

ESTD. LABORATORY

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Department of Agriculture

1900

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BUREAU OF PLANT INDUSTRY
DEPARTMENT OF AGRICULTURE



The
HARNDEN SEED CO.
505
WALNUT ST.

KANSAS CITY, Mo.

TELEPHONE, 1618.

Crimson Rambler. — *This wonderful rose is the most remarkable and unlooked for novelty in hardy roses introduced in many years. It begins to flower about the middle of June, and remains in flower longer than any other hardy outdoor rose. It blooms in large clusters, with from 50 to 100 flowers in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. Any description would fail to give an adequate idea of its beauty. When pegged down or grown as a bush, it is equally desirable, producing in marvelous profusion innumerable trusses of flowers, pyramidal in form and in color a rich, glowing crimson—an effect so strikingly beautiful as to baffle description. When in full bloom it is a vivid crimson mass of beauty. In Japan where it originated, Crimson Rambler is known as "the Cherry" Rose, so bright are its flowers. Grown as a pot plant on a trellis it is extremely valuable. No yard or garden in the land should be without Crimson Rambler. Crimson Rambler is perfectly hardy, and is also a strong, robust grower, making it suitable for all purposes where a rose can be grown.*

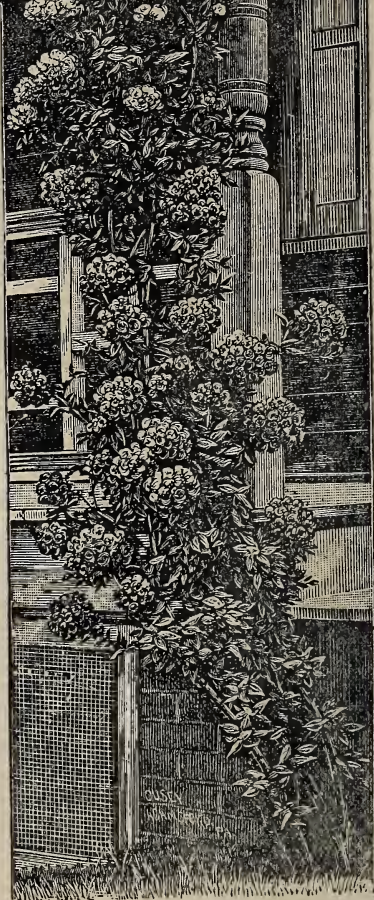
Strong two-year old plants, only 50c; post-paid 60c.



Yellow Rambler. The flowers are borne in immense clusters, after the same manner as the Crimson Rambler, often as many as one hundred and fifty blossoms, in a bunch, and the trusses have the same pyramidal shape as those of the Crimson Rambler. The color is a decided yellow.



Rudbeckia or Golden Glow.



Crimson Rambler.

GOLDEN GLOW. — This is one of the grandest hardy yellow flowering plants ever introduced, particularly valuable for garden, lawn and park planting; grows six to eight feet high graceful, branching habit, and pretty foliage. Blooms during July and August the first season, and bears immense masses of large round, golden yellow flowers, perfectly double like roses and two or three inches across, covering the whole plant with a sheet of splendid golden yellow flowers for weeks. It is easy to grow and sure to bloom, and cannot be too highly recommended as one of the most showy and handsome ornamental plants ever introduced. The flowers are borne by hundreds on long graceful, nodding stems, just right for cutting. Do not forget to include it in your order, it is a plant that will please you. Price 20c each, 2 for 35c. Plants will be ready about April 1st.

TESTED VEGETABLE SEEDS.

In handing you our Catalogue for the season of 1900, we call your attention to the following

DISCOUNTS.

1.—ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in PACKETS AND OUNCES at the following discounts:

When sending \$1.00, to the value of \$1.25

When sending \$3.00 to the value of \$3.75

When sending 2.00, to the value of 2.50

When sending 4.00 to the value of 5.00

When sending \$5.00 to the value of \$6.25

These discounts DO NOT APPLY to seeds sold in larger quantities than one ounce, nor on collections, bulbs, plants or tools. For all of these the published price must be sent.

2.—ON SEEDS IN BULK.—From catalogue prices by the $\frac{1}{4}$ pound, pound, peck or bushel (except on grass, clover and other field seeds) when cash is sent with order, purchaser may deduct 5 per cent. on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$5.00 to \$10.00.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts, except where noted. If the purchaser will pay the freight or express charges, 10 cents per pound, 15 cents per quart and 10 cents per pint may be deducted from the prepaid prices herein offered.

Special Prices on Application, on Seeds in Large Quantities.

In Remitting SEND MONEY by Express, Kansas City Draft, Registered Letter or P. O. Money Order; we also take postage stamps to any amount. Do not ask us to send goods C. O. D. It is more expensive to both parties and we would be obliged to refuse.



Jerusalem Artichoke.

ARTICHOKE.

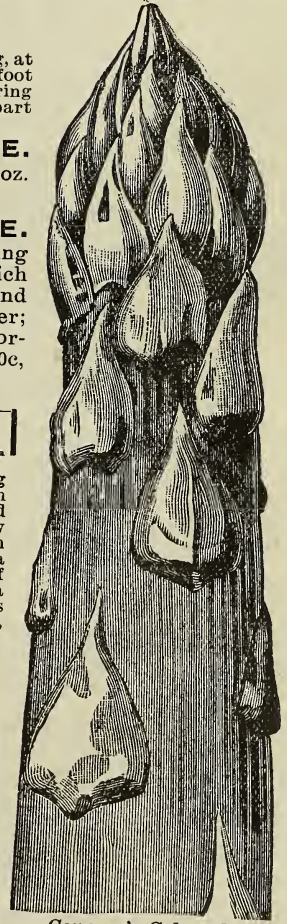
CULTURE—Sow early in the Spring, at intervals of four inches, in drills one foot apart, transplanting the following Spring to permanent bed in drills three feet apart each way.

LARGE GREEN GLOBE.

Large globular heads. Pkt. 5c, oz. 30c, $\frac{1}{4}$ lb. 85c.

JERUSALEM ARTICHOKE.

Unlike the common Artichoke, being grown exclusively for tubers, which somewhat resemble potatoes, and are cultivated in a similar manner; used mostly for feeding hogs, enormously productive. Per pk. 30c, bu. 90c, not postpaid.



Conover's Colossal.

ASPARAGUS.

We Pay the Postage.

CULTURE. The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds five feet wide, three rows in a bed, the outer being each one foot from the edge, and allow 12 inches in the row; set the plants with roots well spread, about six inches below the surface. After the plants are well started give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure be applied, and in the spring forked in, after which one quart of salt to each square rod put on the ground will be found very beneficial. For market on a large scale, set four feet apart one way, and one and one-half the other. To grow plants from seed, sow in drills 1 inch deep, in rows one foot apart; soak the seed before planting.

CONOVER'S COLOSSAL. A productive and popular sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 20c.

PALMETTO. Earlier than the Colossal. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 20c.

COLUMBIAN MAMMOTH WHITE. A new variety with white shoots, stays white without earthing up or blanching. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 25c

ASPARAGUS ROOTS. One year old, 100 75c, 1000 \$5.00; 2 years old 100 \$1.00, 1000 \$6.00; not prepaid.

BROCCOLI.

CULTURE. Requires in all respects same treatment as cauliflower, which it resembles.

LARGE WHITE. Per pkt. 5c, per oz. 25c, per $\frac{1}{4}$ -lb. 75c.

BRUSSELS SPROUTS.

