c.

Mignon.

A beautiful pure-white variety, like the Victoria in form and habit, but a more profuse bloomer and very refined in form. Pkt. 15c. oz., \$5.00.

Imbricated Pompon.

Exquisitely formed Pompon flowers; splendid. Pkt. 15c., oz. \$3.50.

Betteridge's Quilled.

The finest type of quilled Aster, very double and beautifully quilled; *mixed colors.* Pkt. 5c., oz. \$1.00.

Goliath.

Immense flowers, very double; *mixed colors.* Pkt. 10c., oz. \$2.50.

Hedgehog or Needle.

A splendid variety with large flowers, and long, sharply-pointed petals; *mixed colors.* Pkt. 10c., oz. \$2.50.

Giant Emperor.

A variety of large proportions and robust habit, bearing a single immense flower on each stem, very double; *mixed colors.* Pkt. 15c., oz. \$5.00.

Washington.

The largest Aster grown, bearing flowers four to five inches in diameter and very double; splendid for exhibition; *mixed colors.* Pkt. 15c.

Dwarf German.

Very dwarf variety, profuse bloomer, and excellent for pots; *mixed colors.* Pkt. 10c., oz. \$1.75.

Shakespeare.

Very handsome dwarf variety, brilliant and showy; *mixed colors.* Pkt. 10c., oz. \$2.50.

Prince of Wales.

A very large and finely formed dark crimson Aster, growing 18 inches in height, and flowering very profusely. This is the most popular crimson variety with large growers for the market. Pkt. 10c., oz. \$2.50.

NEW QUEEN ASTER.

DWARF GERMAN ASTER.

Boltze's Dwarf Bouquet.

One of the finest dwarf Asters, very profuse bloomer; *mixed colors.* Pkt. 10c. oz. \$3.00.

Dwarf Pyramidal Bouquet.

Fine pyramidal habit, brilliant colors, elegant; *mixed colors.* Pkt. 10c., oz. \$3.00.

Liliput.

New and charming variety with small flowers produced in great abundance; *mixed colors.* Pkt. 10c., oz. \$1.50; *pure white,* pkt. 15c., oz. \$5.00.

New Queen.

A new large-flowering class of very fine dwarf habit not exceeding 9 or 10 inches in height and bearing profusely full, double imbricated flowers of extraordinary size. Unsurpassed for bedding purposes, and excellent for growing in pots for market. *Crimson, Dark Blue, Light Blue, and White.* Each, per packet, 10c.

Non Plus Ultra (New).

Resembles the *Victoria* in form of flower; perfectly double, very large and carried well above the foliage. Distinct branching habit, making a circular bush 1½ ft. in diameter and not more than 15 in. in height. *Mixed colors.* Pkt. 15c.

NEW TRIUMPH ASTER.

Gardiner's Superb French and German Asters

Fig. 1: **LARGE-FLOWERED ROSE.**—Beautiful variety, of branching habit; large double flowers of brilliant colors. *Mixed colors*, pkt. 10c., oz. \$3.00; *dark scarlet (new)*, pkt. 15c., oz. \$1.00.

Fig. 2: **CROWN (White Centred or Cocardeu).**—Large, white-centred flowers, forming a beautiful contrast to the brilliant colored outer petals. *Mixed colors*, pkt. 10c., oz. \$3.50.

Fig. 3: **TRUFFAUT'S PEONY-FLOWERED PERFECTION.**—This is the most perfect type of Peony-Flowered Aster in cultivation; in habit, form, size, and color it is unrivalled. *Mixed colors*, pkt. 15c., oz. \$3.50; *scarlet*, pkt. 15c., oz. \$4.00; *pure white*, pkt. 15c., oz. \$4.00.

Fig. 5: **NEW LARGE-FLOWERED DWARF CHRYSANTHEMUM.**—Immense flowers, showy colors, compact habit. *Mixed colors*, pkt. 10c., oz. \$3.00.

DWARF VICTORIA.—Resembles the Victoria, except in height, which is only about 12 inches. The flowers are equally as large and brilliant. *Mixed colors*, pkt. 10c., oz. \$3.50; *pure white*, pkt. 15c.; *bright crimson*, pkt. 15c.; *dark scarlet*, pkt. 15c.

Fig. 4: **NEW LARGE-FLOWERING VICTORIA.**—

Of pyramidal form; large, brilliant flowers, beautifully imbricated; the handsomest Aster in cultivation. Our strain is extra fine. *Mixed colors*, pkt. 10c., oz. \$3.50; *pure white*, pkt. 15c., oz. \$4.00; *crimson*, pkt. 15c., oz. \$4.00; *light blue*, pkt. 15c., oz. \$4.00; *rose*, pkt. 15c., oz. \$4.00. **Needle Victoria.**—*Mixed colors*, pkt. 15c.; oz. \$4.00.

ABUTILON.

ARISTOLOCHIA*(Dutchman's Pipe).*

Sipho.—A splendid hardy climber for covering walls, trellises, etc. Flowers brownish-purple; leaves large and glossy. *Perennial*. 30 ft. Pkt. 10c.

Elegans.—An elegant new variety, with flowers of a dark purple and white, produced in great profusion. Pkt. 25c.

ASPERULA.

Odorata (*Woodruff*).—White; fragrant. *Perennial*. 1 ft. Pkt. 5c., oz. \$1.00.

Azurea Setosa.—Blue; very beautiful and fragrant; grows well in shady places. *Annual*. 1 ft. Pkt. 5c., oz. 40c.

ARABIS.

Alpina.—An early, spring-flowering, hardy herbaceous plant. Excellent for borders or rock-work. Pure white. Height, 9 in. Pkt. 5c., oz. \$1.00.

ANTIGONON*(Mexican Mountain Rose).*

A beautiful climber with large clusters of scarlet flowers; splendid rich shade and borne freely. Grand perennial climber for the greenhouse. Perfectly hardy south of Washington. Pkt. 15c.

ANTIRRHINUM (SNAP DRAGON).

ABUTILON.

Desirable plant for conservatory or house culture, with bell-shaped flowers. Grows rapidly in sandy loam, and is very effective when plunged in the border in summer. *Half-hardy shrubs*.

Extra Fine Mixed.—From new fertilized sorts. Pkt. 25c.

ACHILLEA.

Parmica, fl. pl.—Free flowering, hardy, herbaceous plant, with double white flowers; splendid for cutting. 1 ft. Pkt. 10c., oz. \$1.00.

ADONIS.

Handsome plants with showy flowers, and of easy culture in any soil. Seed should be sown early. *Æstivalis* (*Flos Adonis*).—Scarlet. *Annual*. 1 ft. Pkt. 5c., oz. 50c.

AGERATUM, IMPERIAL DWARF.

BOSTON IVY.
(AMPELOPSIS.)

Nanum, Mixed.—New blotched varieties. 1 ft. Pkt. 5c., oz. 75c.
Tom Thumb.—Very dwarf; beautiful colors. Height, 9 in. Pkt. 5c., oz. 75c.

AQUILEGIA (*Columbine*).

Showy, hardy, herbaceous perennials. Highly prized as border plants and easily grown in light loam, well drained. Some of the recent introductions are very beautiful. *Glandulosa* is one of the most beautiful hardy plants in cultivation.

Californica Hybrida.—Golden-yellow; sepals and spurs red. 2 ft. Pkt. 10c., oz. \$2.00.

Double Carnation Striped.—Very beautiful. 2 ft. Pkt. 25c.

Chrysantha.—Golden-yellow. 2 ft. Pkt. 5c., oz. \$1.00.

Cœrulea Hybrida.—Blue and white; large and beautiful. 2 ft. Pkt. 10c., oz. \$2.50.

Glandulosa Vera.—Very large dark blue flowers, with pure white corolla. Most beautiful. 2 ft. Pkt. 25c.

Jaschkani.—Large yellow flowers, with red spurs; splendid. Pkt. 20c. Skinneri.—Scarlet, tipped with yellow; very fine. 2 ft. Pkt. 10c., oz. \$2.50.

Vervœneana Double Violet.—Very double, dark violet flowers, and variegated foliage; beautiful. 2 ft. Pkt. 10c., oz. \$2.00.

Single, Mixed.—Finest sorts. Pkt. 5c., oz. 50c.

Double, Mixed.—Finest sorts. Pkt. 5c., oz. 75c.

Vernalis.—Yellow. *Perennial*. 1 ft. Pkt. 5c., oz. 50c.
Autumnalis.—Crimson. *Annual*. 1 ft. Pkt. 5c., oz. 50c.

AGERATUM.

Fine plants for massing outside, and valuable for winter blooming in the house. Prized by florists for cut flowers. *Annals*.

Lasseauxii.—Very fine; rose color. 1½ ft. Pkt. 5c., oz. \$1.50.

Mexicanum Album.—White. 1½ ft. Pkt. 5c., oz. 50c.

Mexicanum Blue.—1½ ft. Pkt. 5c., oz. 50c.

Mexicanum Imp'l Dwarf. Dark blue. 1 ft. Pkt. 5c., oz. 75c.

Mexicanum Imp'l Dwarf. White. 1 ft. Pkt. 5c., oz. 75c.

Mexicanum Little Dorritt. Azure blue; very floriferous. Pkt. 5c., oz. \$1.50.

AMPELOPSIS*(Boston or Japanese Ivy).*

A most popular, hardy vine. Rapid grower, and clings tenaciously to all stone surfaces. A great attraction on many city residences throughout the country.

Veitchii.—The true Japanese or Boston Ivy. Pkt. 10c., oz. \$1.50.

ANTIRRHINUM*(Snap-dragon).*

Very pretty free-flowering plants. One of the best annuals for beds and borders. Grows well in ordinary soil.

Majus, Mixed.—Finest colors. 2 ft. Pkt. 5c., oz. 60c.

DOUBLE BALSAMS. "LADY'S SLIPPER." "TOUCH-ME-NOT."

Our improved strains of these popular and beautiful annuals produce their gorgeous masses of brilliant blossoms in the greatest profusion throughout the summer and autumn.

COVENT GARDEN, WHITE.—Very double; unsurpassed for cutting; pkt. 10c., oz. \$1.00.
COVENT GARDEN, SCARLET.—Pkt. 10c., oz. \$1.00.

COVENT GARDEN, MIXED.—Pkt. 10c., oz. \$1.00.
CAMELLIA-FLOWERED, WHITE.—Very fine double, splendid for florists' use; pkt. 10c., oz. \$1.00.
CAMELLIA-FLOWERED, MIXED.—Pkt. 10c., oz. \$1.00.
CARNATION-STRIPED.—Mixed; pkt. 10c., oz. \$1.00.

SOLFERINO, SPOTTED.—White, scarlet spots and stripes; pkt. 10c., oz. \$1.00.
VICTORIA, SPOTTED.—Satin white, scarlet spots; pkt. 5c., oz. 75c.
CHOICEST MIXED.—Pkt. 10c., oz. \$1.00.
FINE MIXED.—Pkt. 5c., oz. 40c.

Balloon Vine (*Cardiospermum*).

A charming climber; remarkable for its inflated capsule, from which the name, "balloon vine," is derived. *Annual.* Pkt. 5c., oz. 50c.

Bartonia Aurea.

Very showy annual, with beautiful golden-yellow flowers, having a peculiar metallic lustre under sunshine. 1 ft. Pkt. 5c., oz. 50c.

Browallia.

Very pretty for pots, baskets, and edgings, and unsurpassed for cutting. Flowers all summer in great profusion. *Annual.* best in light, rich loam. Height, 18 in.

ABBREVIATA.—Deep rose. Pkt. 15c.

ELATA GRANDIFLORA.—Blue, large flowered. Pkt. 5c., oz. \$1.00.

ELATA ALBA.—White. Pkt. 5c., oz. \$1.00.

ROZELL.—Large flowers, some white, some blue; beautiful for pot culture and bedding. Pkt. 15c.

FINE MIXED.—Pkt. 5c., oz. \$1.00.

Calceola.

("Tassel Flower." "Flora's Paint Brush.")

One of the handsomest and easiest grown annuals, producing its beautiful flowers in the greatest profusion.

COCCINEA.—Bright scarlet. Pkt. 5c., oz. 50c.

LUTEA.—Golden-yellow. Pkt. 5c., oz. 50c.

CALENDULA.

(*Marigold*.)

LE PROUST.—Double nankeen color, comes true from seed. Pkt. 5c., oz. 40c.

METEOR.—Double, light orange-striped. Pkt. 5c., oz. 40c.

PRINCE OF ORANGE.—Darker orange than "Meteor."

A fine variety. Pkt. 5c., oz. 40c.

SUPERBA.—Double, rich yellow, dark-eye. Pkt. 5c., oz. 40c.

FINE MIXED.—Pkt. 5c., oz. 40c.

Campanula.

(*Canterbury Bell, Bell Flower*.)

Perennial sorts mixed.—Pkt. 5c., oz. 50c.

Annual sorts mixed.—Pkt. 5c., oz. 50c.

Calceolaria.

Tender green-house perennial; magnificently colored flowers.

Thompson's "Dalkeith Park" Strain.—Unsurpassed for richness and variety. Pkt. 50c.

BELLIS PERENNIS, FL. PL.—(*English Daisy*.)

Bellis Perennis (*Double English Daisy*).

As an edging for shady borders, and as pot plants, these handsome hardy perennials are unsurpassed. The strains we offer are remarkable for the size and doubleness of their flowers, and much superior to those generally offered. *Perennials.* ½ ft.

DOUBLE WHITE.—Pure white. Very double. Pkt. 15c., oz. \$5.00.

DOUBLE RED.—Fine bright red. Pkt. 15c.; oz. \$5.00.

DOUBLE ROSE.—Dark rose; extra. Pkt. 15c., oz. \$5.00.

DOUBLE LONGFELLOW.—Rose; new and fine. Pkt. 15c., oz. \$5.00.

DOUBLE EXTRA CHOICE MIXED.—Pkt. 15c., oz. \$5.00.

Canna.

Fine mixed.—4 to 8 ft. Pkt. 5c., oz. 50c.
Crozy's new mixed.—A remarkable new race; handsome flowers and foliage. Pkt. 15c. oz. \$3.00.

CALENDULA "METEOR."

CAMPANULA (*Canterbury Bell*).

DOUBLE BALSAM.

BEGONIA REX.

Begonia Rex.

These are the popular ornamental-leaved varieties so popular as pot plants for all kinds of decoration. The foliage is particularly striking and handsome. Pkt. 50c.

CALCEOLARIA, Thompson's "Dalkeith Park" strain.

CATANANCHE.

A class of very handsome hardy perennials, remarkable for freedom of bloom and ease of culture. Excellent subjects for drying for everlasting flowers. Succeed in any ordinary garden soil.

Coerulea.—Blue. Two feet. Packet 5 cents, ounce 50 cents.

Coerulea alba.—White. Two feet. Packet 5 cts., ounce 50 cts.

CASTOR OIL PLANT.—See Ricinus.

CATCHFLY.—See *Silene Armeria*.

CELOSIA (*Cockscomb*).

Magnificent free flowering, graceful growing plants, producing, in the greatest profusion, their beautiful flowers in combs and feathery spikes. Seed should be sown early, and planted out in June, in light, rich soil. Grown in pots they are one of the most elegant plants for conservatory decoration. *Annuals*.

Cristata nana mixed.—A choice mixture of the newest dwarf crested varieties, embracing the most brilliant colors. One foot. Packet 10 cents, ounce \$2.00.

Cristata nana, "Glasgow Prize."—A splendid distinct dwarf variety, with dark foliage and crimson combs. One foot. Packet 15 cts., ounce \$3.00.

Cristata nana Empress.—A large and effective variety with bright-crimson combs and dark foliage. One foot. Packet 15 cents, ounce \$5.00.

Huttoni.—A beautiful variety with dark foliage. Two feet. Packet 15 cents, ounce \$2.50.

Japonica.—A beautiful class with delicately-cut combs, like ruffled lace, and of the most brilliant and charming colors. Two ft. Packet 10c., ounce \$1.50.

Pyramidalis plumosa mixed.—Feathery spikes, violet, gold, and crimson, very fine. Three feet. Packet 5 cts., ounce 75 cents.

CENTRANTHUS.

Macrosiphon nanus mixed. Effective free-flowering plants of neat, compact habit. Excellent for ribbons or beds, and growing well in ordinary garden soil. *Annuals*. 1½ feet. Packet 5 cents, ounce 50 cents.

CERASTRIUM (*Snow in Summer*).

Biebersteini.—Silver-leaved, plant admirably adapted for edgings, rock-work, etc. *Perennial*. Height 3 inches. Packet 10 cents, ounce \$1.50.

CHAMAPEUCE (*Fish-bone Thistle*).

Diantha.—An ornamental silvery-foliaged plant with elegantly cut foliage, very fine. *Perennial*. Height six inches. Packet 5 cents, ounce 75 cents.

CHAEMEROPS (*Palm*).

Excelsa.—One of the finest palms for decorative purposes, with handsome spreading fan-shaped leaves. *Perennial*. Height two feet. Packet 25 cts.

CHERRIRANTHUS (*Virginian Stock*).

Maritimus.—Handsome free-flowering, hardy annual; splendid for edgings. Height six inches. *Red, white, Crimson King, and Fairy Queen*. Each, packet 5 cents, ounce 60 cents.

CENTAUREA.

A very valuable and interesting genus, remarkable for the showy free-flowering habit of some of its members, and the beautiful silvery foliage of others. *Centaurea cyaneus*, the "Bachelor's Button," *C. moschata*, the "Sweet Sultan," and *C. americana* the "Basket Flower," are among our most valuable plants for bedding and are extensively used by florists for cut flowers. *C. clementei*, *candidissima*, and *gymnocarpa* are beautiful silvery-leaved sorts, and generally known as "Dusty Millers"—unsurpassed for ribbon borders. Succeed well in ordinary garden soil.