CULTURE. Sow the seed in May in the same manner as Cauliflower; transplant in July in rows three feet apart, plant one foot apart in rows.

DWARF IMPROVED. Per pkt. 5c, per oz. 15c, $\frac{1}{4}$ -lb. 35c.



Improved Prolific Black Wax.

WARDWELL'S KIDNEY WAX. Ripens as early as the Golden Wax; vines large and strong; handsome golden-yellow, long flat pods. Pkt. 10c, pt. 30c, qt. 45c, prepaid; per pk. \$1.75.

CRYSTAL WHITE WAX. Similar to Dwarf White wax in size of pod and color, but nearly round. Small white. Pkt. 10c., pt. 25c., qt. 40c., prepaid; pk. \$1.50. (Crop failure.)

GREEN POD VARIETIES.

When not otherwise priced, pkt. 10c, pt. 25c, qt. 40c. postpaid; pk. \$1.35, not prepaid.

EARLY MOHAWK. A hardy and productive string bean. Pods broad and flat.

EX. EY. YELLOW SIX WEEKS. Similar to Mohawk; seeds yellowish drab. Pods long; straight and when young, of good quality.

EX. EY. REFUGEE. Used for pickling; pods long, cylindrical. Pkt. 10c, pt. 25c, qt. 40c, post paid; pk. \$1.75. (Crop short.)

BEST OF ALL. A valuable green pod variety. Good for market or family use. Pods, straight, handsome and very brittle.

HORTICULTURAL DWARF. Boston Favorite or Goddard. A good shell bean, highly priced for baking.

NEW STRINGLESS GREEN-POD BUSH BEAN

The earliest of all Green-Podded Bush Beans.

The only absolutely stringless green-podded Bean in the market. The pod is round, full and larger and straighter than that of the Red Valentine. In quality it is superior to most other Bush Beans. No gardner can afford to miss planting this bean; it is the best Dwarf Green Round Podded Snap Short ever offered. Pkt. 10c, pt. 30c, qt. 50 postpaid; pk. \$2.



Improved Round Red Valentine.

IMPROVED ROUND POD RED VALENTINE. (Crop very short.) We believe this to be the very best green podded bean yet produced. Handled almost exclusively by market gardeners as green podded bean. Round brittle pods. Matures early and of the finest quality. Pkt. 10c, pt. 30c, qt. 45c, pk. \$1.75.

WHITE NAVY. Standard variety for field culture only. Per pkt. 10c, per pt. 20c, per qt. 35c, postpaid; per pk. 75c, per bu. \$2.50, not prepaid.

WHITE MARROW. Similar to White Navy only larger. Pkt. 10c, per pt. 20c, per qt. 35c, postpaid; per pk. 75c, per bu. \$2.50, not prepaid.

BURPEE'S BUSH LIMA. The bushes grow from 18 to 20 inches high, of stout growth and always erect (yet branching so vigorously that each plant develops into a magnificent circular bush, from 2 to 3 feet in diameter). It is an immense yielder, each bush bearing from 50 to 200 of the large handsome pods, well filled with very large beans, which are identical in size and luscious flavor to the well known large Pole Limas. Per pkt. 10c pt. 30c qt. 50c post paid; pk. \$2.00, not prepaid.

HENDERSON'S BUSH LIMA. Grows without poles in compact bush form, about 18 inches high. Very productive; two weeks earlier than any of the pole Limas. Per pkt. 10, pt. 25c. qt. 40c, postpaid; pk. \$1.75, not prepaid.

BUSH BEANS.

YELLOW POD VARIETIES.

GOLDEN WAX. Old standard variety; seeds nearly round, purple and white; rich flavor, tender and stringless. Per pkt. 10c., per pt. 25c., per qt. 40c., postpaid; per pk \$1.50.

IMPROVED PROLIFIC BLACK WAX. Beans small jet black; pods waxy yellow, round, very tender and productive. This bean is more extensively used by the market gardeners than any other variety of the wax bean. Pkt. 10c.

pt., 25c, qt.
40c, prepaid:
pk. \$1.75.
(Crop very short.)

WE PAY THE POSTAGE.



Wardwell's Kidney Wax.

POLE OR RUNNING BEANS.

WHITE CREASEBACK. Large long stringless pods, growing in clusters of from six to twelve. A good corn hill bean. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$1.75, not prepaid.

DUTCH CASE KNIFE. One of the earliest pole beans; pods long and flat; beans white, of excellent quality green or dry. Pkt. 10c, pt. 30c, qt. 50c, postpaid; Pk. \$1.75, not prepaid.

SPECKLED CUT SHORT OR CORN HILL. Will grow when planted among corn, without poles; good cropper and very popular. Pkt. 10; pt. 30; qt. 50c postpaid; pk. \$1.75 not postpaid.

LAZY WIFE. Pods grow from 6 to 8 inches long, of a rich buttery flavor, entirely stringless. Bean white and unsurpassed for winter use. Pkt. 10c; pt. 30c; qt. 50c postpaid; pk. \$1.75 not postpaid.

KENTUCKY WONDER OR OLD HOME-STEAD. An early and very prolific sort. Pods green, very long, often reaching nine or ten inches, borne in clusters, excellent for snaps. Crop very short. Pkt. 10c, pt. 30c, qt. 50c, post paid; pk. \$1.75, not prepaid;

GOLDEN CLUSTER WAX. Pods thick and fleshy of golden yellow color; large size, from 6 to 8 inches long. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$1.75, not prepaid.

LIMA BEANS.

LARGE WHITE LIMA. A late standard variety, too well known for description. Pkt. 10c; pt. 30c; qt. 50c postpaid; pkt. \$1.75 not postpaid.

KING OF THE GARDEN LIMA. Pods very large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt. 10c, pt. 30c, qt. 50c, postpaid; pk. \$1.75, not prepaid.

We pay the Postage.

BEETS.

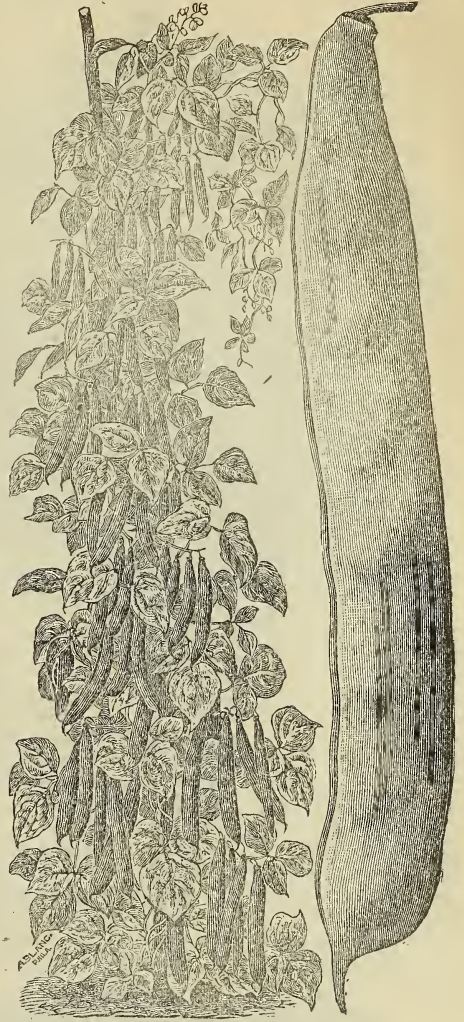
Rothe Rueben, Ger.
Betterave, Fr.