Americana.—Lilac-purple, showy. *Annual*. Two feet. Packet 5 cents, ounce 75 cents.

Candidissima.—Silver leaves, broadest and whitest of all the silvery sorts. *Half-hardy perennial*. One foot. Packet 10 cents, ounce \$6.00.

Clementei.—Silver leaves, finely cut and very white. *Half-hardy perennial*. One foot. Packet 10 cents, ounce \$2.00.

Cyanus mixed (*Bachelor's Button*).—*Annual*. Two feet. Packet 5 cents, ounce 40 cents.

Cyanus Emperor William. Very dark-blue, the finest of all the "Bachelor Buttons." Packet 5 cents, ounce 40 cents.

Depressa.—Blue, with red center. *Annual*. One ft. Packet 5 cents, ounce 40 cents.

Gymnocarpa (*Dusty Miller*). Silvery foliage, very graceful. *Half-hardy perennial*. One foot. Packet 10 cents, ounce \$1.50.

Moschata (*Sweet Sultan*).—Splendid. *Annual*. Two feet. Blue, white, purple, and mixed. Each, packet 5 cents, ounce 50 cents.

Sauveolens (*Yellow Sweet Sultan*).—Excellent for cut flowers. *Annual*. Two ft. Pkt. 5 cents, ounce 60 cents.

CHEIRANTHUS ANNUUS.

(See Stock.)

CHELONE.

Barbata Torreyi.—Pentstemon-like plant, with long racemes of handsome scarlet flowers, singularly beautiful. *Perennial*. Height two feet. Packet 5 cents, ounce 75 cents.

CH'ONODOXA (*Glory of the Snow*).

Lucilia.—Produces, on every stem, twelve to sixteen lovely sky-blue flowers, with a conspicuous white centre. Useful for pots, and can be used with charming effect in edging, massing, or rockwork. *Bulbous perennials*. Height six inches. Packet 25 cents.

CHLORA.

Grandiflora.—A very pretty plant, with brilliant yellow flowers. *Hardy biennial*. Height 1 foot. Packet 10 cents, ounce \$1.50.

CLEMATIS.

Rapid-growing, free-flowering climbers, admirably adapted for covering verandas, trellises, arbors, etc. The seeds require a considerable time to germinate. *Hardy perennials*.

Jackman's New Hybrids. Saved from Mr. Jackman's celebrated collection. Packet 15 cents.

CELOSIA "GLASGOW PRIZE" (*Cockscomb*).

CELOSIA PYRAMIDALIS PLUMOSA.

CENTAUREA CANDIDISSIMA.

CENTAUREA GYMNOCARPA.

CHRYSANTHEMUM.

The annual varieties of the Chrysanthemum are among the most showy and effect-

CHRYSANTHEMUM FRUTESCENS
(Paris Daisy).

CHRYSANTHEMUM INDICUM.

CHRYSANTHEMUM
TRICOLOR.

ive of our garden favorites. They are easily grown in ordinary garden soil, and will bloom profusely all summer, giving an abundant supply of flowers, and they are also useful for pot plants during the winter. Indicum, the well-known Chinese, Japanese, and Pompon Chrysanthemums requires to be sown in heat early in the season. Succeeds best in equal parts of rich loam and well-rotted manure.

Tricolor album.—Single white. Annual. 1½ feet. Pkt. 5c., oz. 50c.
Tricolor burdigeanum.—Single white with crimson band and yellow center. Annual. 1½ feet. Packet 5 cents, ounce 50 cents.

Tricolor Bunnets, Double White and Double Yellow.—Free flowering. Annual. 1½ feet. Each, packet 5 cents, ounce 50 cents.

Tricolor Eclipse.—Single golden yellow, dark brown disk and purple ring. Annual. 1½ feet. Packet 5 cents, ounce \$1.00.

Tricolor Golden Feather.—New golden leaved variety; single white flowers with crimson and yellow rings and dark center. Annual. 1½ feet. Packet 5 cents, ounce \$1.50.

Tricolor Lord Beaconsfield.—Single crimson maroon edged with gold. Annual. 1½ feet. Packet 5 cents, ounce \$1.00.

Tricolor The Sultan.—Single deep crimson, gold band next the center. Annual. 1½ ft. Pkt. 5c., oz. \$1.

Tricolor purpureum.—Single deep crimson. Annual. 1½ feet. Packet 5 cents, ounce 50 cents.

Tricolor Fine Mixed.—Single and double sorts. Packet 5 cents, ounce 50 cents.

Coronarum double lemon and double white.—Splendid for cutting. Annuals. 1½ feet. Each, pkt. 5c., oz. 75c.

Frutescens (The Paris Daisy, or Marguerite).—Golden and white. Each, packet 10 cts., ounce \$2.50.

Indicum.—The well-known variety for pot and greenhouse culture; remarkable for diversity of form and color. The varieties are numerous and are divided by florists into various classes, "Chinese," "Pompon," "Japanese," etc. Our strain

CLARKIA PULCHELLA.

CINERARIA.—James' & Weatherill's Superb Strain.

CLARKIA ELEGANS.

of seed is saved from a very fine prize collection comprising all the different forms and colors, and is certain to give unqualified satisfaction. Packet 25 cts.

Inodorum double white.—A perennial sort flowering the first season

from seed and producing fine double white flowers, excellent for bouquets. Packet 10 cents, ounce \$2.00.

CINERARIA.

The Cineraria is one of our most popular plants; the hybrid varieties making elegant subjects for conservatory decoration during winter, being of neat habit and very free flowering and producing their most brilliant flowers in great variety of color; while the silver leaved sorts are invaluable for edging in the summer garden, being almost as much used for this purpose as the Centaurea, and like the Centaurea familiarly known as "Dusty Miller's." The hybrid varieties are usually sown either in September or February in a mixture of leaf-mould, loam, and sand, and potted off when large enough. The silver foliaged sorts are sown in February or March, and are planted out about first of June in ribbon borders or as edgings to beds.

Acanthifolia.—Fine silvery foliage. 1 foot. Packet 10 cts., oz. \$2.00.

Maritima.—Silver foliage very graceful. 1 ft. Packet 5c., oz. \$1.00.

Maritima candidissima.—Whiter leaves than Maritima. Packet 5 cents, ounce \$1.00.

Hybrida grandiflora.—James' & Weatherill's superb strain. Awarded many first premiums at the Metropolitan Exhibitions. Packet 25 cents.

CLARKIA.

Elegans alba.—Pure white. Two feet. Single and double. Annual. Each, packet 5 cents, ounce 50 cents.

Elegans Purple King.—A very fine double purple variety. Annual. Packet 5 cents, ounce 50 cents.

Elegans Salmon Queen.—Similar to preceding, but of a beautiful salmon color. Annual. Pkt. 5c., ounce 50c.

Elegans mixed.—Annual. Packet 5 cents, ounce 50 cts. **Patchella mixed.**—In great variety of color and form. Annual. Packet 5c., oz. 50c.

COREOPSIS, OR CALLIOPSIS.

Showy genus of hardy annuals and perennials, succeeding well in ordinary garden soil.

Bicolor Mixed.—Annual. $1\frac{1}{2}$ ft. Pkt. 5c.; oz. 50c.

Cardaminifolia.—Dwarf, crimson. Annual. 1 ft. Pkt. 5c., oz. 50c.

Drummondii.—Yellow and red. Annual. $1\frac{1}{2}$ ft. Pkt. 5c., oz. 50c.

COREOPSIS GOLDEN WAVE.—In the annual section of the Coreopsis family this is probably the most effective and beautiful. A mass of golden-yellow all summer. Pkt. 10c., oz. 50.

Mixed Annual Sorts.—Very choice. Pkt. 5c., oz. 50c.

GOLDEN COREOPSIS.—The Golden Coreopsis (*Coreopsis lanceolata*) is one of the most valuable of our summer-flowering herbaceous plants. The flowers are bright golden-yellow, beautifully fringed, and are produced freely all summer, and until late in the fall. Its freedom of bloom is remarkable, the plant being literally covered with flowers. When grown in a mass the effect is charming. Excellent for cutting; lasting well, and making up gracefully in bouquets. The root is perennial; perfectly hardy; sown early, will flower first season from seed. Pkt. 15c.

COREOPSIS GOLDEN WAVE.

CLIANTHUS (AUSTRALIAN GLORY PEA.)

One of the most magnificent plants in cultivation, with singularly beautiful foliage and magnificent clusters of long, drooping flowers, somewhat resembling a parrot's beak. Succeeds best in loam peat, and sand mixed. Does well planted in a border of the conservatory, or will flourish against a south wall if protected from frost. Perennial.

Dampieri (*Glory Pea*).—Brilliant scarlet with a black blotch in the centre. Pkt. 25c., oz. \$6.00.

Funeus (*Parrot's Beak*).—Brilliant red, spotted with white. Pkt. 15c., oz. \$4.00.

GOLDEN COREOPSIS.

COLEUS.

A genus of ornamental leaved plants largely used for the decoration of beds and borders; excellent for massing. Our strain of seed is saved from a very fine collection, and will give many new and rare forms. Pkt. 25c.

COBOEA

A magnificent quick growing climber with beautiful foliage and large bell-shaped flowers. The seeds should be planted edgewise in moist earth, and water withheld until the seeds sprout. Liable to rot if watered too freely. A covering of moss or litter to prevent a too rapid evaporation of moisture is beneficial. Annual.

Scandens.—Blue, 20 ft. Pkt. 10c., oz. \$1.00.

Scandens alba.—White. 20 ft. Pkt. 15c., oz. \$2.00.

COSMOS HYBRIDUS.

A magnificent race of plants growing about four feet in height, and in the fall literally covered with graceful flowers resembling single Dahlias, but neater and better for cutting. They are about two inches in diameter; rose, purple, flesh, and pure white. As a cut flower for vases or personal wear their grace and beauty are unequalled. They commence to bloom in September and continue through October, the flowers bearing a slight frost remarkably. Cuttings struck in August in rich soil make fine dwarf plants covered with bloom. Potted and taken in doors in November (like Chrysanthemums) the plants will bloom freely and last for a considerable time. Easily raised from seed and if sown early bloom the first season. Our strain is the true "American Improved," and much superior to imported seed. Perennial. Mixed colors. Pkt. 10c., Pure white, pkt. 15c.

CONVOLVULUS (MORNING GLORY).

The Morning Glory is so well known, and such a universal favorite for covering verandas, arbors, etc., that it requires no description. The dwarf varieties of Morning Glory are, however, not quite so well known, but are nevertheless among the showiest and handsomest annuals we have.

They grow about a foot in height, and make excellent subjects for ribbon borders, massing, etc., producing their rich and brilliant flowers in great profusion.

Major Finest Mixed (*Morning Glory*).—Saved from the best varieties. Annual. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00. Collection of ten colors, 40c.

Mauritanicus.—Blue; beautiful for hanging baskets and vases. Perennial. Pkt. 10c., oz. 21.00.

Minor Finest Mixed (*Dwarf Morning Glory*).—Saved from the best varieties. Annual. Height, 1 ft. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

COSMOS HYBRIDUS.

CONVOLVULUS MAJOR (*Morning Glory*).

COLLINSIA.

An exceedingly pretty free-flowering class of annuals from California. Fine for beds or ribbon borders.

Finest mixed.—Saved from the best sorts. 1 ft. Pkt. 5c., oz., 50c.

CYCLAMEN. These elegant green-house perennials have been vastly improved of late years—the *giganteum* section especially showing a marked advance in form, color, and substance, in addition to great size of flower and freedom of bloom. Our strain is selected from the improved English sorts brought out by James, Thompson, Clark and other celebrated market growers, and is conceded to be unsurpassed.

CYCLAMEN PERSICUM (Wiggen's strain).—A very superior strain of the *Persicum*—(not the *giganteum*). Mixed colors. 15c. pkt.

CYCLAMEN PERSICUM GIGANTEUM.—A magnificent strain; extra selected. Mixed colors. 25c. pkt.

Note.—Cyclamen seeds sown early will bloom following winter. We can supply blooming bulbs in September.

CYCLAMEN GIGANTEUM.

DELPHINIUM.

(LARKSPUR.)

Very showy herbaceous plants, with finely-cut foliage and handsome flowers in different shades of blue, purple, and white. For large beds on lawns or masses and mixed borders they are unsurpassed. The taller growing varieties are also excellent for cut flowers. Succeed best in a light, rich soil in a sunny situation.

Elatum (*Bee Larkspur*).—Blue; 5 ft. Pkt. 5c., oz. 50c. **Formosum.**—Dark blue. Perennial. 2 ft. Pkt. 5c., oz. \$1.00.

Nudicaule.—Brilliant light scarlet, shading to crimson. Perennial. 2 ft. Pkt. 10c., oz. \$3.00.

Hybridum, fl. pl.—Saved from a choice collection of double-flowered perennial sorts. Pkt. 15c.

Double Dwarf Rocket (*Larkspur*).—Various colors. Annual. 1 ft. Pkt. 5c., oz. 40c.

Double Tall Rocket (*Larkspur*).—Various colors. Annual. 1½ ft. Pkt. 5c., oz. \$1.00.

Double Tall Branching (*Larkspur*).—Various colors. Annual. 1½ ft. Pkt. 5c., oz. 40c.

Double Dwarf Candelabrum (*Larkspur*).—Various colors. Annual. 1 ft. Pkt. 10c., oz. \$2.00.

Bismarck (*Larkspur*).—A beautiful red striped variety. Annual. 1 ft. Pkt. 5c., oz. 75c.

DELPHINIUM
HYBRIDUM.

New Single Dahlias

These possess an airy grace that makes them exceedingly attractive and most suitable for cutting for vases or personal wear. They will flower the first season if started in a gentle heat in February and frequently transplanted. Mixed colors. Pkt. 10c., oz. \$3.00.

Double Dahlias.

Double Large-Flowering, Mixed.—Saved from a choice collection. Pkt. 10c., oz. \$3.00.

Double Dwarf, Mixed.—Very fine. Pkt. 10c., oz. \$4.00.

Double Liliput.—Small 11-flowering variety, of dwarf habit. Excellent for bedding. Pkt. 10c., oz. \$4.00.

NEW SINGLE DAHLIAS.

DOUBLE DAHLIAS.

DIANTHUS (Pink.)

A truly beautiful genus, containing some of the most prized flowers we possess. The flowers are brilliant, showy, and fragrant; the foliage always bright, as green and as vivid in winter as summer. The annual and biennial varieties merely require sowing in the open border, where they will grow and flower freely. The perennial varieties may be

DIANTHUS HEDDEGI (Single Fringed).

Barbatus single mixed (Sweet William).—Hardy biennial. 1½ feet. Packet 5 cents, ounce 50 cents.

Barbatus double mixed.—Fine strain. Packet 5 cents, ounce \$1.50.

Barbatus, Hunt's perfection.—A very choice strain of the auricula-eyed Sweet William. Packet 5 cents, ounce 75 cents.

Caryophyllus (Carnation).—Choicest mixed; saved from stage flowers, a very choice strain of carnations, pinks, and picotees. Half-hardy perennial. Packet 50 cents.

DIANTHUS HEDDEGI, FL. PL.

Caryophyllus (Carnation).—Double finest, mixed from open ground flowers. Packet 25 cents.

Caryophyllus (Carnation).—Double fine, mixed from open ground flowers. Packet 10 cents, ounce \$2.50.

Caryophyllus (Carnation) Perpetual or Tree.—Choicest double mixed. Packet 50 cents.

Chinensis (China pink).—A splendid mixture of double flowering varieties. Annual. One foot. Packet 5 cents, ounce 50 cents.

Cinnabarinus.—Hardy alpine perennial, with lustrous scarlet flowers. One foot. Packet 25 cents.

Heddegi (Diadem pink).—Single mixed colors. Biennial. One foot. Packet 5 cts, oz. \$1.50.

Heddegi Eastern Queen.—Crimson-lake. Packet 5 cents, ounce \$1.50.

Heddegi Crimson Belle.—Beautifully marbled. Packet 5 cents, ounce \$1.50.

Heddegi Diadematus fl. pl. Double mixed. Packet 10 cents, ounce \$3.00.

Heddegi Laciniatus.—Double fringed mixed. Packet 5 cents, ounce \$1.50.

DIANTHUS PLUMARIUS (Paisley Pinks).
Turner's strain.

Ivery's Spotted.—Splendid strain. Packet 5 cents, ounce 50 cents.

Splendid mixed.—All colors. Packet 5 cents, ounce 50 cents.

DIOTIS.

Candidissima.—A silvery-foliaged plant, rivaling the "Dusty Miller" for grace and beauty. Excellent for edgings. Half-hardy perennial. One foot. Packet 5 cents, ounce \$1.00.

DEVIL - IN - A - BUSH.

See Nigella.

DOLICHOS.

(Hyacinth Bean.)

Lablab mixed.—A beautiful quick growing climber with blue and white flowers in clusters. Annual. Ten feet. Packet 5 cents, ounce 40 cents.

DRACAENA.

English mixed. Beautiful and graceful plant for the greenhouse or conservatory. Splendid mixture of the best new English sorts. Packet 25 cents.

DIANTHUS CHINENSIS FL. PL. (China Pinks).

DIANTHUS BARBATUS (Sweet William).

ELICHRYSUM (*Eternal Flower*).

Beautiful everlasting flowers; excellent for winter bouquets. Easily grown in ordinary garden soil. *Annuals*. 2 ft.

Single Mixed.—Best varieties.

Pkt. 5c., oz. 50c.

Double Mixed.—Finest Double sorts. Pkt. 5c., oz. 75c.

EUCALYPTUS

(*Blue Gum*).

Globulus.—While young one of the most ornamental plants for sub-tropical gardening, also largely planted in low-lying districts for destroying malaria. It is a fast growing tree, and makes excellent timber. Pkt. 5c., oz. \$1.00.

ELICHRYSUM DOUBLE.