CULTURE.—Cultivation has more effect in the quality of this than of most any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by the application of well rotted manure. Sow in drills 18 inches apart and one inch deep; thin to 4 inches apart. For winter use the turnip varieties may be sown in June.

PRICES are for seeds *post paid* by mail; if ordered by express or freight at your expense, deduct 10c per lb. Per pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 60c; 5 lbs. \$2.50.

EGYPTIAN. Earliest deep red variety grown. Favorite sort for market gardeners. The best variety for forcing.

ECLIPSE. Maturing next to the Egyptian; roots of a deep red, very smooth; Preferred by many to the Egyptian.



White Creaseback.

DEWING'S EARLY BLOOD TURNIP. Deep blood red turnip shape.

IMPROVED EARLY BLOOD TURNIP.

Old standard variety, fine form, next to the Eclipse in earliness.

EDMUND'S EY. BLOOD TURNIP,

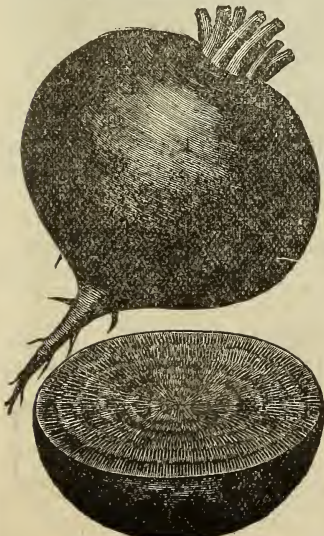
A selected strain of blood turnip beet; a deep blood red in color, with small tops; handsome appearance; a favorite with market gardeners.

LONG SMOOTH DARK BLOOD.

Excellent late variety.

SWIS CHARD.

Grown for its leaves only. Cooked and served same as asparagus or spinach.



Dewing's Early Blood Turnip.



Edmund's Early Turnip Beet.

MANGEL WURZEL.

CULTURE.—Sow the seed during April and not later than the last of May. Plant one inch deep in drills from 2 to 2½ ft. apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 lbs. to the acre. When the plants are three inches high, thin out with the hoe to 10 to 12 inches. Cultivate well and often but discontinue as soon as the roots have commenced to form.

The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c, 5 lbs. \$1.75, postpaid.

HARNDEN SEED CO'S MAMMOTH LONG RED. The roots are very large, uniformly straight and well formed, grows partly above ground. A heavy cropper, frequently producing forty tons to the acre. It is the best long red mangel and of the greatest value for stock feeding.

CHAMPION YELLOW OR ORANGE GLOBE. Much esteemed for its smooth globe shaped roots, which grow to a large size; flesh white; an excellent keeper.

GOLDEN TANKARD. One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow.

SUGAR BEETS.

VILMORIN'S IMPROVED SUGAR. An improved French sort, containing the largest per cent of sugar of any known variety,

and therefore the most desirable beet for the sugar factory. In size it is medium yielding from 10 to 16 tons per acre, and containing from 16 to 18 per cent of sugar. It grows below the surface.

CABBAGE.

EARLY SPRING CABBAGE. Nearly as early as the Wakefield and more productive. This famous Extra Early French Cabbage (Early Paris Market) is the type of the Early All Head, resembling it in habit of growth, but it is smaller and nearly as early as the Wakefield. It is round in shape, slightly flattened and very solid. On account of

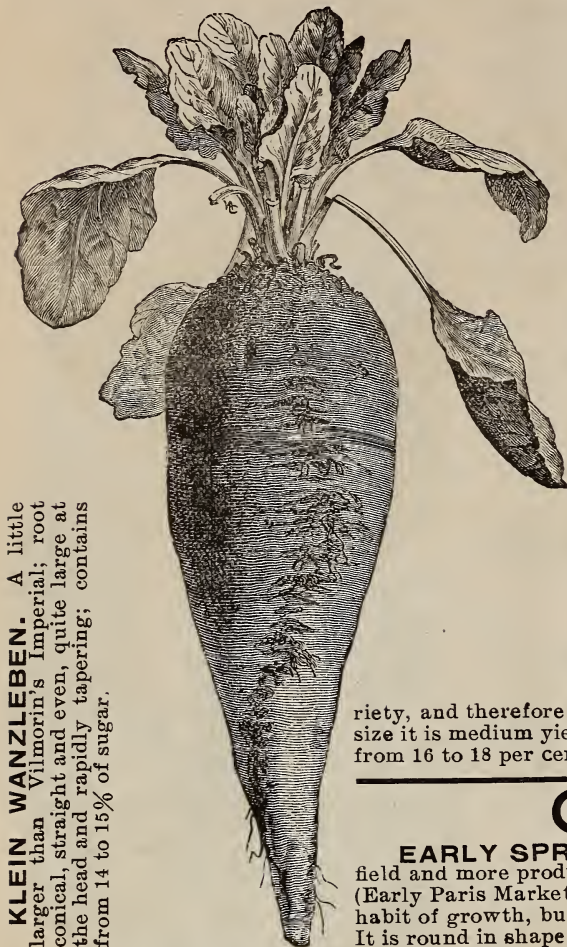
its shape, productiveness and solidity, and following the Wakefield so closely, growers will find the Early Spring a more profitable variety. Market gardeners cannot do without it. The seed we offer is grown by the originator; pkt. 5c, oz. 30c, ¼ lb. \$1.

ALLHEAD EARLY. The best early flat head cabbage. The deep, flat heads are remarkably solid, and the most uniform in color, shape and size of any variety. The heads grow so compactly and free from spreading leaves that fully one thousand more cabbages can be grown on an acre. Pkt. 5c, oz. 25c, ¼ lb. 75c, lb. \$2.50.

EXTRA EARLY JERSEY WAKEFIELD. Selected strain. Grown only from selected heads the favorite variety for both market gardeners and general use; pointed heads, the best early sorts. Per. pkt. 5c, per oz. 30c, per ¼ lb. \$1.00 per lb. \$3.50 (Crop Failed).

HENDERSON'S EARLY SUMMER. Forms a large solid, compact head of excellent quality. Per pkt. 5c, per oz. 25c, per ¼ lb. 75c, per lb. \$2.25.

EARLY WINNINGSTADT. One of the surest headers grown; cone shaped and remarkably



KLEIN WANZLEBEN. A little larger than Vilmorin's Imperial; root conical, straight and even, quite large at the head and rapidly tapering; contains from 14 to 15% of sugar.

Harnden Seed Co., Mammoth Long Red.



Early Spring Cabbage.

hard and solid. Per pkt. 5c, per oz. 20, per ¼ lb. 50c, per lb. \$1.50

EARLY FLAT DUTCH. A standard second early variety; heads round flattened and of excellent quality. Pkt. 5c, oz. 20c, ¼ lb. 60, lb. 2.00.

SURE HEAD. Remarkable for its certainty to head; it produces large round flattened heads which are very hard. Pkt. 5c, oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

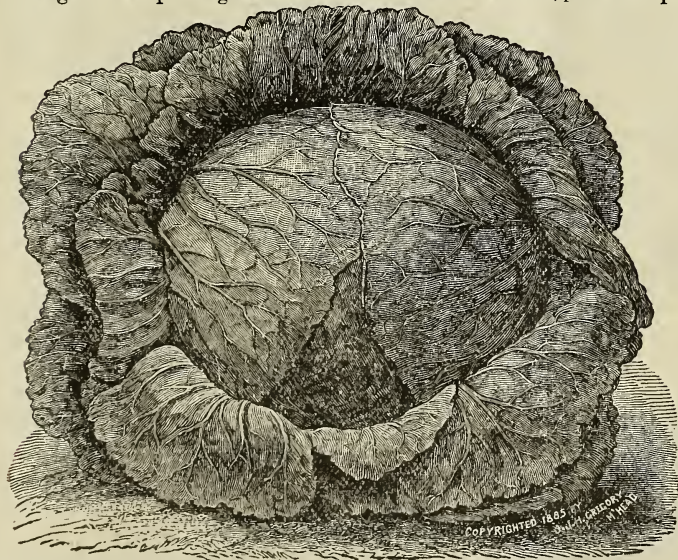
REMEMBER
WE PAY
THE POSTAGE.



Harnden's Large Heading Wakefield, (Photographed from Cabbage grown by Mr. Henry Smith.)

HARDEN'S LARGE HEADING WAKEFIELD. Similar in every respect to the Jersey Wakefield, except that it is very much larger, and not quite so early. Heads not quite as much pointed. This has given the best of satisfaction on our Kansas City market. Per pkt. 5c; oz. 30c; ¼ lb. \$1.00; lb. \$3.50 (Crop Failed). (Remember this variety does not grow very uniformly in shape.)

ALL SEASONS. Solid, compact; nearly or quite as early and larger than Henderson's Summer. Has given surprising satisfaction. Pkt. 5c. oz. 25c. ¼ lb. 75c. per lb. \$2.50.



Louisville Drumhead.

Valuable acquisition for second early variety. Pkt. 5c; 1 oz. 25c; ¼ lb 75c; per lb \$2.50.

HARDEN'S PREMIUM LARGE LATE DRUMHEAD. Round large compact heads; good for fall and winter use. Pkt. 5c; 1 oz. 25c; ¼ lb 60c; lb. \$2.00

HARDEN'S PREMIUM LARGE LATE FLAT DUTCH. We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons, and has given universal satisfaction to every one who has tried it, maturing well in our climate and produces large and compact heads. For general crop this variety cannot be excelled. Pkt. 5c; oz. 25c; ¼ lb 75c; lb. 2.50.

EARLY ULM SAVOY. Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. Pkt 5c; oz. 25c; ¼ lb. 70c; lb. \$2.00.

DARK RED ERFURT. Earlier than the Red Dutch, a most excellent sort for pickling. Pkt 5c; oz. 25c; ¼ lb. 70c; lb. \$2.00.

IMPROVED RED DUTCH. (Red Drumhead.) Used exclusively for pickling; heads flat and solid; color deep purple. Pkt 5c; oz. 25c; ¼ lb. 70c; lb. \$2.00.

LOUISVILLE DRUMHEAD.

Large late variety; well adapted to growing in Southern latitudes, and a great favorite among market gardeners. Pkt. 5c. oz. 25c, ¼ lb 75c. per lb. \$2.50.

MARBLEHEAD MAMMOTH DRUMHEAD.

Late variety the largest cabbage grown, heads often weighing more than 20 pounds. Pkt, 5c, oz. 25c, ¼ lb. 60c, 1 lb. \$2.00.

VANDERGAW. This valuable variety is the result of many years selection by Mr. Vandergaw, a well known Long Island market gardener. One of the best varieties for general crop. If planted early it is ready for use nearly as early as Early Summer, while with late planting it can be used for fall or winter, being of large size and very solid. Pkt. 5c, oz. 25c ¼ lb. 75c, per lb. \$2.50.

HENDERSON'S SUCCESSION.

This cabbage is called a late although but very little later than Henderson's Early Summer; larger size, however, and a sure header. Val-

CARROT.

CULTURE. Sow seed thinly in drills $\frac{1}{2}$ to one inch deep early in spring, making several sowings to afford a succession. For garden culture, sow in rows 16 to 18 in. apart and for field culture 18 to 24 in. When well started, thin out the early sorts to 8 to 10 to the foot and late varieties to 4 to 6 in. apart in the row. A sandy loam made rich by manuring the previous year is the best soil. One ounce of seed to 100 ft. of drill; 3 to 4 lbs. per acre.

GUERANDE HALF-LONG or **OX-HEART** (Stump-rooted,) Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c, 1 lb. 75c.

EARLY HALF-LONG CARENTAN. (The best bunching carrot.) A new deep scarlet variety, without core. It is excellent for forcing; of fine quality and perfect shape. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

CHANTENAY. A stump rooted variety, somewhat resembling the well known Nantes carrot, but having a larger shoulder and being more productive



Chantenay Carrot.

flesh deep orange color, solid, tender and of excellent flavor.

Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.



Danvers.

HALF-LONG SCARLET, pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

DANVERS. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

IMPROVED LONG ORANGE. Grown for stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 60c.

WHITE BELGIAN. Grown for feeding stock; Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 15c, 1 lb. 50c.

The last two sorts are largely grown in Europe for feeding stock, especially horses, by whom they are much relished. They grow about 20 inches long, partly above ground, which renders the harvesting very easy; are enormously productive, keep well and are very nutritious.

CAULIFLOWER.

CULTURE.—Early sorts are grown in January and February in hot beds, and transplanted once before setting out in the open ground. Avoid planting in land in which cabbage, turnips or any crop of that nature has been grown. When heading, tie the leaves on the top together to protect the crown from exposure to the sun. Water frequently, especially when heading.

No seed is more important than this as every gardener knows. It is one of the seeds in buy which PRICE should never be questioned.

EXTRA EY. DWARF ERFURT. A favorite early market variety; very early, compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. Our stock is imported direct from Erfurt (Germany.) Per pkt. 25c, per oz. \$3.00.

EARLY SNOWBALL. Esteemed by market gardeners for its earliness and heading qualities, producing large, solid pure white heads; dwarf in habit and as early as any; one of the best sorts for forcing. Pkt. 20c, oz. \$2.75.

EXTRA EARLY PARIS. Short stalks and large leaves; heads large, white and compact. Pkt. 10c, oz. 75c.

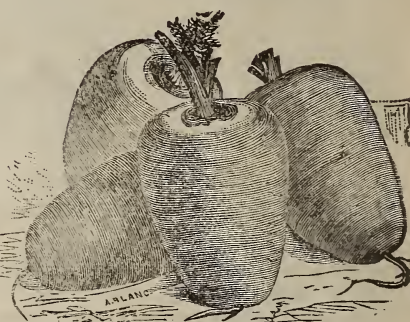
ALGIERS. A fine variety; sure to head, and one of the largest and best for late use. Pkt. 10c, oz. 75c.



Extra Early Dwarf Erfurt.



Early Half-Long Carentan.



Guerande Half-Long or Ox-Heart.

CELERY. Remember Our Prices Including Prepayment by Mail.

CULTURE.—Sow in drills and tread the seed firmly in; thin out to an inch apart, and keep the ground well worked and free from weeds; shade the young plants for a week or ten days and do not let the soil dry out. In order to secure stocky plants, cut off the tops once or twice before transplanting, which should be done before July, after the plants have attained a height of four to six inches.

BOSTON MARKET. Very dwarf and branching. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. \$1.50.

DWARF GOLDEN HEART. One of the best keepers through the winter. Pkt. 5c oz. 20c; ¼ lb. 40c; 1 lb. \$1.50.

WHITE PLUME. This handsome sort is valued because, naturally, the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is not so good a keeper as the Golden Heart, but it is unsurpassed for all use and the earliest celery in the market.



White Plume.

Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$2.00.

GOLDEN SELF-BLANCHING.

Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Pkt. 10c; oz. 25; ¼ lb. 75c; 1 lb. \$2.50.