ESCHSCHOLTZIA

(*California Poppy*).

Free-flowering, handsome annuals with bright showy flowers, blooming freely all summer. Excellent for beds, borders, or rockwork. Height, 1 ft.

Californica.—Yellow, white, rose, carmine and mixed. Each, pkt. 5c., oz. 50c.

Crocea.—Orange and striped. Each, pkt. 5c., oz. 40c.

Crocea, fl. pl.—Double yellow and white. Each, pkt. 5c., oz. 75c.

Mandarin.—Rich orange inside; outside brilliant scarlet. Pkt. 5c., oz. 75c.

Tenuifolia.—Yellow; fine leaved. Pkt. 5c., oz. 40c.

Finest mixed.—Pkt. 5c., oz. 50c.

GLOXINIA.

These are most charming plants for the parlor or conservatory, being almost unsurpassed for beauty of flower and richness in coloring. There are few plants that have been so much improved of late years as this. Formerly they had a drooping habit, which detracted considerably from their beauty as compared with the gorgeously-colored, erect, and horizontal-flowered varieties which we now possess. If sown under glass early in spring they will flower the following spring.

New French Hybrids.—Tigered and spotted, extra choice; saved from a most beautiful collection. Pkt. 50c.

Crassifolia.—A magnificent strain of large-flowering, erect and horizontal blooming varieties; extra choice. Pkt. 50c.

GAILLARDIA.

Very showy genus with brilliant flowers produced in great profusion during the summer and autumn.

Lorenziana.—Double mixed colors. A splendid new race. *Annual*. 1½ ft. Pkt. 5c., oz. \$1.00.

Picta.—Single, mixed colors. *Annual*. 1½ ft. Pkt. 5c., oz. 50c.

Grandiflora superba.—A new large-flowering strain, of the perennial gaillardia; great improvement; splendid colors. 1½ ft. Pkt. 5c.

GODETIA (*Satin Flower*).

Lady Satin Rose.—Glossy rose rich and deep; claimed to be the most beautiful annual of recent introduction. Pkt. 15c.

Lady Albemarle.—Brilliant dark crimson. Pkt. 5c., oz. 50c.

The Bride.—White, crimson cen-

GAILLARDIA LORENZIANA. tre. Pkt. 5c., oz. 50c.

FREEZIA REFRACTA ALBA.

FREEZIA.

This lovely South African has taken first rank among popular favorites in an incredibly short space of time. This is not to be wondered at when we consider not only the remarkable beauty and delicate fragrance of its flowers, but the ease with which it can be grown, its rapid increase, and its suitability for cutting. It can be quite easily raised from seed, which, if sown in spring will make bulbs that will flower the following winter.

Refrecta alba.—White; sweet scented. Pkt. 15c.

FUCHSIA.

Hybrida.—Saved from a splendid collection. Pkt. 5c.

HELIANTHUS

(*Sunflower*).

Old favorites, too well-known to need any description. Excellent subjects for distant effects in shrubbery, borders, etc. Of the easiest culture. *Annuals*.

New Miniature.—A magnificent small-flowering single sunflower; splendid for cutting. Pkt. 10c., oz. 75c.

Giant Russian.—Single, very large. 8 ft. Pkt. 5c., oz. 25c.

Henry Wilde.—Single, small flowers. 8 ft. Pkt. 5c., oz. 50c.

GLOXINIA—NEW LARGE-FLOWERED HYBRID.

Californicus, fl. pl.

Double yellow. 7 ft.

Pkt. 5c., oz. 25c.

Globulus Fistulosus, fl. pl.—Globe-shaped, double yellow; the finest double sunflower. 7 ft. Pkt. 5c., oz. 30c.

Globulus Multiflorus.—New variety, very free-flowering, double yellow. 7 ft. Pkt. 5c., oz. 50c.

Nanus, fol. var.—Dwarf, handsome variegated foliage. 4 ft. Pkt. 5c., oz. 50c.

Oculatus Viridis.—Double, with green centre. 7 ft. Pkt. 5c., oz. 30c.

Mixed.—Many kinds. Pkt. 5c., oz. 25c.

GOURDS. (*Ornamental*).

The following varieties of this family are much grown on account of their curious and beautiful fruits and elegant foliage.

Excellent for covering arbors, fences, etc. *Annuals*.

Angora, Bishop's Mitre.

Hercules' Club, Double Bot-

tle, Apple, Pear,

Lemon, Goose-

berry, Nest Egg.

Each, pkt. 5c., oz.

40c Mixed Sorts,

Pkt. 5c., oz. 40c.

NEST EGG GOURD.

ORNAMENTAL GRASS.
BRIZA MAXIMA.
"QUAKING GRASS."

GRASSES (Ornamental).

The following varieties of grasses are very attractive and ornamental in beds and borders, and are largely used for making dried bouquets and for mixing with everlastings for winter decoration. Should be gathered and dried before they are fully matured.

- Agrostis nebulosa*.—Feathery, graceful. Annual. $1\frac{1}{2}$ feet. Packet 5 cents, ounce 75 cents.
Anthoxanthum gracile.—Elegant for edgings. Annual. Six inches. Packet 5 cents, ounce 50 cents.
Arundo conspicua (New Zealand Pampas Grass). Perennial. Eight feet. Packet 10 cents, ounce \$4.00.
Arundo Donax, fol. var.—Beautiful striped foliage. Perennial. Seven feet. Packet 5 cents, ounce 50 cents.
Avena sterilis (Animated Oats).—Drooping spikes. Annual. Three feet. Packet 5 cents, ounce 50 cents.
Briza gracilis (Quaking Grass).—Beautiful. Annual. One foot. Pkt. 5c., oz. 40c.
Briza maximus (Large Quaking Grass). Annual. One foot. Packet 5 cts., oz. 30 cts.
Bromus brizaeformis.—Elegant drooping panicles. Perennial. $1\frac{1}{2}$ feet. Packet 5 cents, ounce 30 cents.
Colix lachryma (Job's Tears).—The seeds of this elegant variety are strung and used as a necklace for children. Annual. $1\frac{1}{2}$ feet. Packet 5 cents, ounce 30 cents.
Eragrostis elegans (Love Grass).—Very graceful. Annual. $1\frac{1}{2}$ feet. Packet 5 cents, ounce 50 cents.
Erianthus Ravenae.—A noble grass resembling the Pampas. Perennial. Seven feet. Packet 5 cents, ounce \$1.00.
Eutalia Japonica.—Magnificent grass from Japan; very stately and unsurpassed for grouping on the lawn. Perennial. Ten feet. Packet 5 cents, ounce \$1.00.
Gynerium Argenteum (Pampas Grass).—A noble grass. Perennial. One foot. Packet 5 cents, ounce \$1.00.

HOLLYHOCK, CHATER'S SUPURB
DOUBLE.

HELIOTROPIUM (Everlasting).

ORNAMENTAL GRASS.
COLIX LACHRYMA.
"JOB'S TEARS."

Hare's Tail Grass.—See Lagurus.
Job's Tears.—See Colix.

Lagurus ovatus (Hare's Tail Grass).—Elegant. Annual. One foot. Packet 5 cents, ounce 50 cents.

Stipa pennata (Feather Grass).—Splendid for bouquets. Perennial. Two feet. Packet 10 cents, ounce \$1.00.
Stipa elegantissima.—Very graceful. Perennial. Two feet. Packet 10 cents, ounce \$1.50.

Mixed Ornamental Grasses. Many kinds. Packet 5 cents, ounce 50 cents.

Collection 12 varieties, 50 cents.

HELIOTROPIUM (Heliotrope).

Finest mixed.—Favorite half-hardy plants for bedding and pot culture, much valued on account of their delicious fragrance. Succeed best in a rich soil. Tender perennial. $1\frac{1}{2}$ feet. Packet 10 cents, ounce \$2.00.

HELIPTERUM (Everlasting).

Excellent everlastings for winter bouquets. Succeed best on light, rich soil. Tender annuals. One foot. White and yellow. Each, packet 5 cents, ounce 75 cts.

HOLLYHOCK.

A well-known favorite; one of the stateliest and handsomest plants we possess. The new prize varieties produced by Mr. Chater have most magnificent spikes of flowers and great variety and delicacy of color. Seed sown in July will flower the following season. Do best in a deep, dry soil, enriched with plenty of manure. Hardy biennial. Height 3 feet.

Double Chater's Prize.—Saved from Mr. Chater's unrivaled collection. Mixed colors. Packet 25 cents, ounce \$5.00. Collection of 6 colors, 70c. Collection of 12 colors, \$1.25.
Double German. Mixed colors. Packet 10 cts., oz. \$1.50.

IBERIS (Candytuft).

Amara.—White. Annual. One foot. Pkt. 5c., oz. 30c.

Coronaria White Rocket.—Free flowering. Annual. One foot. Packet 5 cents, ounce 30 cents.

Coronaria Empress.—New, pure white, long spikes. Annual. One foot. Packet 10 cents, ounce \$2.00.

Coronaria Zingibels.—Very large heads, pure white. Annual. One foot. Pkt. 10c., oz. \$2.

Pectinata.—White, sweet-scented. Annual. One foot. Packet 5 cents, ounce 30 cents.

Umbellata.—Annual. One foot. White, flesh, carmine, lilac, crimson, and mixed. Each, pkt. 5c., oz. 30c.

Nana hybrida.—Dwarf hybrid, compact growing, very charming. Annual. Six inches. Mixed colors. Pkt. 10c., oz. \$2.

Finest mixed.—Annual varieties, splendid mixture. Packet 5 cts., oz. 30 cts.

Gibraltarica hybrida.—Very fine species with white flowers shading off to lilac. Perennial. One foot. Pkt. 20c., oz. \$3.

Prutti.—Pure white, early, dwarf, splendid. Perennial. Six inches. Packet 10 cts., oz. \$3.00.

Sempervirens.—White, very early. Perennial. 1 ft. Pkt. 5c., oz. \$1.

IBERIS CORONARIA (Candytuft) EMPRESS.

ORNAMENTAL GRASS, GYNERIUM ARGENTEUM.
"PAMPAS GRASS."

GARDINER'S "FAIRY" ▲ ▲ ▲ ▲

SWEET PEAS.

Our collection of these beautiful free-flowering annuals is unrivalled. The past few years has seen a marked advance in both size

and color, and we have left no stone unturned to make our collection the most complete in America, brimful of everything new and good, and replete with all the old favorites still worthy of being retained. If you want something rich and rare in the sweet pea line, give us a trial and you will be more than satisfied with results.

GARDINER'S "FAIRY" SWEET PEAS.—A specially selected mixture of new and standard sorts. To those who desire the very choicest mixture of colors this strain will prove very satisfactory. Mixed by ourselves from named sorts, including many of the recent novelties. Pkt. 10c., ¼ lb. 35c., ½ lb. 65c., 1b. \$1.25.

FINE MIXED SWEET PEAS.—The ordinary mixture as received from the German growers. Pkt. 5c., oz. 10c., lb. 75c.

ECKFORD'S NEW MIXED.—A special mixture, imported direct from the celebrated sweet pea raiser, Henry Eckford, of England. Pkt. 15c., oz. 35c.

NAMED VARIETIES.

This list includes the best of Mr. Eckford's recent introductions as well as other *new varieties* of sterling merit.

Those marked with an asterisk (*) are standard sorts; all 5c. pkt.

- *Adonis.
- *Apple Blossom (new), 15c.
- *Black Purple.
- *Black Purple Striped.
- *Butterfly.
- *Captain Clarke.
- *Crown Princess.
- *Cardinal (new), 15c.
- *Countess of Radnor (new), 25c.
- *Captain of the Blues (new), 25c.
- *Dark Red.
- *Delight (new), 25c.
- *Duchess of Edinburgh (new), 15c.
- *Pastry Queen.
- *Grand Blue (new), 15c.
- *Invincible Scarlet.
- *Invincible Scarlet Striped.
- *Invincible Carmine.
- *Imperial Blue (new), 15c.
- *Isa Eckford (new), 15c.

- *Indigo King (new), 15c.
- *Light Blue and Purple.
- *Mrs. Gladstone (new), 25c.
- *Mrs. Sankey (new), 25c.
- *Miss Blanche Ferry (new), 5c.
- *Miss Hunt (new), 25c.
- *Orange Prince (new), 25c.
- *Princess Beatrice.
- *Painted Lady.
- *Princess of Wales (new), 15c.
- *Primrose (new), 25c.
- *Purple Prince (new), 25c.
- *Queen of the Isles (new), 15c.
- *Queen of England (new), 25c.
- *Splendour (new), 15c.
- *The Queen (new), 15c.
- *Vesuvius.
- *Violet Queen.
- *White.

LOBELIA.

Very interesting bedding plants; free-flowering, neat, and beautiful. Largely used for beds, edgings and baskets. Easily grown and flower the first season from seed. Start in heat. *Tender perennials.*

ERINUS (Gracilis).—Blue; best for hanging baskets. 6 in. Pkt. 5c., oz. 75c.

ERINUS COMPACTA OCLATA.—Dark blue, white eye, dark foliage; splendid. Pkt. 10c.

ERINUS CRYSTAL PALACE COMPACTA.—Dark blue. Extra. Pkt. 10c. oz. \$1.50.

ERINUS, EMPEROR WILLIAM.—Light blue, compact; very fine. Pkt. 10c., oz. \$3.00.

IPOMOEA. (CYPRESS VINE.)

Elegant twining plants, with handsome, showy flowers and beautiful foliage. Excellent for covering trellises, arbors, fences, etc. *Annuals.*

QUAMOCUIT (Cypress Vine).—A favorite, well-known, climbing vine, with graceful, airy foliage and handsome flowers. Scarlet and white. Pkt. 5c., oz. 50c.

BONA NOX (Evening Glory).—Large, pale lilac flowers, opening in the evening. Pkt. 5c., oz. 50c.

COCINEA (Star Ipomoea).—Scarlet, free-flowering. Pkt. 5c., oz. 30c.

hederacea SUPERBA.—Ivy-leaved, large, beautiful; mixed colors. Pkt. 5c., oz. 50c.

IPOMOEA.

LOBELIA ERINUS COMPACTA OCLATA.

MESEMBRYANTHEMUM
TRICOLOR.

climbing vines, and is held in the highest estimation by florists for decorations of all kind. Tender perennial, succeeding best in rich soil. Start the seeds in heat. Pkt. 10c., oz. \$2.00.

MESEMBRYANTHEMUM.

Dwarf-growing plants of great beauty, producing their star-like flowers in great profusion the whole summer. Excellent for edgings and rock-work. A light sandy soil suits them best. *Annuals.*

CORDIFOLIUM VARIEGATUM.—Charming dwarf-edging plant, with lovely variegated leaves. Pkt. 15c.

CRYSTALLINUM (Ice Plant).—White, prized for its peculiar glistening foliage. Excellent for garnishing. 6 in. Pkt. 5c., oz. 40c.

TRICOLOR.—Rose, white, and purple, dwarf, very pretty. Succeeds admirably in dry situations. 3 in. Pkt. 5c., oz. 75c.

FINEST MIXED.—The best varieties. Pkt. 5c., oz. 75c.

MAURANDYA.

Evergreen twining plants, excellent for the greenhouse or summer garden. Very effective and ornamental for trellises, their large, handsome flowers being produced in the greatest profusion. They are half-hardy perennials, flowering the first season from seed, and succeed best in fine, friable, well-enriched loam.

BARCLAYANA.—Blue; very popular. Pkt. 10c., oz. \$4.00.

EMERYANA ROSEA.—Rose; splendid. Pkt. 10c., oz. \$4.00.

NICOTIANA AFFINIS.

of golden-yellow color, warty, and when ripe opens, disclosing its seeds and brilliant carmine interior. Planted on rock-work, stumps of trees, etc., and allowed to ramble, the effect is very striking. *Annual.* 10 ft.

BALSAMINA (Balsam Apple).—Pkt. 5c., oz. 50c.

CHARANTIA (Balsam Pear).—Pkt. 5c., oz. 50c.

MUSA (ABYSSINIAN BANANA).

ENSETE.—Magnificent foliage plant, with broad, massive leaves that grow to immense proportions. A superb plant for the lawn, only requiring to be known to become exceedingly popular. Seeds should be started early, and frequently transplanted. Pkt. 25c., 100 seeds \$3.00.

LINARIA (Kentucky, Kenilworth, or Coliseum Ivy).

CYMBALLARIA.—Very handsome trailer for baskets and vases, with neat foliage and small blue flowers. *Perennial.* Pkt. 10c., oz. \$2.50.

LINUM (FLAX).

RUBRUM.—A beautiful annual with dazzling scarlet flowers, delicate stems, and fine foliage; one of the most effective and showy annuals we have. 1 ft. Pkt. 5c., oz. 40c.

MALOPE.

GRANDIFLORA MIXED.—Scarlet and white; large and showy. *Annual.* 4 ft. Pkt. 5c., oz. 40c.

MANDIVILLEA.

SUAVEOLENS.—Splendid climber, with clusters of pure white, deliciously fragrant flowers, suitable either for the greenhouse or summer garden. They require rest during winter. Light, loamy soil. *Perennial.* Pkt. 5c., oz. \$1.00.

MYRSIPHYLLUM (SMILAX).

ASPARAGOIDES.—For grace of foliage and fragrance of flower this plant is unrivalled amongst climbing vines, and is held in the highest estimation by florists for decorations of all kind. Tender perennial, succeeding best in rich soil. Start the seeds in heat. Pkt. 10c., oz. \$2.00.

MIMULUS

(Musk Plant, Monkey Flower).

Magnificent free-flowering, half-hardy perennials, of dwarf habit, and large brilliantly-colored flowers. They succeed best in moist, shady situations, and will bloom the first year from seed.

CARDINALIS PERFECTION.—Deep red; new, very fine. 1 ft. Pkt. 15c.