NEW GIANT PASCAL. Grows about two feet high; the stalks are very broad, thick and crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. It bleaches very easily and quickly. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.75.



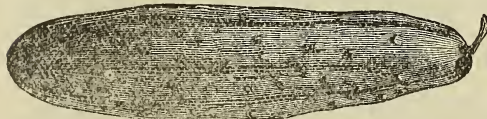
Celeryac or Turnip-rooted Celery.

CELERIAC OR TURNIP-ROOTED CELERY. (Knollen Sellerie, Ger.)
LARGE ERFURT. The root is turnip-shaped. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. \$1.75.

CUCUMBER.

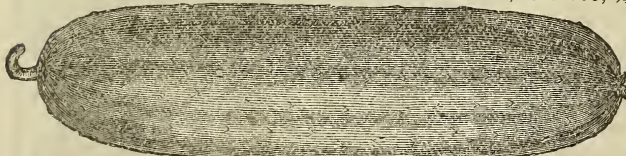
Use Hammond's Slug Shot to kill bugs; 5 lbs. 35c; 10 lbs. 65c, not prepaid.

WESTERFIELD'S CHICAGO PICKLE. This splendid variety was originated and selected by a prominent Chicago pickle grower, and is now preferred for pickling by almost every large pickle factory of that city. The fruit is short, straight and of a fine deep green, and is crisp and tender in quality. Our seed is grown from the originator's stock. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c.



Improved Long Green

IMPROVED LONG GREEN. A standard late sort; fruit dark green, firm and crisp; unequaled by any other variety; good variety for pickling and market purposes. Pkt. 5c; oz. 10c; ¼ lb. 20c; 1 lb. 60c.



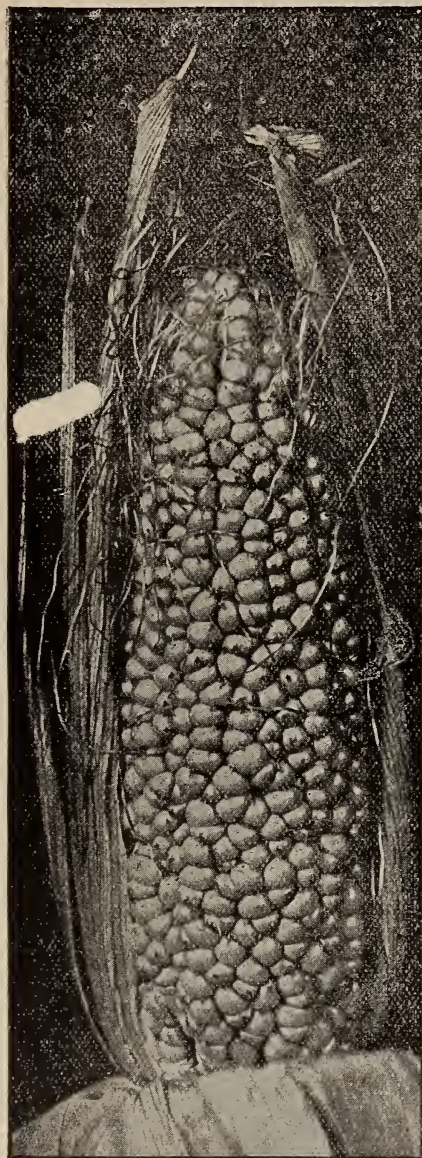
Evergreen White Spine.

IMPROVED WHITE SPINE. For both market use and pickling; now more largely grown than any other variety. Very early; from 6 to 8 inches in length. Pkt. 5c, oz. 10c; ¼ lb. 20c; 1 lb. 60c.

EVERGREEN WHITE SPINE. This sort is fast becoming the favorite with market gardeners both for forcing and outdoor culture. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. It grows extra long, is of handsome and smooth shape, very early and prolific. Good shipping sort. Pkt. 5c; oz. 10c; ¼ lb 20c; 1 lb. 60c.


Early Cluster.....	Pkt. 5c	oz. 10c	¼ lb. 20c	lb. 50c	Postpaid.
Ey. Frame or Short Green.....	"	"	"	"	
Peerless White Spine.....	"	"	"	"	
Tailby's Hybrid.....	"	"	"	"	
Green Prolific.....	"	"	"	"	
Gerkin.....	"	"	"	"	
Japanese Climbing.....	"	15c	25c	75c	

Use "SLUG SHOT" to kill the Bugs, Lice etc. 1 lb. 10c, 5 lbs. 35c, 10 lbs. 65c.




Country Gentleman.

SWEET CORN.

 We Pay the Postage.

PRICES QUOTED below are for packets, pints and quarts only prepaid; by peck or bushel we deliver at the express or freight office, the purchaser to pay transportation charges. Each variety below, unless otherwise priced is per pkt. 10c. pt. 20c; qt. 30c, post paid, Per pk. 75c per bu. \$2.50



 Early White Cob Cory.

EX. EY. ADAMS. Not a sweet corn but very early.

EARLY ADAMS. Same as above but not as early.

EARLY WHITE COB CORY. Selected for white cob and white kernels, from the original and earliest Cory, and is now a good length ahead of all the crack earlys, no matter what their names are. For a strictly first-class early, for first market and home use, try the Early White Cory. The largest and best Ex early sweet corn. Pk. 90c; bu. \$3.25.

EARLY MINNESOTA. An old and popular market sort. Stalks short, bearing one or two long eight-rowed ears; coming into bearing a little earlier than the Early Adams.

SHAKER'S EARLY. Matures about the same time as the Minnesota; kernels are large and pearly white. The quality is faultless; excellent for canning factory.

EARLY BONANZA. As early as Minnesota, while the ears are much larger. It is exceedingly productive, bearing two or three good sized ears to a stalk.

EARLY MAMMOTH. A good medium late variety.

EARLY CHAMPION. Ten and twelve rowed and pure white in color. Its earliness and large size will certainly make it one of the most desirable for market or home use.

COUNTRY GENTLEMEN SWEET CORN. In this we offer our customers a medium late variety of Sweet Corn, which we consider not only one of the very best for private use, but the sweetest and most tender of all Sweet Corn. The ears are from 5 to 7 inches in length; the kernels are very deep, placed irregularly but compactly on the cob, the cob itself being very small. Per pkt. 10c; pt. 20c; qt. 30c; post-paid; per pk. 90c; bu. \$3.25 not prepaid.

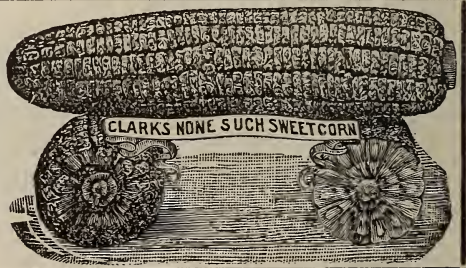
STOWELL'S EVERGREEN. Used more generally than any other variety; one of the latest and claimed by many to be the sweetest corn grown; will keep green until frost.

MAMMOTH LATE. Produces the largest ears of all.

OLD COLONY. (Also Called Landreth's Sugar) A variety of the evergreen type, which it resembles very closely but about ten days earlier; it is thought by many to be the st late sort for all purposes, and remains in marketable condition much longer than the average corn. We can recommend this variety to every gardener.

EGYPTIAN. Later than the Mammoth, and ten days later than the Evergreen.