CUPREUS DUPLEX (Hose-in-Hose).—Double corolla; splendid. Pkt. 10c.

MOSCHATUS (Musk Plant).—Yellow. 1½ ft. Pkt. 10c., oz. \$3.50.

ROEHLII.—Golden yellow; very dwarf; charming. Pkt. 15c.

TIGRINUS GRANDIFLORUS.—Very large-flowering tigered and spotted varieties; new; splendid. Pkt. 10c., oz. \$4.00.

MIMOSA

(SENSITIVE PLANT).

PUDICA.—Pinkish-white. A very interesting and curious plant; its leaves closing if touched or shaken. *Annual.* 1 ft. Pkt. 5c., oz. 75c.

MIRABILIS

(FOUR-O'CLOCKS).

The flowers open in the afternoon and are in consequence called "Four-o'clocks." *Perennials.*

JALAPA MIXED.—Finest colors. 2 ft. Pkt. 5c., oz. 30c.

JALAPA MIXED, fol. var.—Varieties with variegated foliage. Pkt. 5c., oz. 30c.

JALAPA TOM THUMB WHITE.—New, excellent for edgings. 9 in. Pkt. 5c., oz. 50c.

OXALIS.

OXALIS ROSEA.

Splendid half-hardy perennials flowering the first season from seed. Excellent subjects either for edgings, rock-work, or for pots, baskets or vases in the parlor or conservatory. They are of easy culture, thriving best in light, rich soil in warm, dry situations.

ROSEA.—Rose, crenated; erect stems. 6 in. Pkt. 10c., oz. \$2.50.

ROSEA ALBA.—White, very pretty. Pkt. 10c., oz. \$2.50.

ROSEA DELICATA.—New; a very fine variety. Pkt. 10c., oz. \$2.50.

GENOTHERA
TARAXACIFOLIA.

TROPAEOLIDES.—Yellow, purple foliage a splendid plant for edgings. Pkt. 5c., oz. \$1.50.

GENOTHERA

(EVENING PRIMROSE.)

Charming hardy plants, with large, showy flowers; old favorites in the flower garden, but lately somewhat neglected. They deserve to be more widely grown. The flowers open in the evening, in that sudden and curious manner so well described by Keats as "the leap of buds into ripe flowers," hence the name "Evening Primrose."

ACAULIS.—White, shaded, large; flowers all summer. 6 in. Pkt. 5c., oz. \$1.50.

BISTORTA VEITCHIANA.—Yellow, spotted with blood-red; low spreading habit. *Annual.* Pkt. 5c., oz. 50c.

MACRANTHA.—Large golden-yellow; fine. *Annual.* Pkt. 5c., oz. 50c.

MUSA ENSETE
(Abyssinian Banana).

POPPIES (PAPAVER).

Brilliant showy plants of the easiest culture. Sow where the plants are to remain.

ANNUAL VARIETIES.

DOUBLE MIXED.—A choice mixture of the Carnation, Ranunculus and Paeony flowered forms; many colors. Pkt. 5c., oz. 30c.

SINGLE MIXED.—Single forms in great variety; many colors. Pkt. 5c., oz. 30c.

SHIRLEY POPPIES (new).—A new and improved race of single Poppies, comprising many charming colors and possessing a graceful habit; free blooming and easily grown. Pkt. 10c.

PEACOCK POPPY (P. pavoninum).—Single scarlet with black blotch at base of each petal. 1 ft. Pkt. 10c.

VICTORIA CROSS POPPY.—Single rich vermillion with a white spot at base of petals. 1½ ft. Pkt. 10c.

UMBROSUM.—Single vermillion and black shaded with ash gray. Pkt. 10c.

MEPHISTO.—Single scarlet with large black spots. Pkt. 5c., oz. 75c.

DANISH FLAG POPPY.—Scarlet with white wedge on petals. Pkt. 5c., oz. 50c.

MIKADO.—Double scarlet and white, curled like a Japanese Chrysanthemum; beautiful. Pkt. 10c.

PERSIAN (P. laevigatum, new).—Rich scarlet and black, with white curves at base of petals; single. 2 ft. Pkt. 10c.

DOUBLE POPPY.

PERSIAN POPPY (Papaver laevigatum).

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PERENNIAL VARIETIES.

ORIENTAL POPPY.—Dark scarlet with purple spot at base of each petal; large and showy; flowers single, 6 in. diameter. Pkt. 5c., oz. \$1.00. *Var bracteatum*; grows about 1 foot taller, has more finely divided foliage and red flowers. Pkt. 5c., oz. \$1.00.

ICELAND POPPIES (P. nudicaule). This free-flowering, fragrant and beautiful class of Poppies ought to be more largely grown. Although hardy perennials they will flower first season from seed and will last for several years. Excellent for cutting. Bright yellow; vivid scarlet; pure white; each, pkt. 25c. Mixed colors, pkt. 15c.

CELANDINE OR ALPINE POPPIES (P. alpinum).—A charming species resembling *P. nudicaule*, but dwarfer. White, orange-scarlet and yellow mixed. Pkt. 15c.

CROCEUM.—Orange-yellow; petals purplish; very pretty. 1 ft. Pkt. 5c.

PAPAVER UMBROSUM.

PAPAVER DANISH FLAG.

PETUNIAS.

Showy and popular plants for the summer garden and growing in pots. They are easily raised from seeds, and continue a mass of bloom the whole season. The seeds are very delicate, and should be sown in March in pans of finely-sifted soil, and placed in gentle heat. So soon as large enough, carefully prick out into other pans or pots. Afterwards, when a little larger, pot off singly. Pinch back the shoots to induce shrubby growth. Those intended for the summer garden should be gradually inured to the open air, and planted out about the end of May. The best soil is a compost made up of two parts loam and one part well-rotted manure. Water freely during the summer. *Annuals.*

PETUNIA, CHOICE LARGE-FLOWERING, SINGLE AND DOUBLE.

SINGLE, EXTRA-FINE MIXED.—Beautiful striped and blotched varieties. Packet 5 cents, ounce \$1.50.

SINGLE LARGE-FLOWERED, EXTRA MIXED.—Very superior strain. Packet 25 cents.

SINGLE LARGE-FLOWERED, FRINGED.—Superb mixed. Packet 25 cents.

DOUBLE EXTRA CHOICE.—Large, double-variegated flowers. Packet 50 cents.

DOUBLE EXTRA CHOICE, FRINGED.—Charming fringed flowers; beautiful. Packet 50 cents.

COLLECTIONS.—Collection twelve choice single varieties, \$1.00. Collection twelve choice double varieties, \$1.25. Collection six choice double varieties, 75 cents.

PHLOX.

DRUMMONDI.

These flowers are of extreme beauty, and are greatly admired by all; their long duration in bloom, combined with their almost unequalled richness of color, renders them of invaluable service in the general flower garden, and a finer sight than a bed of Phlox Drummondii is rarely to be seen. For early flowering sow in a hot-bed and transplant when the weather is warm; for later flowering sow in the open ground. Set the plants a foot apart. *Annuals.*

EXTRA MIXED. Choice colors. Pkt. 5 cts., ounce 75 cts.

GRANDIFLORA, MIXED.—Extra large-flowered varieties. Pkt. 10c., oz., \$1.25.

NANA SNOWBALL. Dwarf; pure white; large-flowering. Pkt. 10 cents, ounce \$4.00.

NANA FIREBALL. Dwarf; brilliant scarlet; large-flowering. Packet 10 cts., oz. \$4.

NANA, EXTRA MIXED.—Choice colors; dwarf varieties. Pkt. 10c., oz. \$3.50.

COLLECTIONS. Twelve large-flowering varieties, 75 cents; collection six large-flowering varieties, 40 cents.

PHLOX DRUMMONDI GRANDIFLORA.

PHLOX.

(*Herbaceous.*)

Decussata.—The perennial phloxes are popular, hardy border plants with large heads of showy flowers of various colors. They succeed well in ordinary garden soil. Our strain of seed is saved from a collection of the newest and choicest sorts. Pkt. 10 cents, ounce \$2.50.

PICOTEE.—See Dianthus caryophyllus.

PINKS.—See Dianthus plumarius.

PHASEOLUS

(*Bean.*)

Carnicella (*Climbing Snail Flower*).—A beautiful climber valued for its delicious fragrance and showy orchid-like flowers. Excellent for the greenhouse or summer garden. The flowers are purple; very large; the vexillum and carina spirally twisted. Succeeds in light, rich loam. Packet 10 cents, ounce \$2.00.

Multiflorus (*Scarlet Runner*).—Very ornamental on account of its bright scarlet flowers; also a good string bean (for culture see POLE BEANS). Packet 10 cts., pint 25 cents, quart 45 cents.

Multiflorus alba. A white variety of the preceding; planted together the effect is excellent. Packet 10 cents, pint 25 cents, quart 45 cents.

PORTULACA.

For brilliant, beautiful, and delicate colors, this charming genus stands unrivalled, and whether in baskets, small beds, edgings, or rock-work, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeeds best in light, gravelly soils, or mixed with lime rubbish. It will stand almost any amount of heat, and revels in our hot, dry climate. *Annual.*

Double extra mixed.—Choice colors. Packet 10 cents, ounce \$3.00. **Collection.**—Six double varieties, 50 cents.

Single extra mixed.—Choice colors. Packet 5 cts., ounce 75 cts.

Collection.—Eight single varieties, 40 cents.

POTENTILLA.

Handsome herbaceous plants, exceedingly ornamental in mixed flower borders, lasting a long time in bloom.

Double.—Choice varieties, mixed. One foot. Packet 15 cents.

Single.—Finest mixed, 1½ feet. Packet 5 cents, ounce 50 cents.

PRIMULA SINENSIS.

(Chinese Primula).

Gardiner's Superb Strains.

The following are saved for us by the most celebrated growers in Europe, and are the finest the world affords in their respective classes. They are of large size, rich in color, and of great substance. The Chinese Primula has long been a favorite florist's flower, and it was never seen in greater perfection than now; the specialists in this plant having produced some very rare and valuable varieties within the past few years. They are as indispensable for cutting and conservatory decoration as the *Cyclamens* and *Cinerarias*, and are also excellent for early summer flowering in the garden if placed in some shady corner. Sow either in February or August, in boxes of light rich soil, covering these seeds lightly with a little damp moss. Let them stand in a cool moist place for four or five weeks, then place in frame with bottom heat. When the plants put on two leaves, transplant into pots, and repeat this operation as the plants grow larger. *Tender Perennials.*

Sinensis, choice mixed.—Extra choice. Packet 50 cents.

Sinensis, fine mixed.—Pkt. 25 cents.

Sinensis Fimbriata, choicest mixed.—Beautifully fringed. Packet 50 cents.

Sinensis Fimbriata, fern-leaved, choicest mixed.—Varieties with finely cut foliage and fringed flowers, extra. Packet 50 cts.

Sinensis Fimbriata, fl. pl., choicest mixed.—Finest, double-fringed flowers, extra. Pkt. 50 cts.

PRIMULA.

The following varieties are harder than the Chinese Primula, some of them being able to stand our winters with very little protection. This is notably the case with the *Polyanthus* and English primroses, and *Auriculas*. An inverted sod, or a flower-pot inverted and filled with hay or leaves, makes an excellent protection for their fleshy roots during winter. As pot-plants they are admirable, and we strongly recommend them for parlor or conservatory decoration during winter and spring. The *Primula Obconica*, described at another page, is one of the greatest acquisitions of recent years for this purpose. We know of nothing that has taken its place so quickly in popular estimation as this, unless it be the *Freezia*. And it is a peculiar coincidence that the fragrance of these two plants, so widely different in all other respects, is almost identical.

Primula Japonica (Japan Primrose).—Most beautiful; flowers one inch in diameter, on scapes one to two feet high, bearing five to six many flowered whorls; colors, crimson, maroon, rosy-pink, lilac, white; all with white eye. *Choicest mixed.* Packet 25 cents.

Primula Luteola.—Sulphur-yellow, deeper at the throat; in compact heads; handsome species. Packet 25 cents.

Primula Obconica.—See Novelties.

Primula Farinosa.—Light purple, yellow eye, borne in compact umbels; a little gem. Pkt. 25 cents.

Primula Floribunda.—Pretty Himalayan Primrose, yellow, disposed in whorls on erect scapes. Packet 25 cents.

Primula Cashmeriana.—Rich violet-purple; borne in globular umbels; the stems and foliage covered with golden dust. Pkt. 25 cts.

Primula Cortusoides.—Rose; in umbels; dwarf; a most charming variety. Packet 25 cents.

Primula Rosa.—Bright rosy-carmine with yellow eye; one inch diameter; disposed in heads of six to ten blossoms; very neat, compact habit. Packet 25 cents.

Primula Sikkimensis.—Pale yellow, one inch long and half an inch across; disposed in drooping form in umbels of from forty to sixty blossoms; very handsome free-flowering species. Pkt. 25 cts.

Primula Stuartii.—Rich golden-yellow; handsome; vigorous grower. Packet 25 cents.

Primrose, Dean's Hardy High-Colored Hybrids.—Very beautiful strain; awarded first-class certificate R. H. S. Packet 25 cents.

Primrose, English.—Yellow. Packet 15 cents.

Polyanthus Gold-Laced.—Saved by an amateur, who has one of the finest collections in England. Packet 25 cents.

Primula Auricula Alpine.—Various colors. Six inches. Packet 10 cents.

Primula Auricula English Hybrids.—Green-edged, etc.; saved from prize flowers; six inches. Packet 25 cents.

PYRETHRUM.

Aureum (Golden Feather).—Golden foliage, unsurpassed for ribboning; "a ray of sunshine" when used as edging for beds of dark-foliated plants. Start the seeds in heat early in spring to have them large enough to set out by the end of May. Pkt. 5 cents, ounce \$1.25.

Aureum Golden Gem.—A variety of preceding, very fine. Packet 5 cents, ounce \$1.25.

Aureum Selaginoides.—Another variety of Golden Feather, with beautifully cut foliage; very fine. Pkt. 10c., oz. \$3.00.

Hybridum, fl. pl., mixed.—Handsome hardy perennial plants, with beautiful double flowers, resembling a *Chrysanthemum*. Two feet. Pkt. 25 cents.

POLYANTHUS.—See Primula.

POLEMONIUM (Jacob's Ladder).

Coeruleum.—Fine hardy herbaceous perennial, with large heads of blue flowers. Excellent for mixed flower borders. Succeeds best in rather rich, moist soil. One foot. Packet 5 cents, ounce 30 cents.

POPPY.—See Papaver.

RHODANTHE (Everlasting).

A well-known Everlasting; valuable for the decoration of the conservatory and flower-garden; fine for bedding or ribboning. *Half-hardy annual.* One foot.

Maculata.—Rosy-purple; crimson centre. Packet 5 cents, ounce \$1.50.

Maculata Alba.—White. Packet 5 cents, ounce \$1.50.

Manglei.—Pink; beautiful. Pkt 5 cents, ounce \$1.00.

PRIMULA SINENSIS.
(Chinese Primula).

PRIMULA
(English Primrose).

PRIMULA AURICULA.

PYRETHRUM AUREUM "GOLDEN FEATHER."

RESEDA (Mignonette).

A well-known fragrant favorite, which produces a pleasing contrast to the more showy occupants of the parterre. If well thinned out immediately the plants are large enough, they will grow stronger, and produce larger spikes of bloom. Excellent for pot culture, and for cutting. *Annual.*

Grandiflora.—Sweet, large flowered. Packet 5 cents, ounce 15 cents.

Golden Queen.—Golden; fragrant; new and fine. Packet 10 cents, ounce 75 cents.

Gabriele.—Red, large spikes, fragrant; a fine new variety. Packet 10 cts., ounce 60 cts.

Giant White Spiral.—A fine new variety, entirely distinct from other sorts; flowers pure white, in spikes ten inches long; foliage beautifully cut. Packet 10 cents, ounce \$1.00.

Birds Mammoth.—Very robust habit and long flower spikes; new and distinct. Packet 10 cents, ounce \$1.00.

Giant Pyramidal.—Large, bright red, fragrant. Packet 5 cents, ounce 40 cents.

Machet.—New, the best for pot culture; long spikes; very sweet. Packet 10 cents, ounce \$1.

Miles' Spiral.—Free-flowering, splendid long spikes; fragrant. Packet 5 cts., ounce 40 cts.

Victoria.—Dark red; fragrant. Packet 5 cts., ounce 60 cts.

Parson's White.—White; very large and distinct. Pkt. 5 cents, ounce 40 cents.

RICINUS (Castor Oil Bean).

A magnificent and highly ornamental genus; the picturesque foliage and stately growth, combined with brilliant-colored fruit of the giant varieties, impart to select plantations, shrubberies, and mixed flower borders quite an oriental aspect. Grown as single

RICINUS.

specimens on lawns and pleasure-grounds, they form a striking feature. Plant the seeds as soon as the ground is warm in spring. *Annual.*

Borboniensis Aboreus.—Large; dark green foliage. Packet 5 cents, ounce 30 cents.

Cambodgensis.—See novelties.

Coeruleus.—Bluish-green foliage and fruit. Ten feet. Packet 5 cents, ounce 30 cents.

Guyanensis Nanus.—Dwarf, with rose-colored fruits. Four feet. Packet 5 cents, ounce 30 cents.

Philippensis.—Large dark foliage. Ten feet. Packet 5 cents, ounce 30 cents.

Sanguineus.—Blood-red foliage and fruit. Seven feet. Packet 5 cents, ounce 30 cents.

Mixed.—Many fine varieties. Packet 5 cents, ounce 30 cents.

ROCKET, SWEET.

See Hesperis.

RIVINA (Rouge Plant).

Humilis.—Ornamental evergreen green-house shrub, with racemes of small, bright scarlet berries; very beautiful and excellent for pot culture; succeeds best in a mixture of leaf-mould and sand. *Tender annual.* Packet 10 cents.

SABBATIA.

Campestris.—Rose; a charming annual; very ornamental and desirable for flower borders. One foot. Pkt. 10c.

Ornamental and useful plants for autumn decoration; their curiously penciled and marbled funnel-shaped flowers produce a fine effect in beds, borders, edgings, and ribbons. Sow under glass, and transplant into the open ground as early as weather will permit. May also be sown about the end of May for later-flowering annuals. Two feet.

Variabilis grandiflora.—Large-flowering; finest mixed colors. Packet 10 cts., ounce \$2.00.

SEDUM (Stoncrop).

Neat, attractive little plants, growing freely in baskets, vases, or rock-work; free-flowering and easily grown.

Coeruleum.—Blue; very pretty. *Annual.* Three inches. Packet 10 cents, ounce \$3.00.

Mixed.—Annual and perennial varieties. Packet 5 cents, ounce \$1.00.

SENECIO (Jacobaea).

A useful and exceedingly showy class of gay-colored, profuse-blooming plants of easy culture; splendid for rock-work or beds.

Flue mixed.—Double varieties. *Annual.* Two feet. Packet 5 cents, ounce \$1.00.

Dwarf mixed.—A beautiful dwarf race, with great variety of colors. *Annual.* One foot. Packet 5 cents, ounce \$1.00.

Speciosa.—Purple; a handsome perennial species, blooming the first season from seed; splendid. Two feet. Packet 25 cents, ounce \$5.00.

STEVIA.

Splendid free-blooming perennials, extensively used by florists for cut flowers. Splendid for pot or border culture. *Tender perennials.*

Eupatoria.—White. Packet 5 cents, ounce \$1.50.

RESEDA (Mignonette).
NEW WHITE SPIRAL. STEVIA
SERRATA

Lindleyana.—Reddish-white. Packet 5 cents, ounce \$1.50.

Purpurea.—Purple. Packet 5 cents, ounce \$1.50.

Serrata.—White; splendid for cutting. Pkt. 5c., oz. \$1.50.

SALVIA.

Magnificent bedding-plants, loaded with spikes of brilliant flowers, from July till October. Start in a hot-bed and transplant. Succeed best in light, rich soil. *Half-hardy annual.*

Argentea.—Silvery foliage and white flowers. Three feet. Packet 5 cents, ounce 75 cents.

Carduacea.—Woolly thistle-like leaves and light blue flowers; very fine. 2½ feet. Packet 5 cents, ounce 75 cents.

Coccinea hybrida.—Intense scarlet. Two feet. Packet 5 cents, ounce \$1.00.

Farinacea.—Bright, light blue flowers, from July to October. Three feet. Packet 5 cents, ounce \$1.25.

Patens.—Beautiful deep blue; a most charming species. Two feet. Packet 20 cents.

Splendens.—One of the most popular fall-blooming plants in cultivation, producing long spikes of beautiful scarlet flowers; very ornamental. Three feet. Packet 10 cents, ounce \$3.00.

Scarl.—earlier and more compact than preceding. Packet 15 cents.

SENECIO.

STOCK-GILLIFLOWER. ▲ ▲ ▲ ▲

The Ten-Week Stock or "Gilliflower," as it is called, is an object of universal admiration wherever seen in perfection. The new improved large-flowering strain is remarkable for profusion and duration of bloom and spicy fragrance, as well as for size, brilliancy and diversity in color.

TEN-WEEK STOCK. IMPROVED DOUBLE LARGE-FLOWERING.

Pkt.	oz.	Pkt.	oz.
Double White,	10 \$4.00	Double Fine Mixed,	5 \$2.00
Double Yellow,	10 4.00	Wall flower-leaved,	10 4.00
Double Bright Rose,	10 4.00	" " " " "Crimson,	10 4.00
Double Crimson,	10 4.00	" " " " "Dk. Blue,	10 4.00
Double Bright Red,	10 4.00	" " " " "Yellow,	10 4.00
Double Finest Mixed,	10 4.00		

New Giant Perfection.—Finest pot seed; mixed colors. Pkt. 10c., oz. \$4.00.

BIENNIAL STOCK.

Earliest Autumn Flowering.—Finest pot seed; mixed colors. Pkt. 10c.
Emperor or Perpetual.—Finest mixed colors. Pkt. 10c.
Brompton or Winter.—Finest mixed colors. Pkt. 10c.
Hardy's all the year Double White.—Finest pot seed. Pkt. 10c.

SCABIOSA (Mourning Bride).

A splendid class of annuals for beds or borders; very showy, rich colors; excellent for cutting. Easily grown in ordinary garden soil. We cannot recommend this genus too highly. Exceedingly handsome.

Grandiflora fl. pl. New; double large-flowering; choicest colors mixed. 3 ft. Pkt. 5c., oz. 75c. Collection of 6 varieties, 30c.

Nana fl. pl.—Dwarf large-flowering varieties; choicest colors mixed. 1 ft. Pkt. 5c., oz. 50c. Collection of 6 varieties, 30c.

Candidissima fl. pl.—Double pure white; splendid for bouquets. Pkt. 5c., oz. 50c.

SILENE

(Catchfly).

Ornamental, free-flowering plants, with bright and beautifully colored flowers. Will succeed well in almost any soil. Annuals.

Armeria (Catchfly).—Finest mixed. 2 ft. Pkt. 5c., oz. 40c.

Pendula Compacta.—Dwarf; pink and white. 6 ins. Pkt. 5c., oz. 50c.

Pendula Compacta, fl. pl.—Dwarf. 6 ins. Pink and white. Pkt. 5c., oz. 50c.

SALPIGLOSSIS

("Painted Tube Tongue")

A beautiful annual with funnel-shaped flowers, curiously marbled and pencilled. The improved large-flowering varieties are very striking. Half hardy. Large-flowering, many colors mixed. Pkt. 10c.

TROPÆOLUM LOBBIANUM.

TROPÆOLUM TOM THUMB (Dwarf Nasturtium) LADY BIRD.

STOCK LARGE-FLOWERING.
GERMAN TEN-WEEK.

DWARF NASTURTIUM (Tropæolum nanum).

Beauty.—Yellow and scarlet.

Scarlet.

Dark Crimson.

Peach.

Empress of India.—Crimson. Oz. 40c.

Golden Yellow.

King of Tom Thumbs.—Scarlet.

King Theodore.—Maroon. Oz. 35c.

Lady Bird.—Yellow and crimson. Oz. 75c.

Yellow.

Pearl.

Rose.

Scarlet Striped.

Spotted.

Crystal Palace Gem.—Sulphur, mauve spots.

Ruby King.—Oz. 40c.

FINEST MIXED.

All 5c. pkt., 25c. oz., except where noted.

CLIMBING NASTURTIUM

(Tropæolum majus).

Crimson.
Orange Red.
Chocolate.
Black.

Purple-Violet.
Scarlet Striped.
Scarlet.
Brownish-lilac.

Orange.
Yellow.
Straw Color.
Finest Mixed.

All 5c. pkt., 15c. oz.

LOBB'S CLIMBING NASTURTIUM

(Tropæolum Lobbianum).

Although smaller in flower and foliage than the tall nasturtium, this race is much superior both in brilliancy of color and profusion of bloom.

Cardinal.—Oz. \$1.00.

Carmine.—Oz. 50c.

Golden Yellow.—Striped carmine.

Black.

Dark Scarlet. Oz. \$1.00.

Brilliant Scarlet.—Oz. 50c.

Finest Mixed.—Oz. 40c.

All 10c. pkt., 60c. oz., except where noted.

FRENCH MARIGOLD (*Tagetes*).

TAGETES (MARIGOLD).

Well-known, free-flowering plants, with handsome double flowers, of rich and beautiful colors. The African is the most striking in large beds or mixed borders. The dwarf varieties are also excellent as pot plants for winter blooming. Succeed well in ordinary garden soil. *Annuals*.

AFRICAN TALL ORANGE.—Large double, orange-colored. Pkt. 5c., oz. 40c.

AFRICAN TALL LEMON.—Large double, lemon-colored. Pkt. 5c., oz. 40c.

AFRICAN TALL QUILLED.—Orange and Lemon; quilled varieties of preceding. Each, pkt. 5c., oz. 50c.

AFRICAN EL DORADO.—Large flowers, finely imbricated and perfectly double; shading from primrose to deep orange. Pkt. 10c.

AFRICAN MIXED.—Finest double varieties. Pkt. 5c., oz. 40c.

FRENCH TALL DOUBLE.—Finest double varieties; mixed. 2 ft. Pkt. 5c., oz. 50c.

FRENCH DWARF DOUBLE.—Finest double varieties; mixed. 1 ft. Pkt. 5c., oz. 50c.

FRENCH DWARF STRIPED.—Orange, with velvet stripes; very fine. Pkt. 5c., oz. 75c.

VALERIANA (VALERIAN).

FINE MIXED.—Showy, easily grown plants, with long, handsome spikes of fragrant, beautiful flowers; excellent for cutting and for borders. *Hardy perennials*. Pkt. 5c., oz. 50c.

AFRICAN MARIGOLD (*Tagetes*).

THUNBERGIA

(BLACK-EYED SUSAN).

A genus of slender and rapid-growing climbers, with extremely pretty and much admired flowers, which are freely produced. Succeed best in light, rich soil in warm situations. *Half-hardy annuals*. 5 ft.

ALATA.—Buff, with dark eye. Pkt. 5c., oz. \$1.00.

ALATA ALBA.—White, with dark eye. Pkt. 5c., oz. \$1.00.

FINEST MIXED.—Pkt. 5c., oz. 75c.

TOKENIA.

Beautiful free-blooming trailing plants; excellent subjects for pot culture in the conservatory, and also succeed well in moist, shady spots in the summer garden. Unsurpassed for baskets and vases. Light, rich loam. *Tender perennials*.

BAILLONI.—Yellow, with brownish-red throat. Pkt. 10c.

FOURNIERI GRANDIFLORA.—New large-flowered variety. Pkt. 15c.

WHITE WINGS.

A pure white variety of the preceding. Very fine. Pkt. 25c.

BLACK-EYED SUSAN (*Thunbergia*).

TOKENIA WHITE WINGS.

VENEDIUM.

CALENDULACEUM.—Single, golden-yellow, daisy-like flowers. A handsome, low-growing annual, blooming freely until frost. 6 ins. Pkt. 5c., oz. 75c.

VERONICA.

Showy plants for pot culture, rock-work or the open border; they require but little attention, as they grow with the greatest facility, and are readily increased by partition of the roots.

ANNUAL VARIETIES, FINEST MIXED.—6 in. Pkt. 5c., oz. \$1.00.

PERENNIAL VARIETIES, FINEST MIXED.—2 ft. Pkt. 5c., oz. \$1.00.

REPENS.—White, fine dwarf variety; perfectly hardy. Pkt. 10c.

VINCA (PERIWINKLE).

A class of very pretty, free-flowering perennials, with shining green foliage and beautiful flowers. May be set out in the garden in a warm situation during the summer and autumn months. Pot and take in-doors before frost. *Tender perennials*. 2 ft.

ROSEA.—Fine rose. Pkt. 10c., oz. \$1.50.

ROSEA ALBA.—White, with rosy eye. Pkt. 10c., oz. \$1.50.

ROSEA ALBA PURA.—Pure white. Pkt. 10c., oz. \$1.50.

MIXED.—The above sorts. Pkt. 10c., oz. \$1.50.

VINCA ROSEA.

VIOLA TRI-COLOR

("Pansy" "Heartsease").

NEW LARGE FLOWERING SORTS.

CASSIER'S SUPERB GIANT.—A splendid strain rivaling the Bugnot in size and brilliancy, blotched both on the upper and lower petals; wonderfully marked and shaded after the style of the finest types of Fancy Pelargoniums. Pkt. 25c.

ROEMER'S GIANT.—Attractive strain of very robust and free-flowering habit; blooms large and richly colored. Pkt. 25c.

NEW ODIER OR PRIZE BLOTCHED.—A magnificent strain of fine varieties, producing large, handsome flowers of great substance and variety of coloring, the petals of which are beautifully blotched. Pkt. 25c.

TRIMARDEAU GIANT.—An entirely distinct and beautiful race, producing flowers of very large size. The blooms, which are of the richest and most varied shades of color, are thrown well above the foliage. Each one is marked with three large blotches. Pkt. 25c.

SUPERB ENGLISH FANCY.—This we believe to be the finest strain of English Fancy in cultivation, saved from the finest named and seedling sorts. Pkt. 25c.

SUPERB ENGLISH SHOW.—A very pure strain, which has been saved by the same grower from the most choice varieties, with equally as much care as the Fancy, and may be relied upon to produce quite as satisfactory results, and in a great variety in character and color of flowers. Pkt. 25c.

SCOTCH FANCY.—Saved specially for our trade by one of the most successful growers in Scotland. Pkt. 25c.

BELGIAN BLOTCHED.—Very choice. Pkt. 25c.

BUGNOT'S FRENCH.—New French strain, of fine, robust growth; great variety of colors; the flowers are of great substance and borne well above the foliage. Pkt. 25c.

FRENCH STAINED.—Superb strain; very large, finely-formed flowers; beautiful colors. Pkt. 25c.

GARDINER'S INTERNATIONAL PRIZE.

MIXED.—Special mixture prepared by ourselves from above sorts. We think this well deserves the title "International," representing, as it does, the highest perfection attained by the best growers of this favorite flower. Pkt. 25c.

GIANT FRENCH,

STANDARD SORTS

Striped and Mottled.—Variegated; very showy. Pkt. 5c., oz. \$2.00.

Atropurpurea.—Dark purple shades. Pkt. 5c., oz. \$1.75.

Atropurpurea albo-marginata.—New; silver-edged; charming. Pkt. 5c., oz. \$1.75.

Azure-blue.—Very fine. Pkt. 5c., oz. \$1.50.

Black-blue.—Very dark; constant. Pkt. 5c., oz. \$2.00.

Bronze.—Charming color. Pkt. 10c., oz. \$2.75.

Candidissima (Snow Queen).—Delicate, satiny white. Pkt. 5c., oz. \$2.00.

Emperor William.—Ultramarine-blue; purple eye; splendid. Pkt. 5c., oz. \$2.00.

King of the Blacks (Faust).—Black; extra fine. Pkt. 5c., oz. \$1.75.

Fawn.—Beautiful fawn color. Pkt. 5c., oz. \$2.00.

Gold-margined.—Splendid; very showy. Pkt. 5c., oz. \$1.75.

Havanna-brown.—New shades; charming. Pkt. 5c., oz. \$1.75.

Light-blue.—Sky-blue; a lovely shade. Pkt. 5c., oz. \$1.75.

Mahogany.—Peculiar shade; extra. Pkt. 10c., oz. \$2.50.

White-margined.—Violet, margined with white; extra. Pkt. 5c., oz. \$1.75.

White.—Pure white, with black centre; very striking. Pkt. 5c., oz. \$1.75.

Yellow.—Pure yellow, with black centre; very showy. Pkt. 5c., oz. \$1.75.

Yellow Gem.—Pure yellow; beautiful. Pkt. 5c., oz. \$1.75.

Extra choice mixed.—Very handsome, large flowering sorts. Pkt. 10c., oz. \$3.00.

Fine mixed.—Very good quality. Pkt. 5c., oz. \$1.50.

SOWING THE SEED.

Pansy seeds may be started in heat about February or March. If no green-house is convenient a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out of doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest Pansies possible to grow. Seeds sown in a cool place in June, or later, and kept well watered, will produce fall flowering plants. Sow also in September for winter flowering.

TRIMARDEAU

BUGNOT
GIANT.

•• VERBENA •••••

One of the most effective bedding plants; unrivalled in the splendor of its dazzling brilliancy of flower. Plants grown from seeds are fragrant, and also thrifty growers and free bloomers.

WHITE HYBRIDS, pkt. 10
 BLUE HYBRIDS, " 10
 YELLOW HYBRIDS, " 10
 AURICULA-FLOWERED HYBRIDS, " 10
 HYBRIDS, FINE MIXED, " 10
 NEW MAMMOTH HYBRIDS, pkt. 15.

SCARLET HYBRIDS, pkt. 10
 STRIPED HYBRIDS, " 10
 DEFIANCE SCARLET, " 10
 GOLDEN-LEAVED SCARLET, " 15
 HYBRIDS, EXTRA FINE MIXED, " 5

VERBENA MONTANA.—A perfect gem. The plant literally covers itself, during summer, with its bright, rose-colored flowers. *Hardy Annual.* Pkt. 5c., oz. 75c. ★ ★ ★ ★

VERBENA SEEDS sown in the open ground in May will flower in August, but if raised in a hot-bed in March or April they will show flowers in June or July. ★ ★ ★

NEW MAMMOTH VERBENA.

WALLFLOWER.

This deliciously fragrant flower is invaluable for beds, borders, and bouquets. The conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive. *Half-hardy perennials.*

Finest Double.—German mixed. 2 ft. Pkt. 10c., oz. \$4.00.
 Single Mixed.—Pkt. 5c., oz. 40c.

WHITLAVIA.

Mixed.—Very showy, free-flowering annuals, of dwarf habit and covered all summer with pretty bell-shaped flowers. Common garden soil. *Hardy annuals.* 1 ft. Pkt. 5c., oz. 40c.

XERANTHEMUM (Everlasting).

A beautiful genus of Everlasting flowers, with bright, showy flowers, which are unsurpassed for winter bouquets. Should be cut before they are fully expanded. Of easy cultivation in ordinary garden loam. *Hardy annuals.* 1½ ft.

Double White.—Pkt. 5c., oz. \$1.00.
 Double Purple.—Pkt. 5c., oz. \$1.00.
 Double Pompon, White.—Pompon-flowered, extra. Pkt. 5c., oz. \$1.00.
 Double Pompon, Purple.—Pompon-flowered, extra. Pkt. 5c., oz. \$1.00.