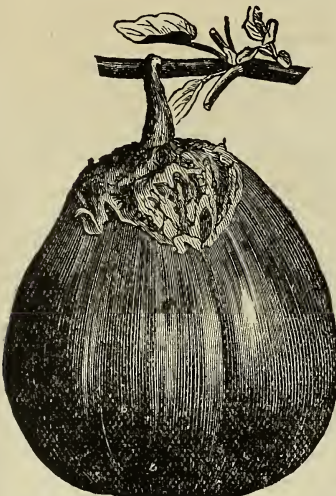
CLARK'S NONE SUCH. (The Earliest Large Sweet Corn.) This variety is without question the earliest large sweet corn grown, being only a few days later than the first early sorts, and well deserves its name; 'None Such.' The ears are nearly as large as the late Mammoth varieties, being nearly twelve inches long and compactly filled from end to end. We cannot recommend this variety too highly to our market gardeners. Pkt. 10c; pt. 20c; ¼ bu 90c; bu \$3.25.



POP CORN.

GOLDEN QUEEN. In ear, per lb 20c, post-paid. Per 100 lbs. shelled, \$4.00 not prepaid.

WHITE RICE. In ear, per lb. 20c; postpaid; per 100 lbs, shelled, \$4.00, not prepaid.



New York Improved.

CORN SALAD. Acker-Salat, Ger. Mache, Fr.

LARGE ROUND. Pkt. 5c, per oz. 10c, ¼ lb. 25c.

CRESS OR PEPPER GRASS. Kresse, Ger Cresson, Fr

DOUBLE CURLED. The best variety, and can be cut several times. Pkt. 5c; oz. 10c, ¼ lb. 20c, 1 lb. 75c.

TRUE WATER. Should be sown near the edge of running streams; a perennial aquatic. Pkt. 10c, oz. 35c, ¼ lb. \$1.00.

CHICORY. Chicori. Ger. Chicoree, Fr.

CULTURE. Sow in drills half an inch deep, in rich, mellow soil; the after culture being the same as recommended for carrots.

LARGE ROOTED. Roots of fine form, the chicory of commerce. used to adulterate coffee. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. 90c.

EGG PLANT.

CULTURE. Sow in March or April in a hot bed; transplant when two inches high into a second hot bed, or let them remain and thin out to four inches apart. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground, two and a half feet apart, each way. One ounce to 1500 plants,

NEW YORK IMPROVED. The best in cultivation; large round, dark purple, and very productive. Pkt. 10c, oz. 40c, ¼ lb. \$1.25.

ENDIVE.

CULTURE. For early use sow in April. For the main crop sow in June and July, and when up an inch or two transplant to one foot apart each way.

GREEN CURLED. Very hardy, with dark green curled leaves; tender and crisp, pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25

MOSS CURLED. Handsomely curled; fine quality; a desirable sort. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

BROAD LEAVED BATAVIAN. Large heads of broad thick leaves; if bleached the inner leaves make a fine salad. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

KALE OR BORECOLE.

Gruenkohl, Ger. Chou-Vert, Fr.

CULTURE. Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September, 2 lbs. per acre in drills; 3 lbs broadcast.

DWARF GREEN CURLED SCOTCH. Leaves of a bright green, very tender and closely curled, rarely exceeding eighteen inches in height, but spreading out, under good cultivation, to 3 feet in diameter. Pkt. 5c, oz. 10c, ¼ lb. 25c. per lb. 75c.



Green Curled.

DWARF GREEN CURLED GERMAN. (Siberian Kale.) he main sort planted by gardeners. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

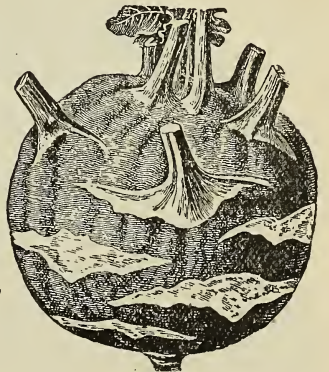
TALL GREEN SCOTCH. Finely curlea. more tender after being touched by frost. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60 c.

KOHL-RABI.

CULTURE. For an early crop, start in hot bed and treat the same as early cabbage; for late crop, sow in drills 16 in. apart and thin to 6 in. apart in the row.

EARLY WHITE VIENNA. Best early variety for table, bulbs white. Pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

EARLY PURPLE. Similar to the last, except



Early White Vienna.



Dwarf Green Curled Scotch.

in color. Pkt. 5c, oz. 15c, ¼ lb. 50c, oz. 1 lb. \$1.60.

WE PAY THE POSTAGE.

LEEK. Lauch, Ger. Poireau, Fr.

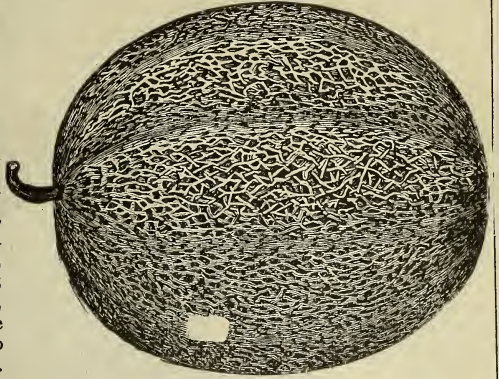
CULTURE. Sow early in the spring in drills 1 inch deep and one foot apart; when six or eight inches high transplant in rows ten inches apart each way.

AMERICAN BROAD LEAF. This variety is more largely used in this country than any other, plant strong, with broad leaves. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.50

GIANT CARENTAN. Grows to immense size; broad leaves, one of the best; hardy Pkt. 5c oz. 20c, ¼ lb. 50c, 1 lb. \$1.60.

ROCKY FORD.

"We can only repeat what we have always claimed about this melon viz:" The melons are oblong, somewhat similar to the Netted Gem. They grow very uniform in shape and size, weighing from 1½ to 2 lbs.; skin green and thickly netted. Flesh of a light green color and very sweet. In quality and flavor, the melons have never been equaled. A good keeper, hardy and the best shipping variety ever introduced. We have the pure stock and for a number of years a large percentage of Colorado melon growers have secured their supply of seed from us, and nowhere have we heard the slightest complaint; in fact one of the largest growers, Mr. Fred. Mohl, has told us repeatedly that our seed has given the best of satisfaction. It will pay every gardener to give this variety a trial. Pkt 5c; oz. 10; ¼ lb. 25c; lb. 75.

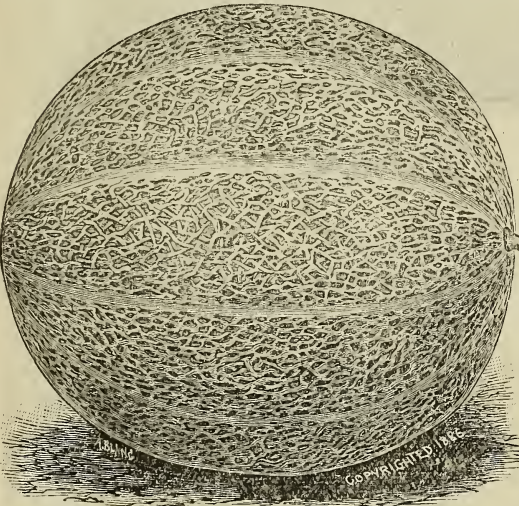


EXTRA EARLY HACKENSACK. A variety possessing all the good qualities of the well known Hackensack, but at least ten day or two weeks earlier. The melons weigh from four to ten pounds each, are of nutmeg shape, heavily netted and have a light green flesh of delicious flavor. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c, postpaid.