ZINNIA ELEGANS. CHOICE DOUBLE, LARGE-FLOWERED.

ZINNIA.

The large double-flowering Zinnia ranks high in public estimation as a showy, free-flowering, easily grown plant for the summer garden. The finer strains of the large-flowering sorts are really magnificent, the plants being covered from July till frost with a profusion of the handsomest blossoms, in all shades from pure white to dark crimson. To have them flower early, seed should be started in heat and afterwards transplanted to the open ground. *Hardy annual.*

Elegans Choice Double.—White, scarlet, and mixed. Each, pkt. 5c., oz. \$1.00. Collection six colors, 30c. | Elegans Choicest Double Dwarf.—White, yellow, scarlet and mixed. Each, pkt. 5c., oz. \$1.50. Collection, six colors, 30c.

▲ ▲ ▲ FLOWER SEEDS. ▲ ▲ ▲

CONDENSED LIST OF STANDARD SORTS.

(SEE ALSO PAGES 41 TO 70.)

BRACHYCOME (*Swan River Daisy*.)

Anemone.—Handsome, herbaceous plants. *Hardy perennial*. Chinese Single Mixed.— $\frac{1}{2}$ ft. Pkt. 5c. Fulgens Single Scarlet.—1 ft. Pkt. 20c. Japonica Roses.— $2\frac{1}{2}$ ft. Pkt. 10c. Japonica Alba.—White. Pkt. 10c.

Angelonia Grandiflora.—Scarlet, with white spots; in spikes; excellent for pots. *Tender perennials*. $\frac{1}{2}$ ft. Pkt. 20c.

Argemone Grandiflora (*Prickly Poppy*).—White. *Hardy annual*. $2\frac{1}{2}$ ft. Pkt. 5c.

Artemesia Gracilis.—Graceful, decorative plant, with fine foliage. *Hardy annual*. Pkt. 5c.

Baptisia Australis.—Pea-shaped flowers; bright blue; beautiful. *Hardy perennial*. 2 ft. Pkt. 5c.

Begonia.—Splendid free-flowering genus, with beautiful foliage and large, brilliantly colored blossoms. Seeds very expensive and require handling with exceeding care. *Tender perennials*. Single and double, choicest mixed. Pkt. 50c. Froebeli.—Scarlet; single. Pkt. 50c. Pearcei.—Yellow. Pkt. 50c. Metallica.—Handsome foliage. Pkt. 50c.

Brachycome (*Swan River Daisy*). (see cut).—Fine for pots, borders or rockeries. *Hardy annual*. Blue and white mixed. Pkt. 5c.

Bignonia Radicans (*Trumpet Vine*).—Climber; beautiful red trumpet flowers. *Hardy perennial*. Pkt. 25c.

Bocconia Japonica.—Stately and picturesque herbaceous plant, flowers white; in spikes; handsome foliage. *Hardy perennial*. Pkt. 10c.

Bryonopsis Erythrocarpa.—A most beautiful climber with handsome foliage and fruit. Pkt. 5c.

Calampellis Scabra.—Handsome climber; orange flowers and beautiful light-green foliage. *Half-hardy perennial*. Pkt. 10c.

Calandrinia Umbellata.—Bright crimson; exceedingly beautiful; profuse bloomer. *Hardy annual*. $\frac{1}{2}$ ft. Pkt. 5c.

Callirhoe Pedata nana.—Deep rose; profuse bloomer; beautiful. *Hardy annual*. 1 ft. Pkt. 5c.

Castilleja divisa.—One of the most remarkable of recent introductions, produces brilliant scarlet flower-bracts; very rich. *Hardy annual*. Pkt. 20c.

Campanula (*Canterbury Bells*).—The following are worthy of a place in every garden: Carpatica.—*Hardy perennial*. 1 ft. Blue, white. Pkt. 5c. Leutweini.—White. *Hardy Perennial*. 2 ft. Pkt. 25c. Loreyi.—*Hardy annual*. 1 ft. Blue, white. Pkt. 5c. Macrostylia.—Violet. *Hardy annual*. 1 ft. Pkt. 15c. Media.—Single mixed, double mixed. *Hardy perennial*. 2 ft. Pkt. 5c. M. calycanthema, mixed.—Very fine (*Cupped*). Pkt. 10c. Nobilis.—Drooping flowers, 3 ins. in length. Blue, white. *Half-hardy perennials*. $2\frac{1}{2}$ ft. Pkt. 25c. Persicifolia.—Fine for cutting; blue, white. *Half-hardy perennial*. $2\frac{1}{2}$ ft. Pkt. 10c. Speculum (*Venus' looking-glass*).—Excellent for bedding. *Hardy annual*. $\frac{1}{2}$ ft. Mixed. Pkt. 5c. Turbinata.—Flowers 2 ins. diameter; very desirable perennial. Blue 5c, pkt., white 25c, pkt. Vidali.—Large racemes of waxy white flowers. *Tender perennial*. Pkt. 15c.

Clintonia Elegans.—Handsome free-flowering plant; bright blue; fine for borders, baskets and rock-work. *Hardy annual*. $\frac{1}{2}$ ft. Pkt. 5c.

Cosmidium Burrigeum.—Crimson and yellow. *Hardy annual*. 2 ft. Pkt. 5c.

Cosmanthus Fimbriatus.—Lilac and white; fringed. *Hardy annual*. 1 ft. Pkt. 5c.

Crucianella Stylosa.—Pink, showy and free-flowering. *Hardy perennial*. 1 ft. Pkt. 5c.

Cucumber, Ornamental (*Cucumis*; *Cucurbita*).—Very curious climbing or trailing annuals, with large foliage and ornamental fruit. Flexuosus (Snake Cucumber).—Pkt. 5c. Dipsaceus (Teasel Cucumber).—Pkt. 5c. Argyrosperma.—Large fruit finely striped and mottled. Pkt. 5c. Leucantha.—Very remarkable; long fruit. Pkt. 5c.

Abobra Viridiflora.—Climber; handsome foliage; scarlet berries. *Half-hardy perennial*. Pkt. 5c.
Allium Azureum.—Bulbous plant; blue flowers in umbels. *Hardy perennial*. 1 ft. Pkt. 10c. A. Neapolitanum.—White. Pkt. 10c.
Ammobium Grandiflorum.—White flowered, everlasting. *Hardy annual*. 2 ft. Pkt. 5c.

GLAUCIUM CORNICULATUM.

Commelina Cœlestis.—Pretty free-flowering tuberous-rooted perennial, blooming the first season from seed. The roots may be kept through the winter like Dahlias; blue and white mixed. Pkt. 5c.

Cynoglossum Cœlestinum.—Handsome, free-flowering border plant, with blue flowers. Excellent for cutting. *Hardy annual*. Pkt. 5c.

Datura (Trumpet flower).—Large, fragrant, trumpet-shaped flowers. Excellent plants for massing. Double mixed. Pkt. 5c.

Echeveria.—Free growing succulents used for beds, rock-work, etc. *Half-hardy perennial*. Mixed varieties. Pkt. 25c.

Egg Plant.—Purple and white; very pretty fruit. Pkt. 5c.

Erysimum.—Orange and yellow; showy spikes; fine for beds and borders. *Hardy annual*. $\frac{1}{2}$ ft. Pkt. 5c.

Euphorbia (Snow on the Mountain).—Variegated foliage; a showy border plant. *Hardy annual*. $\frac{1}{2}$ ft. Pkt. 5c.

Eutoca.—Showy plant from California, excellent for beds and mixed borders. *Hardy annual*. $\frac{1}{2}$ ft. Mixed. Pkt. 5c.

Exacum Affine.—Elegant compact growing biennial, with clusters of beautiful violet-purple flowers; very fragrant. It sown early will bloom first season. $\frac{1}{2}$ ft. Pkt. 15c.

Fenzlia Dianthiflora.—Lovely little plant for window boxes or small beds and borders; blooms freely all summer. *Hardy annual*. $\frac{1}{4}$ ft. Pkt. 10c.

Ficus Elastica (India-Rubber Plant).—Valued for its beautiful dark-green leathery foliage and graceful habit, much used for decorating. *Half-hardy shrub*. Pkt. 25c.

Gaura Lindheimeri.—White flowers with lively red calyx; excellent for cutting and fine for mixed baskets and vases, on the lawn or veranda. *Hardy annual*. 2 ft. Pkt. 5c.

Geum Coccineum, fl. pl.—Double bright scarlet, handsome *hardy perennial*. 2 ft. Pkt. 5c.

Gilia, finest mixed.—Dwarf; free-flowering; *hardy annual*; fine for borders, etc. Pkt. 5c.

Gladiolus.—Saved from a splendid collection. *Half-hardy perennial*. 3 ft. Pkt. 10c. Lemoines Hybrids.—Very choice. Pkt. 15c.

Gnaphalium (Edelweiss).—Snow-white Alpine, for the rockery, etc. *Hardy perennial*. $\frac{1}{4}$ ft. Pkt. 25c.

Glaucium Corniculatum (see cut).—Fine silvery foliage; very graceful. *Hardy perennial*. 1 ft. Pkt. 5c.

Gomphrena (Globe Amaranth).—Handsome everlastings; white, purple, orange, etc. *Hardy annual*. 2 ft. Mixed colors. Pkt. 5c.

Grammanthes Gentianoides.—Star-shaped, orange-scarlet flowers; dwarf and fine for baskets. *Hardy annual*. $\frac{1}{4}$ ft. Pkt. 20c.

Grevillia Robusta.—Decorative greenhouse plant; esteemed for its beautiful foliage. *Half-hardy perennial*. 3 ft. Pkt. 10c.

Gypsophila (Baby's Breath).—Graceful white panicles of small flowers; excellent for mixing. *Hardy perennial*. 2 ft. Pkt. 5c. Muralis.—Rose. *Hardy annual*. $\frac{1}{4}$ ft. Pkt. 5c. Elegans.—White. *Hardy annual*. $\frac{1}{2}$ ft. Pkt. 5c.

Hedysarum Coronarium (French Honeysuckle).—Showy plant for borders. *Hardy perennial*. 2 ft. Mixed colors. Pkt. 5c.

Hesperis (Sweet Rocket).—A well-known herbaceous plant; fragrant; early flowering; easily grown. *Hardy perennial*. $1\frac{1}{4}$ ft. Pkt. 5c.

Hibiscus Africanus.—Yellow, with dark maroon centre, large and handsome. *Hardy annual*. 2 ft. Pkt. 5c.

Honesty or Satin Flower (*Lunaria biennis*).—The silvery seed pods are much used for winter decorations. *Hardy biennial*. 2 ft. Pkt. 5c.

Flower Seeds: Condensed List of Standard Sorts.—(See also pages 41 to 71.)

MATRICARIA (FEVERFEW).**MYOSOTIS (FORGET-ME-NOT).****NYCTERINIA CAPENSIS.****PERILLA NANKINENSIS.**

Humea Elegans.—Rose, sweet-scented, very graceful. *Half-hardy biennial*. 3 ft. Pkt. 10c.

Humulus Japonicus (Japanese Hop).—Rapid-growing vine, beautiful foliage. *Hardy annual*. Pkt. 10c.

Hyacinthus Candicans (Summer Hyacinth).—Long spikes of pure white bell-shaped flowers; splendid herbaceous plant. *Hardy perennial*. 3 ft. Pkt. 5c.

Impatiens Sultan (Sultan's Balsam).—A single-flowering perennial Balsam from Madagascar, with rich carmine-magenta flowers; free bloomer; magnificent. *Tender perennial*. 1½ ft. Pkt. 15c.

Ipomopsis (Standing Cypress).—Brilliant orange and scarlet; long spikes; beautiful. *Hardy biennial*. 4 ft. Pkt. 5c.

Kaulfussia Ammelloides.—Beautiful dwarf annual; mixed colors. Pkt. 5c.

Lantana Hybrida.—Elegant half-hardy perennial, with beautiful trusses of flowers; excellent for pots or the summer garden; mixed colors. Pkt. 10c.

Lathyrus Latifolius (Perennial Sweet Pea).—Flowers second season from seed; very beautiful scarlet and white flowers. *Hardy perennial*. Pkt. 10c.

Lavla Elegans.—Golden yellow flowers 2 in. in diameter. *Hardy annual*. ¾ ft. Pkt. 5c.

Leptosiphon.—Beautiful flowers and foliage. *Hardy annual*. ½ ft. Mixed colors. Pkt. 5c.

Limnanthes Douglasi.—Yellow and white; fragrant, magnificent plant for bees. *Hardy annual*. ½ ft. Pkt. 5c.

Lophospermum Scandens.—Purple; handsome climber for the conservatory. *Tender annual*. Pkt. 10c. *Cocchineum*.—Scarlet. Pkt. 10c. *Hendersoni*.—Rosy carmine. Pkt. 10c.

Lupinus.—Very attractive and easily grown plants, producing long spikes of flowers of various colors. Annual varieties; mixed. Pkt. 5c. Perennial varieties; mixed. Pkt. 5c.

Lychnis. Showy, free-flowering, herbaceous plants. *Hardy perennial*. 2 ft. Mixed colors. Pkt. 5c.

Malva (Curled Mallow).—Beautifully curled foliage. *Hardy annual*. 5 ft. Pkt. 5c. *Moschata*.—Musk-scented; rosy white. 2 ft. Pkt. 5c.

Martynia Fragrans.—Very handsome, purple flowers; the fruits make fine pickles. *Half-hardy annual*. 2 ft. Pkt. 5c.

Matricaria (Double White Feverfew).—Dwarf half-hardy perennials, largely grown for cutting; also excellent for borders; double white. Pkt. 5c.

Mathiola (Evening Scented Stock).—A very interesting flower; opens in the evening; very fragrant pink and lilac flowers. *Hardy annual*. 1 ft. Pkt. 5c.

Mina Lobata.—A strikingly beautiful climber, with vivid red flowers changing to white when fully open; very profuse bloomer. *Hardy annual*. Pkt. 10c.

Molucella (Shell Flower).—A very curious flower. *Hardy annual*. 1 ft. Pkt. 5c.

Myosotis (Forget-Me-Not).—This pretty little blue perennial should be grown in a shady situation. Pkt. 10c.

Myosotis Alpestris.—Blue; valuable for bedding. Pkt. 5c.

Myosotis Dissitiflora.—Dark blue; very popular for early spring bedding. Pkt. 10c.

Myosotis Azorica.—An annual variety; blue and white mixed. Pkt. 10c.

Myosotis, Mixed.—Many fine sorts. Pkt. 10c.

Nemesia.—Exceedingly pretty, free-blooming annual. *Hardy annual*. ¾ ft. Mixed colors. Pkt. 5c.

Nemophila.—Charming dwarf annual, with neat, compact habit and strikingly beautiful flowers. *Hardy annual*. ½ ft. Mixed colors. Pkt. 5c.

Nierembergia.—Fine for hanging baskets or edgings. *Hardy annual*. 1 ft. Pkt. 10c.

Nigella (Love-in-a-Mist).—Showy flowers and finely cut foliage. *Hardy annual*. 1 ft. Mixed colors. Pkt. 5c.

Nolana.—Pretty trailer; excellent for hanging baskets. *Hardy annual*. 1 ft. Mixed colors. Pkt. 5c.

Nycteria.—Neat, compact little plants, covered with star-shaped flowers; sweet scented; very pretty. *Hardy annual*. ½ ft. Capensis.—White, yellow centre. Pkt. 10c. *Selaginoides*.—Lilac. Pkt. 10c.

Orobis.—Beautiful hardy perennial, with pea-shaped flowers. Pkt. 5c.

Oxyura.—Golden yellow, edged with white; showy and free-flowering. *Hardy annual*. Pkt. 5c.

Passiflora (Passion Flower).—Splendid climbing vine. *Tender perennial*. Blue. Pkt. 10c. Scarlet. Pkt. 10c.

Pelargonium (Geranium).—Large flowering and ornamental leaved varieties; splendid mixture. Pkt. 5c.

Pentstemon.—Elegant herbaceous plants, with long, handsome spikes of richly colored flowers. *Hardy perennial*. Many fine varieties, mixed. Pkt. 5c.

Perilla.—Dark purple leaves, beautifully crisped at edges. *Half-hardy annual*. 1½ ft. Pkt. 5c.

Phacelia.—Beautiful annual from California; mixed varieties. Pkt. 10c.

Sanvitalia.—Handsome, free-flowering, hardy annual of trailing habit, with double, light golden-yellow flowers. ¾ ft. Pkt. 10c.

Saponaria (Bouncing Bet).—Charming annual of neat, dwarf habit; mixed colors. Pkt. 5c.

Schizopetalon.—White, curiously-cut, star-shaped petals; fragrant and charming annual. ½ ft. Pkt. 5c.

Schypanthus.—Beautiful climber for the conservatory or summer garden; yellow. Pkt. 10c.

Solanum.—Highly decorative green-house plants, with fine foliage and beautiful scarlet berries. Choice hybrids. Pkt. 10c.

Spergula Pilifera Aurea.—Golden foliage; very dwarf; popular for edging and carpet beds. Pkt. 25c.

Stellaria Graminea Aurea.—Golden foliage; far richer than the "Golden Feather"; splendid for edgings, etc. ¼ ft. Pkt. 15c.

Statice (Sea Lavender).—Excellent for winter bouquets. *Hardy annual*. 1½ ft. Mixed. Pkt. 5c.

Tacsonia Ignea.—Magnificent climber for green-house or conservatory; fiery red; large and beautiful. Pkt. 20c.

Tacsonia Van Volkemi.—A brilliant scarlet variety. Pkt. 20c.

Trifolium (Sweet Clover).—Highly valued for its fragrance; very pretty. *Hardy annual*. 2 ft. Pkt. 5c.

Viola Odorata (Sweet Violet).—A well-known, fragrant, dwarf perennial. Blue. Pkt. 10c. White. Pkt. 10c. Dark blue. Pkt. 10c.

Viola Odorata (The Czar).—Large and fragrant; blue. Pkt. 10c. White. Pkt. 10c.

Viola Cornuta.—Blue. Pkt. 15c. White. Pkt. 15c.

Viola Lutea Grandiflora.—Yellow; a fine old species. Pkt. 5c.

Viscaria.—Bright, handsome annual; very free flowering. 1 ft. Mixed. Pkt. 5c.

Wahlenbergia (Bell Flower).—Hardy, herbaceous plant, with blue and white bell-shaped flowers; mixed colors. Pkt. 5c.

Waitzia (Everlasting).—Yellow; charming. *Hardy annual* 1 ft. Pkt. 10c.

MIXED FLOWER SEEDS.

Many fine varieties mixed, all easily grown kinds; many of them rare and beautiful. Also a good proportion of standard and favorite varieties. Nothing better for odd spaces. Valuable for cutting. Half-ounce packets, 25c.

SPRING FLOWERS.

Hyacinths, Tulips, Narcissus, Lilies, Crocus, Snowdrops, Ranunculus, Anemones, Iris, Lily of the Valley, Crown Imperials, Frezias, Galias, Spiraeas, Scillas and other winter and spring blooming bulbous plants are kept in stock from September to December. We publish a special catalogue of these September 1. Send us a postal now; it will be mailed proper time. Customers will receive it without writing.

**PENNSYLVANIA
LAWN MOWER.**

10 inch,	\$6.00
12 "	6.75
14 "	7.75
16 "	9.25
18 "	10.75

**PENNSYLVANIA
HORSE
LAWN MOWER.**

30 inch, \$72.00.
(Seat extra, \$1.00.
Shafts extra, \$2.00.)

QUAKER CITY LAWN MOWER.

10 inch,	\$5.75	14 inch,	\$7.50
12 "	6.50	16 "	9.00

**PHILADELPHIA LAWN
MOWER.**

12 inch,	\$7.50
14 "	8.50
16 "	9.50

**PHILADELPHIA HORSE LAWN
MOWER.**

30 inch, \$67.50.
(Shafts and Seat extra, \$12.50.)

**PHILADELPHIA LAWN
SWEEPER.**

24 inch (for hand),	\$16.50
40 " (for horse),	60.00

"FIRE-FLY" HAND TOOLS.

No. 23.

FIRE-FLY WHEEL GARDEN PLOW.
FIRE-FLY WHEEL GARDEN PLOW.—Manufacturers' price, \$2.50; our price, \$2.00.

FIRE-FLY PLOW, WHEEL HOE AND CULTIVATOR.—Manufacturers' price, \$5.00; our price, \$4.00.

"PLANET JR." IMPLEMENTS.
GARDEN SEED DRILL.—Manufacturers' price, \$9.00; our price, \$7.00.
See Illustrated Catalogue of "Planet Jr." Farm and Garden Implements mailed free.

ORNAMENTAL RUSTIC WORK.

Nothing adds to the artistic finish of a lawn and grounds so much as a few well-filled rustic vases and baskets. Our stands, vases and baskets are made after the most approved patterns, and are celebrated for their elegance of outline and finish, while they are also most substantially made and will last for years. Some idea of the appearance of these vases etc., may be obtained from the annexed engravings, each pattern being manufactured in several different sizes.

No. 8.—Hanging Basket.

8 inches,	\$0.50
9 "	.60
10 "	.75
11 "	.90
12 "	1.00
13 "	1.25
14 "	1.50
15 "	1.70

No. 13.—Window Box, 18 inches, \$1.00
" " " 24 " 1.50
" " " 30 " 2.00

No. 11.—Stump Box, 16 inches, \$1.00
" " " 20 " 1.50
" " " 24 " 2.00

No. 19.—Round Vase, 15 inches, \$4.00

No. 10.—Oblong Vase, 18 inches, \$2.25
" " " 24 " 3.50

No. 5.—Hexagon Vase, 16 inches, \$2.00
" " " 20 " 2.50
" " " 24 " 4.00

No. 18.—Square Vase, 13 inches, \$2.00
" " " 16 " 3.50

ORNAMENTAL ** POTTERY.

No. 220.—Flower Pot. Dark lavender, ornamented with silver-grey and black. 7 1/2 inches. 50 cents each, \$5.00 per dozen.

No. 222.—Flower Pot. Old gold repousse. 6 inches, 50 cents each, \$5.00 per dozen. 8 inches, 70 cents each, \$7.00 per dozen.

No. 101.—Flower Pot. Old gold and bronze. 5 inches, 30 cents each, \$3.00 per doz. 7 inches, 40 cents each, \$4.00 per dozen.

No. 3.—Flower Pot. Imitation oak. 4 inches, 17 cents each, \$1.75 per dozen. 5 1/2 inches, 27 cents each, \$2.75 per dozen. 7 inches, 42 cents each, \$4.25 per dozen.

No. 76.—Flower Pot. Rustic; silver-grey. 5 inches, 20 cents each, \$2.00 per dozen. 6 inches, 30 cents each, \$3.00 per dozen. 7 1/2 inches, 40 cents each, \$4.00 per dozen.

No. 219.—Flower Pot. Rustic; dark brown. 4 1/2 inches, 15 cents each, \$1.50 per dozen. 5 1/2 inches, 20 cents each, \$2.00 per dozen. 7 inches, 25 cents each, \$2.50 per dozen.

No. 75.—Flower Pot. Rustic, with holly spray (scarlet and green). 4 1/2 in., 20c. each, \$2 per doz. 5 1/2 in., 30c. each, \$3.00 per doz. 7 in., 40c. each, \$4.00 per doz.

No. 16.—Hanging Pot. Carmine, with gold band. 7 in., 20c. each, \$2.00 per doz. 8 in., 25c. each, \$2.50 per doz. 9 in., 30c. each, \$3.00 per doz.

No. 52.—Hanging Basket. Finished in bronze. 8 inches, 40 cents each, \$4.00 per doz. 10 inches, 50 cents each, \$5.00 per dozen.

No. 19.—Hanging Pot. Rustic; deep brown. 7 in., 27c. each, \$2.75 per doz. 8 in., 37c. each, \$3.75 per doz. 9 in., 45c. each, \$4.50 per dozen.

No. 18.—Hanging Pot. Imitation marine; black, blue, and gold. 7 inches, 30 cents each, \$3.00 per dozen. 8 inches, 40 cents each, \$4.00 per dozen. 9 inches, 50 cents each, \$5.00 per doz.

No. 262.—Hanging Pot. Carmine, bordered with black and gold. 8 inches, 35 cents each, \$3.50 per dozen.

Brass Chains for Hanging Pots, with Rings and Swivel complete, 20 cents each, \$2.00 per dozen.

No. 25.—Hanging Pot. Imitation tree stump. 6 inches, 30 cents each, \$3.00 per doz. 7 in., 40c. each, \$4.00 per doz. 8 in., 50c. each, \$5.00 per doz. 9 in., 60 cts. each, \$6.00 per dozen.

STANDARD FLOWER POTS.—The style and sizes are those adopted by the Society of American Florists, 1888. Inside measurement.

Size.	Per dozen.	Per 100.	Per 1000.	Size.	Per Each.	Per dozen.	Per 100.	Per 1000.	Size.	Per Each.	Per dozen.	Per 100.	Per 1000.
1 1/4 in.,	\$0.08	\$0.50	\$4.00	3 in.,	\$0.02	\$0.12	\$0.80	\$6.50	6 in.,	\$0.06	\$0.56	\$3.75	\$30.00
2 "	.09	.55	4.50	3 1/2 "	.02	.18	1.25	10.00	7 "	.09	.84	5.60	45.00
2 1/4 "	.10	.60	5.00	4 "	.03	.21	1.45	11.50	8 "	.12	1.17	7.80	62.50
2 1/2 "	.11	.70	5.75	5 "	.04	.33	2.25	18.00	9 "	.21	2.06	13.75	110.00

FLOWER POT SAUCERS.

3 in.	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	12 in.	14 in.
25c. doz.	30c. doz.	36c. doz.	5c. ea., 50c. doz.	6c. ea., 60c. doz.	8c. ea., 80c. doz.	13c. ea., \$1.30 doz.	16c. ea., \$1.60 doz.	24c. ea., \$2.40 doz.	28c. ea., \$2.80 doz.

SQUARE SEED PANS.

6 in., 20c. each.	8 in., 28c. each.	10 in., 34c. each.	12 in., 40c. each.	8 in., 18 cents each.
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ROUND SEED PANS.

10 in., 21 cents each.	12 in., 24 cents each.
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WIRE FLOWER STANDS!

Great Reduction in Prices!

All Stands are well made, handsomely finished, and furnished with Castors.

No. 9.—Stand (Fancy) with Arch.
Price, \$4.00.
Without Arch, " 3.00.

No. 3.—Square Stand (Fancy) with Arch. Price, \$4.38.
Without Arch, 3.38.

No. 10.—One shelf Stand.
Length, 33 inches; height, 24 inches.
Price, \$1.25.

Galvanized Stands.—We can also supply nearly all these stands galvanized at a slight advance in price.

No. 7.—Oblong Stand (two shelves).
Price, \$2.70.

All these Stands are painted green and handsomely finished in gold and bronze.

No. 2.—Pyramid Stand. Height, 6 feet; width 4 feet; breadth 2 feet. Price, \$6.40.
Without Arch, " 5.40.

No. 5.—Square Stand (Fancy), 33 inches long.
Price, \$3.55.

NOTICE.—Stands are generally shipped by freight, and two or three may often be shipped as cheap as one.

Add 25c. for crating to above prices for Nos. 7 and 10, and 50c. for Nos. 2, 3, 4, 5 and 9, when the stands are wanted by freight. The freight companies insist on crating. The express companies take them either with or without crates.

No. 4.—Semi-circle Stand. 42 in. wide, 24 in. deep, 36 in. long. Price, \$3.55.

POULTRY SUPPLIES.

CRACKED POULTRY BONE.

This article is manufactured from fresh, clean bones, and is perfectly pure and sweet. The bones are extra selected, being first boiled to remove the meat and then ground. No chemicals whatever are applied to them in the course of manufacture, so that they are turned out green and pure. Should be fed to the poultry daily, about a handful to every five fowls, like grain or any other feed. An excellent bone and egg producer, keeping the fowls strong on their legs and largely increasing their laying qualities. 10 lbs. 40c., 25 lbs. 80c., 50 lbs. \$1.40, 100 lbs. \$2.50.

BONE MEAL FOR POULTRY AND CATTLE.

For mixing once a day with soft feed this is unsurpassed. 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. This is exactly the same as the Cracked Bone described above, only it is ground much finer. 10 lbs. 40c., 25 lbs. 80c., 50 lbs. \$1.40, 100 lbs. \$2.50.

GARDINER'S CHOICE GROUND BEEF SCRAPS.

Our ground beef scraps are in constant use by the best poultrymen in all parts of the country, who consider them invaluable for all classes of poultry. They are fresh and pure at all times, being ground from perfectly healthy meat and mixed with just the proper proportions of bone and shell-forming substances to form a complete food, which furnishes everything necessary for the successful rearing of massive, strong and healthy birds. For poultry kept in confinement there is nothing better than this. They are both stimulating and nutritious, and splendid results can be obtained by their use, especially during cold weather. Feed three times a week at the rate of about a handful to every three birds in the morning meal of hot food. On the days when the scraps are used the amount of grain may be reduced. During warm weather the scraps need not be fed more than once a week. Per 100 lbs. \$2.50. Sample packages: 10 lbs. 40c., 25 lbs. 80c., 50 lbs. \$1.40.

BEEF CRACKLINGS.

Fresh and sweet; in 50-lb. cakes. \$1.25.

FRESH GROUND OYSTER SHELLS.

No poultry yard should be without these during the winter months when all shell-making material is frozen over. If you want plenty of hard-shelled eggs in winter, this is the finest thing in the world for the purpose. 10 lbs. 25c., 25 lbs. 40c., 50 lbs. 70c., 100 lbs. \$1.00.

NOTHING ON EARTH
WILL
MAKE HENS LAY
LIKE
SHERIDAN'S
CONDITION POWDER

SHERIDAN'S CONDITION POWDER.

This powder is so well and favorably known that description of its merits is unnecessary. 4 oz. package, 25c., 2½ lb. can, \$1.00. Mailing, 16c. per lb.

Special Offer on Sheridan's Condition Powder.

We will send post-paid by mail, as follows: A new, elegantly illustrated copy of the "Farmer's Poultry Raising Guide," (price, 25 cents; contains a daily poultry account worth the price), and two packages of powder for 60c. or one large 2½ lb. can for \$1.20 (regular price, \$1.40) and Guide free. In quantity, costs less than one-tenth of a cent a day per hen.

IMPERIAL EGG FOOD.

A well-known egg food preferred by some raisers before all other brands. 1 lb. 40c., 2½ lbs. 80c., 6 lbs. \$1.60, 10 lbs. \$2.40, 25 lbs. \$6.00. Mailing, 16c. per lb. (Only the first two sizes are available).

JOHNSTON'S CONDITION POWDER.

This is a very fine tonic for improving the appetite and keeping the digestive organs perfectly vigorous and healthy. It increases the size, number and quality of the eggs, gives a delicate redness to the comb and a glossy appearance to the plumage, a sure sign of good health, without which no bird can win in the prize pen. 1 lb. 15c., 2 lbs. 25c. Mailing, 16c. lb.

HAMBURG MOSS LITTER.

Crude. \$3.00 per bale of 320 lbs.
Prepared. Soft and friable. \$1.00 per bag.
Prepared and Medicated. Vermin-proof. \$1.25 per bag.

POULTRY FOUNTS.

Improved Patent Stoneware. This fount is acknowledged to be the best now on the market. Keeps the water cool and clean and will not upset.

	EACH.	PER DOZ.
Pints.	\$0 25	\$2 50
Quarts.	40	4 00
½ gallon.	75	7 50
1 gallon.	1 00	10 00
2 gallons.	1 50	15 00
3 gallons.	1 80	18 00

POULTRY MARKER.

This article is a great help to the poultry keeper. It will punch a small hole in the filaments of the foot without pain to the fowl, thus enabling different breeds to be readily distinguished. The engraving explains the working of this invention, which is one of the most valuable things, and offered at so low a price that it ought to be in the hands of all poultry keepers. Easily carried in the vest pocket. Made in two sizes for small and large chicks. Price, 25c. free by mail.

FRENCH POULTRY KILLING KNIFE.

The most expeditious and humane way of killing and dressing poultry is by the French method. These knives are made of the finest steel. Price, with instructions, 50c. each.

BASKETS.

These are light, yet strongly made, and are furnished with card-board divisions for the eggs. Each division is large enough to allow convenient packing with "Excelsior," or other material, thus making the eggs absolutely secure when shipped by express. One setting, complete, \$1.50 per doz., two settings, complete, \$2.00 per doz., three settings, complete, \$2.50 per doz. Sample basket, complete, mailed on receipt of 25c.

SOFT EXCELSIOR FOR PACKING.

This is a most useful article and is largely used for packing eggs, etc., for shipment. Per lb. 2½c., in bales of 250 to 300 lbs. \$1.50 per hundred.

PERSIAN INSECT POWDER.

This article is unsurpassed for use in the poultry yard. We offer only the best quality, freshly manufactured and guaranteed absolutely pure. ½ lb. 35c., 1 lb. 65c. Mailing, 16c. per lb.

INSECT POWDER BLOWER.

The handiest and cheapest little powder gun made. At the low price at which we offer this, no one should be without it. Free by mail for 15c., 2 for 25c.

POULTRY • DEPARTMENT.

Our birds are bred from the purest stock, and we take the utmost pride in keeping them up to the highest standard. For this purpose we are constantly purchasing the very finest prize takers and adding them to our own in order to always insure fresh blood. This, combined with our care in mating and breeding, makes our poultry yards the custodian of, we believe, as fine a collection of birds as any in the United States. From the great number of each class bred by us we can always supply second shipments from a different yard, thus insuring fresh blood every time. The prices quoted in this connection are for first-class breeding fowls mated, not akin and guaranteed fault-free according to the rules of the A. P. A.

EGGS FOR HATCHING.—We warrant our eggs to be true to name and fresh, but we cannot warrant any specified number to hatch, as this depends to a great extent on circumstances over which we have no control. Chicks from black breeds will occasionally show white feathers, but this does not denote impurity, as the plumage becomes solid black after moulting. Our packing is very carefully done, so that the eggs carry safely any distance, and excellent hatches are the rule. Eggs should be allowed to settle for a day or two after receipt before setting, as the journey generally shakes them up considerably.

SHIPPING.—We cannot send eggs or birds C. O. D. Express companies feed and water the birds in transit and collect express charges on delivery. We notify customer by mail or telegraph as soon as the birds are dispatched.

▲ INDIAN ▲ GAMES ▲

THE FUTURE GENERAL-PURPOSE FOWL.

INDIAN GAMES.

This new breed is admitted by competent judges to be a strong rival to the Plymouth Rock as an all-purpose bird, and enthusiasts claim that it is destined to take first place as soon as generally known. They have been found (1st.) To be the quickest-growing chick and are therefore the best for broilers; (2d.) They are the heaviest in proportion to size and their meat is more delicious in flavor than any other, thus making them the bird for the market poultryman; (3d.) They captivate the epicure on account of their racy and delicate flavor; (4th.) The farmer prefers them for their good laying and table qualities; and (5th.) The fancier delights in them on account of their handsome and dignified appearance. Birds are as yet relatively scarce here as well as in England. We can supply eggs from imported birds at \$8.00 per setting of 13; and also from birds one year from imported stock, which are nearly if not quite as good as the imported birds, at \$6.00 per setting of 13. (No birds for sale this season).

DERBYSHIRE RED CAPS.