CHAMPION MARKET. The melons are almost a perfect globe in shape, and densely netted, weighing from four to five pounds each; the flesh is light green in color, of a rich sweet flavor; an excellent shipper. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c, postpaid.

MILLER'S CREAM, OR OSAGE. Flesh of a rich salmon color, sweet and melting; one of the best flavored melons that has ever been introduced. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c, postpaid.

PAUL ROSE. The firm flesh is a rich orange red color like that of the Osage, but even sweeter and more highly flavored, retaining its good qualities quite to the rind. It is rare that a Musk Melon of such superlative quality is a good market or shipping sort, but the firm, solid flesh and thin but strong rind of this sort, makes it one of the best shippers of which we know, while it is just the size for hotel and table use and we consider it one of the best sorts for the home garden as well as for the professional melo grower. Pkt 5c; oz. 15; ¼ lb 40c.



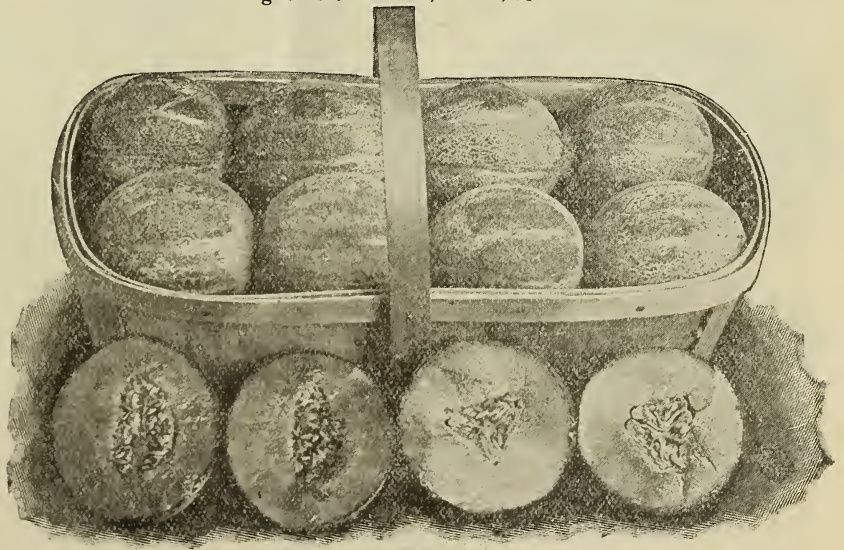
Champion Market.

IMPROVED LARGE GREEN NUTMEG.

A greatly improved and extra large strain of the green fleshed nutmeg variety. In shape almost round; flesh green, thick and delicious. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, postpaid.

CHICAGO MARKET NUTMEG.

This deservedly popular variety which was first sent out by a Chicago firm, has been steadily growing in favor and holds its own against all melons in the market. Nearly round, flattened at the ends and deeply and regularly ribbed; skin green, densely netted; flesh light green. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c, postpaid.



Paul Rose.

☞ Try this melon and you will not be disappointed.

WATER MELON.

Prices on following varieties unless otherwise priced. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c, post paid.

CULTURE. Plant in the same manner as Musk Melon, but the hills should be from eight to nine feet apart each way. Four ounces to 100 hills; 1½ lbs. to 3 lbs. per acre.

DUKE JONES. One of the largest and most productive melons. Solid, dark green skin, of firm appearance; solid red meat.

GEORGIA QUEEN. This new melon as a market sort and for shipment, is probably the best ever introduced. It is a cross between the Duke Jones and Kolb's Gem; has the firm handsome appearance of the former and the firm shipping qualities of the latter. The rind is of dark green color with indistinct stripes of a little light color. In flavor it is much better than the Kolb's Gem. The average size of the melon is very large, being over 40 lbs. each; give it a trial. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. 90c.

SWEET HEART. Fruit large, oval, uniformly mottled, light and dark green, rind thin but firm; flesh red, solid, melting and sweet.

THE DIXIE. A cross between the Kolb's Gem and the Mountain Sweet; but far superior to the former, being larger, earlier, and much more productive. In comparison with Kolb's Gem it is larger, of a darker green and more beautifully striped.

PHINNEY'S EARLY. One of the earliest of all varieties; medium size, oval, quick growing variety, thin rind, red flesh, very hardy and productive.

MOUNTAIN SWEET. A large oval melon; flesh red, firm and sweet, solid to the center. **GEORGIA RATTLESNAKE OR GYPSY.** Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh, crisp and juicy.

CUBAN QUEEN. Beautifully marked with regular stripes of light and dark green. Fruit medium sized to large, globular, or oval; rind medium thick; flesh bright red.

KOLB'S GEM. Attains a weight of from 25 to 50 lbs; flesh bright red, solid, sweet and luscious, fruit round or slightly oval, marked with irregular mottled stripes of dark and very light green. As a shipping melon it has hardly an equal.

FLORIDA FAVORITE. Ranks among the foremost as a table variety; oblong in shape with alternating stripes of light and dark green, large size, flesh light crimson.

MAMMOTH IRONCLAD. Grows to a Mammoth size; rind thin, remarkably hard, flesh bright red, very solid; melons often attain a weight of 60 pounds and upwards.

PRIDE OF GEORGIA. Dark green in color, oval in shape, and ridged like an orange. One of the fine melons originated in the great melon-growing district of Georgia.

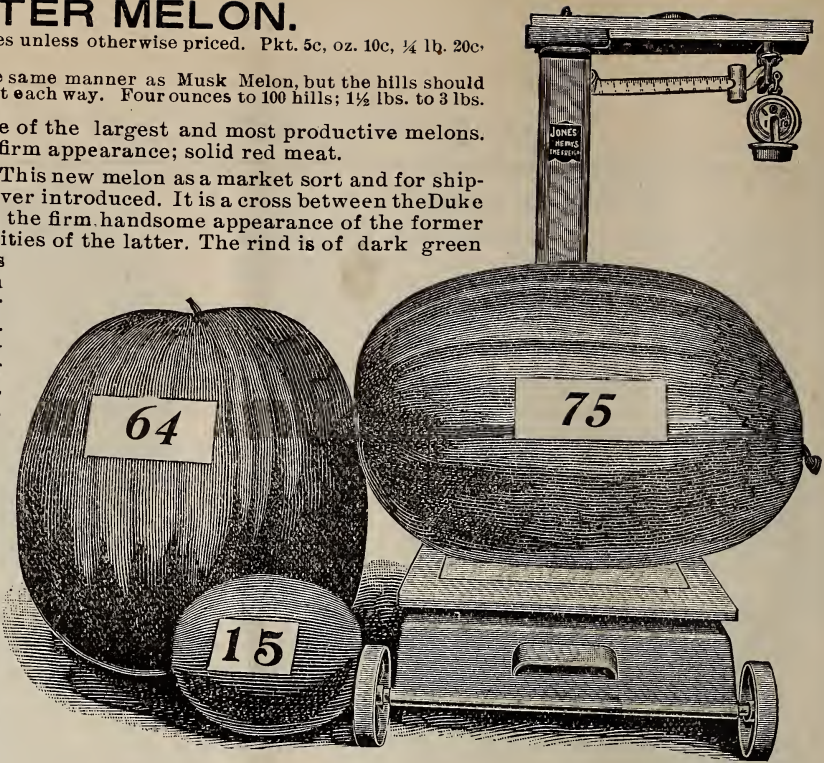
BLACK SPANISH. Medium size, round, black seeded; red flesh, thin rind, vines small; very sweet and of fine flavor.