▲ DERBYSHIRE ▲ RED ▲ CAPS ▲

These are becoming exceedingly popular in America on account of their splendid laying qualities, in which they are superior even to the Leghorn and Minorca. They are non-sitters and are greatly surpassed by some other breeds as table fowls; but they certainly stand pre-eminent as egg-producers. Although not particularly handsome, some fowls they are shapely and they will stand all kinds of wind and weather and still look well. Eggs, \$3.00 per 13, \$5.00 per 26. Birds, \$12.00 per trio.

BLACK AND WHITE MINORCAS.

Splendid breed of fowls; grand style, great layers; good either for home use or market. Eggs, \$2.50 per setting of 13. Fowls, \$7.00 pair, \$10.00 trio.

Barred and White PLYMOUTH ROCKS.

As a "farmers' fowl" the Plymouth Rocks are held in the very highest estimation. Being of large size, good layers and breeders, with flesh of excellent quality and perfectly hardy, they make a splendid all-round fowl for the farmer, both for home use and for market. They grow very fast, the cock weighing at maturity from nine to eleven pounds, the hen from seven to nine pounds. They make first-rate mothers, yet are not prone to sit too persistently, and are easily kept within bounds. In appearance they are trim and neat, as shown in our engraving, with elegant plumage, clean yellow legs and good carriage, thus recommending them strongly to the fancier as well as to the farmer. Eggs, \$2.50 per setting of 13. Fowls, \$7.00 per pair; per trio (one cock and two hens), \$10.00.

BARRED PLYMOUTH ROCKS.

WHITE PLYMOUTH ROCKS.

WYANDOTTES. **WYANDOTTES.**

good mothers, although not persistent sitters. already so highly appreciated that it is unnecessary for us to praise them much; they are very popular and richly deserve to be. Eggs for hatching, \$2.50 per setting of thirteen. Fowls, \$7.00 per pair, per trio (one cock and two hens), \$10.00.

WHITE WYANDOTTES.

They commence to lay early and continue through the season and they are magnificent as a market or table fowl. They are hardy and bear confinement well and are, in short, one of the very best breeds for home use, market or exhibition. We advise those who were disappointed last season on account of the scarcity of the eggs to let us have their orders in advance, as all orders will be filled strictly in rotation. Eggs, \$2.50 per 13. Fowls, \$7.00 pair, \$10.00 trio.

WHITE LEGHORNS.**WHITE LEGHORNS.**

These do not differ from the Brown Leghorns except in their white plumage. They have the same symmetry of form, fine style and carriage, and equally astonishing laying powers; as fancy birds, they are preferred by many to the Brown, and they certainly breed truer to feather. Eggs, \$2.50 per setting of 13. Fowls, per pair, \$7.00, per trio (one cock and two hens), \$10.00.

Distinctly an American breed, formerly known as Sebrights, but so greatly improved of late years that they are now classed by themselves. They are large birds, approaching the Plymouths in size, very trim and neat looking, with elegantly variegated plumage and stylish carriage. They are good layers and excellent table birds, perfectly hardy, bear confinement well and are.

White Wyandottes.

These beautiful birds, with their snowy plumage, are a splendid contrast to the barred Wyandottes and also possess all the other good qualities which have made that breed famous. For style and appearance they have few equals.

BROWN LEGHORNS.

The Leghorns are most remarkable layers, often averaging over 200 eggs per annum. Their eggs are of the largest size, much larger than those of the Hamburgs, and produced with such long-continued regularity as to earn them the title of "laying machines." They grow very fast and commence to lay when four or five months old. Eggs, \$2.50 per setting of 13. Fowls, \$7.00 per pair, \$10.00 per trio (one cock and two hens).

Black Hamburgs.

The Hamburgs are a favorite breed of fowls, their great merit being their excellent laying qualities. They will average about 200 fair-sized eggs per annum. The Blacks are the most popular on account of their greater hardiness and larger eggs. They are handsome, stylish birds of good form and graceful carriage. They are hardy and excellent foragers, and, given freedom, will feed themselves, although there is little difficulty in keeping them in confinement. Eggs, \$2.50 per setting of 13. Fowls, \$7.00 per pair, per trio (one cock and two hens), \$10.00.

BLACK HAMBURGS.**Houdans.**

This breed is highly valued for its excellent laying and table qualities. They are non-sitters, very hardy and easily reared. Grow fast and are remarkably vigorous and healthy. The chickens of this breed fledge and grow exceedingly fast. Eggs, \$2.50 per thirteen. Fowls, \$7.00 per pair, \$10.00 per trio.

HOUDANS. **WHITE CRESTED BLACK POLISH.****WHITE CRESTED BLACK POLISH.**

Handsome stylish birds with bold and graceful carriage. They are non-sitters and most prolific layers and also an excellent table fowl. They bear confinement remarkably well and suffer very little in appearance either from this or from exhibition. They should always be kept dry and warm, as they are somewhat susceptible to cold and roup if exposed to bad weather. Eggs, \$2.50 per thirteen. Fowls, \$7.00 per pair, \$10.00 per trio.

LIGHT BRAHMAS.

other breeds, and are one of the most profitable fowls both for market and home use. They seldom get out of condition from over-feeding. No poultry yard is complete without at least a few Brahmans. Our stock of Light Brahmans has been most carefully bred, and is very fine. Eggs, \$2.50 per setting of thirteen. Fowls, \$7.00 per pair; per trio (one cock and two hens), \$10.00.

LIGHT BRAHMAS

The Brahmans are excellent *winter layers*; commencing to lay when six months old, and producing usually about thirty eggs before commencing to sit, and often laying without intermission all winter when other breeds are entirely stopped. In size they certainly surpass all

DARK BRAHMAS.

In form the Dark Brahmans are upright and sprightly with the great width and depth which characterize all Brahmans. As fancy birds there are few that can equal them, and they are held in the highest admiration by all poultry keepers. They are very tame and stand confinement well, yet are good foragers when allowed liberty. Eggs, \$2.00 per setting of thirteen. Fowls, \$7.00 per pair; per trio (one cock and two hens), \$10.00.

DARK BRAHMAS.

BUFF COCHINS.

Are a valuable breed, and deserve the attention of all poultry keepers. They are very tame, easily domesticated; seldom quarrel, and will thrive in a very limited run. The young chickens are hardier than any other breed except Brahmans, grow fast, and are fit for killing when twelve weeks old. As sitters and mothers, the hens are unsurpassed; they are prolific layers, especially in winter, when eggs are scarce; they cannot fly, and a fence two feet high will keep them within bounds. Our stock is pure and unsurpassed. Fowls, \$7.00 per pair; per trio (one cock and two hens), \$10.00. Eggs for hatching, \$2.50 per setting of thirteen.

A limited number of settings can be supplied from a remarkable prize pen of Buffs imported this season. Price, \$4.00 per setting. Orders filled strictly in rotation.

BUFF COCHINS.

Partridge Cochins.

These have all the merits of the Buffs, and are very stylish handsome birds. Equally good for family use for eggs and chickens, and splendid as a fancy show bird. Eggs, \$2.50 per thirteen. Fowls, \$7.00 per pair; \$10.00 trio.

PARTRIDGE COCHINS.

MAMMOTH AMERICAN BRONZE TURKEYS.

BRONZE TURKEY.

This breed is the largest, hardiest, firmest fleshed, and highest flavored of all gobblers, and will grow and fatten quicker than any other. Eggs, \$3.00 per 6; \$5.50 per 12. Birds, \$7.00 each (tom or hen), \$12.00 pair (mated); \$16.00 trio (mated).

WHITE HOLLAND TURKEYS.

The White Hollands are not only beautiful in plumage, but they are also the tamest and most domestic of any. They are also of good size and profitable either for home use or market. Eggs, \$2.50 per 6, \$4.50 per 12. Birds, \$5.00 (tom or hen), \$10.00 pair (mated), \$12.50 trio (mated).

WHITE PEKIN BANTAMS.

The most remarkable and singular breed of Bantams in existence. A perfect miniature oriental possessing the feathered leg, abundant fluff, and all the other characteristics in the fullest perfection. Very rare. Eggs, \$5.00 per thirteen.

WHITE PEKIN BANTAMS.

PEKIN DUCKS.

We have a good strain of this popular and profitable breed of ducks. The Pekins are good layers, and are easily confined, and require only water enough for drinking purposes. They have creamy-white plumage, orange legs, and yellow bills; grow large, and can be marketed young. Their size, weight, and other good qualities have made them popular all over the country. Per pair, \$6.00; per trio, \$9.00. Eggs for hatching, \$1.25 per setting.

PEKIN DUCKS.

AYLESBURY DUCKS.

White, larger than the Pekins. We offer a limited number of settings from a prize pen just imported \$4.00 per setting.

JANUARY 1, 1891.

Winter is the time to lay your plans for next season's operations on the farm and in the garden, and to select your seeds from the seedsmen. Therefore, order your seeds now. Do not lay this book aside till planting time comes round. Order now, while you have plenty of time to study our list thoroughly.

PLEASE READ CAREFULLY WHEN SENDING ORDERS.

ADDRESSING.—We would earnestly request all customers when sending orders to carefully fill in their full name and address, stating also their nearest express and freight offices. There are so many forgetful people who send orders and money without their names, that we deem this caution very important, owing to the fact that the recipients naturally get blamed for not shipping the order when they are entirely innocent—not knowing where to send.

ORDER SHEET.—For writing out orders, the order sheet enclosed with Catalogue will be found more convenient than an ordinary sheet of paper, and by using the printed envelope, there is less danger of letters miscarrying.

REMITTING MONEY.—We receive postage stamps the same as cash, and postal notes are generally very convenient, but, when sending money, we recommend for safety, where possible, to remit either by registered letter, post-office order, express order, or by draft on New York. Remittances sent in any of these four ways are absolutely safe, and we not only guarantee their safe arrival, but we will also bear the expense of so sending. The cost of remitting the money may be deducted from the amount sent. In making remittances be careful to send sufficient to cover the amount of goods ordered. In cases of short remittances, we will limit the shipment to the amount of money received. We are compelled to adopt this rule on account of the inconvenience and expense of collecting small balances. We never send goods C. O. D., unless one-fourth of the amount is sent as a guarantee of good faith. Goods cannot be sent C. O. D. by freight, neither can we send perishable goods or live stock C. O. D.

SHIPMENTS OF ORDERS.—All orders are booked, assorted, and filed the day they are received, and despatched the day following, or a reason given for delay, if any should happen, which seldom occurs, as our excellent facilities and large force of skilled employes enables us to forward all orders promptly, even in the height of the busy season.

ARRIVAL OF PACKAGES GUARANTEED.—We guarantee the safe arrival of packages at destination. If a package fails to reach a customer, we will send again as soon as informed of the fact.

CHANGE OF ADDRESS.—Should you make any change from your present address, we will esteem it a favor if you will notify us, so that we can forward our Catalogues with regularity.

DUPLICATE CATALOGUES.—Sometimes customers will receive our Catalogue twice by mistake, in such cases kindly hand it to some friend who would be likely to be interested.

RECOMMENDATION.—The favor of your kind recommendation of our firm to any friend in want of seeds or bulbs, is respectfully solicited.

ERRORS.—We take the utmost care in filling orders, always striving to do a little more than even-handed justice. Should an error occur, we desire to be promptly informed, and will take pleasure in making satisfactory corrections.

SATISFACTION GUARANTEED.—We realize most fully that in the seed business—more so than in any other—"a pleased customer is the best advertisement," and our undivided attention is given to satisfying our patrons, so that they shall remain with us permanently. From past experience we are confident of our ability to please the most fastidious, and all we ask of those who have not yet dealt with us is to send us a trial order and be convinced of the superior quality of our seeds, and our fair and square method of doing business.

QUALITY.—Our seeds are Fresh, Clean, Tested and Reliable. Our facilities for handling seeds are unsurpassed, and we take the greatest precautions to avoid error—every safeguard that human ingenuity can devise in system and improved appliances is used, regardless of expense, to ensure correctness.

OUR PRICES.—The cheapest seeds are not always the best, but the best seeds are always the cheapest. Our seeds are as low in price as is consistent with the best quality.

FREE BY MAIL.—All vegetable and flower seeds, in packets and ounces, are sent free by mail, when ordered at Catalogue prices. Pounds and quarts are figured without delivery charges, and postage must be added to cover same, if wanted by mail.

DISCOUNTS ON PACKETS.—To encourage our patrons to form clubs, we offer the following liberal premiums on ALL SEEDS IN PACKETS ordered at Catalogue prices:

On all orders for seeds in packets the purchaser may select **TWENTY-FIVE CENTS' WORTH EXTRA FOR EACH ONE DOLLAR SENT US.** Thus, any one sending us \$1.00, can select seeds in packets amounting to \$1.25; for \$2.00, seeds in packets to the value of \$2.50; for \$3.00, to the value of \$3.75, and so on. Please tell you friends of our liberal offer. This discount applies only to seeds in packets.

ORDER EARLY! ORDER LIBERALLY!

RARE FREE BLOOMING CACTUS

THE QUEEN CACTUS.

PHYLLOCACTUS LATIFRONS.

This is certainly the most desirable large-flowering Cactus in existence. It is of rapid growth, sure to bloom, and easy to manage, bears flowers often 10 inches across, delightfully fragrant, and pure white in color. Grows anywhere. 25c., 50c. and \$1.00 each, according to size.

TEN CURIOUS CACTUS PLANTS BY MAIL FOR \$1.00.

CACTUS require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. No wonder they have become all the rage, for their flowers, which are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. In winter they require scarcely any water. We send by mail 10 fine plants of blooming size, each one distinct and named, for \$1.00; 5 for 50c. They will certainly please you.

THE KING CACTUS.

PHYLLOCACTUS ACKERMANNI.

A magnificent day bloomer, with flowers 5 to 6 inches across, of the most brilliant crimson color imaginable. Blooms first year. One of our best. 25c., 50c. and \$1 each, according to size.

PHYLLOCACTUS ROSEA.

Flowers pink. 25c., four distinct sorts for 75 cents.

GOOSEBERRY CACTUS.

(ECHINOCACTUS SIMPSONI.)

A remarkably free bloomer. Distinct in color, being a rich crimson. Flowers followed by edible fruit. Hardy, standing a temperature of 40 degrees. 20 cents.

SILVER SPINES (Opuntia Emoryi.) Has broad snow-white spines. Fine dwarf. Large yellow flowers. Perfectly hardy anywhere. A very rare sort, and perhaps the finest Opuntia. 20c.

RAINBOW CACTUS.

This Cactus deserves the first place in every collection, for beauty of spines, which are bright pink, red, and white, in alternate rings, and for brilliancy of flowers it has no equal. Crimson-violet, shading to white, remain many days. 30c., 50c. and \$1.00, according to size.

LITTLE FISH HOOK

(ECHINOCACTUS SETISPINUS.)

One of the very best bloomers to be had; it blooms from summer till late in the fall. Large flowers, yellow, with beautiful red centre. Place in the sun while blooming. 20c. to \$1.

CANDLE CACTUS (Opuntia lurida). Is extremely handsome, not often found in collections. Large branching plants, the spines of which glisten in the sun. Large yellow and purple flowers, freely produced. 20 cents each.

LIVING ROCK (Anhalonium fissuratum.) Looking at this curiosity, no one would think it was a plant. Looks like a piece of carved woodwork, on which days of labor have been spent. So tenacious of life is it that it need not be watered more than once a month. When in bloom it is yet more attractive. Sold elsewhere at \$2.00 to \$5.00 each. Our price is 50 cents each.

CEREUS TRIANGULARIS. Stock three angled; flowers very large, white; sepals green. 20 cts.

CACTUS SEED.

There is a great deal of pleasure to be obtained in growing Cacti from seed even if they are of slow growth. Our collection embraces some 25 varieties of the best sorts; sure to make a nice display and to form a beautiful collection. Large

pkts. of 25 varieties, mixed, 15c.

CEREUS GRANDIFLORA

NIGHT-BLOOMING CEREUS.

Flowers enormously large, and of rarest beauty. Pure white, and opening only at night. 20 cents.

This is the true Queen of Night.

SPECIAL OFFER.

The 24 Rare Cacti on this page would cost, at lowest prices, \$5.15; but we will send the entire number to one address for \$4.50 or without the Pilocereus for \$3.75.

STAPELIA Star Fish Cactus. Stapelia, which we illustrate herewith, bears beautiful and very large flowers, leathery texture, buff yellow with maroon markings, of wonderful construction. Astonishes with its profusion of bloom and distinct character. It grows with the greatest ease in any kind of soil, and flowers when quite small. Price 20 cents.

EPYPHILLUM TRUNCATUM.

Plants of low spreading habit. Flowers are crimson-scarlet. Winter bloomer. 20c.

THE OLD MAN CACTUS

(Pilocereus Senilis.)

Most wonderful curiosity, a living plant covered with white, silky hairs, often drooping below the edge of the pot. It never fails to attract the greatest attention. Fine specimens at \$3.00, \$5.00 or \$10.00 each. Nice young plants \$1.00 each.

Best of all POLE BEAN

CHICAGO
PICKLE
CUCUMBER

CHICAGO PICKLE CUCUMBER

unsurpassed in quality - pkt 5¢
enormously productive. - oz. 10¢

BOYACCORD SCOTCH CURLY KALE pkt. 5¢
oz. 15¢

The finest Curly Kale in cultivation.

IMPROVED PROLIFIC BLACK WAX BUSH BEAN

Greatly improved strain, extra early
Stringless, very heavy cropper.

pkt. 10¢ 3pkt. 25¢

GOLDEN EYED WAX BUSH BEAN

Extremely early, very productive and superb
quality, rust proof and free from spot.
A splendid new bean.

pkt. 10¢ 3pkt. 25¢

The earliest, most productive, and most delicious
of all green-podded pole beans. pkt. 10¢ 3pkt. 25¢