LONG LIGHT ICING OR GRAY MONARCH. An excellent melon for general purposes; fine quality, equaling that of the White Seed Ice Cream.

ICE CREAM OR PEERLESS. Nearly round, pale green, thin rind, scarlet flesh, delicious in flavor, old standard variety and cannot be too highly recommended.

SEMINOLE. Extra early, enormously productive, and of splendid flavor. Often producing gray and green melons on one vine. A favorite with restaurateurs.

KENTUCKY WONDER. An old fashioned Kentucky melon. Oblong in shape, skin dark green, flesh a beautiful scarlet.



New—Georgia Queen—New.



Edible Mushroom.

ENGLISH SPAWN. 1 lb. brick 25c, postpaid, 10 lbs. \$1.40, not prepaid.

MUSTARD.

BLACK. Stronger than the White, and generally used for the manufacture of commercial mustard. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

WHITE. Best for culinary purposes and for salads. Per pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 35c.

CHINESE CURLED. Leaves twice the size of the ordinary white mustard, stems more succulent, of deeper green. Pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00. (Crop failed.)

MUSHROOM SPAWN.

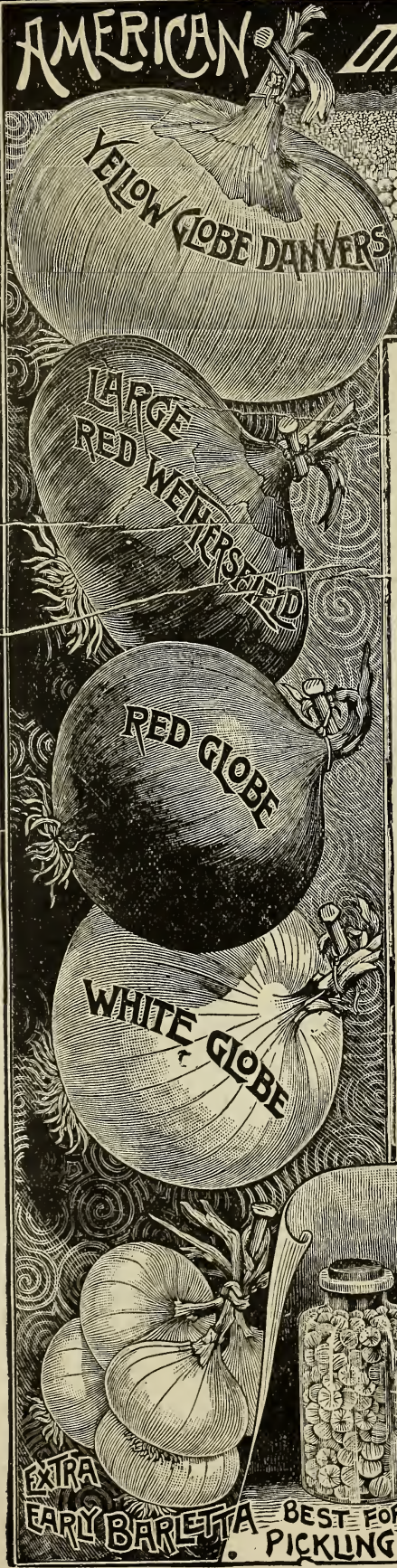
CULTURE. Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts of horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat, make out of this compost a bed eight to ten inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes two or three inches deep and six inches apart each way, cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with two inches of fresh loam and over this spread three or four inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant eight or nine square feet.

Senf, Ger.
Moutarde, Fr.

AMERICAN ONION SEED

ONION.

CULTURE. Full-sized onions may be grown from the seed fully as well, much more cheaply, and only little later than from sets. For this purpose from 4 to 5 lbs. of seed per acre are required. Sow the seed thinly one-half inch deep in drills, one foot apart, and thin out later leaving about 8 plants to the foot. The first hoeing should be given, just skimming the ground between the rows, as soon as they can be seen the length of the row. For sets, sow 60 lbs. to the acre.



CROP OF 1899

WE DO NOT HANDLE CHEAP IMPORTED ONION SEED.

EXTRA EARLY RED. The earliest of all red onions; flat in shape. Per pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25, postpaid. By express, 5 lbs. \$1.15 per lb., 10 lbs. \$1.00 per lb.

LARGE RED WETHERSFIELD. The standard variety so largely used for commercial purposes; good size, an immense yielder, deep red color, fine keeper. Per pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00, postpaid. By express 5 lbs. 90c per lb., 10 lbs. 80c per lb.

YELLOW GLOBE DANVERS. A favorite variety in the East, where it is grown almost to the exclusion of all other sorts; bright yellow in color, a perfect keeper and heavy yielder. Per pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25, postpaid. By express, 5 lbs. \$1.15 per lb., 10 lbs. \$1.00 per lb.

FLAT YELLOW DANVERS. Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown, flesh white, fine grained, firm and mild; perfect in shape, and a large cropper. Per pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.10, postpaid. By express, 5 lbs. \$1.00 per lb., 10 lbs. 90c per lb.

YELLOW STRASBURG. (Yellow Dutch.) Later, flatter, larger than Yellow Danvers. The best kind for sets. Per pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.25, postpaid. By express 5 lbs. \$1.15 per lb.

EXTRA EARLY WHITE PEARL. Pearly white and of very rapid growth: it is the earliest of all the white varieties, the bulbs are medium size, with delicate pure white skin; flesh mild and pleasant. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.25, postpaid. By express, \$2.15 per lb., 10 lbs. \$2.10 per lb.

SOUTHPORT WHITE GLOBE. One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended, one of the best varieties to sow for early bunching. Per pkt. 5c, oz. 20c, ¼ lb. 70c, 1 lb. \$2.40, postpaid. By express, 5 lbs. \$2.15 per lb., 10 lbs. \$2.00 per lb.

SOUTHPORT RED GLOBE. Similar to the White Globe, except in color; they are perfectly globe shaped, more so than the Globe Danvers, of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Per pkt. 5c, oz. 20c, ¼ lb. 70c, 1 lb. \$2.25 postpaid. By express 5 lbs. \$2.10 per lb. 10 lbs. \$2.00 per lb.

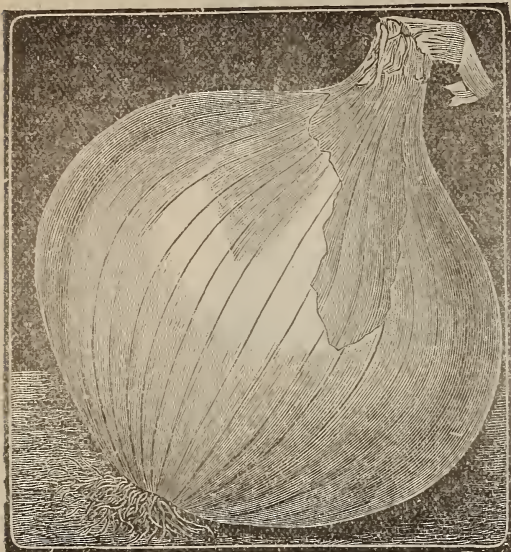
WHITE PORTUGAL OR SILVERSKIN. An early flat white variety, mild flavor, excellent for growing sets, one of the best for pickling. Per pkt. 5c, oz. 20c, ¼ lb. 65c, 1 lb. \$2.25 postpaid. By express. 5 lbs. \$2.10 per lb., 10 lbs. \$1.90 per lb.

Free—AUSTRALIAN BROWN—Free.

A new onion from Australia which found its way to the east two or three years ago and which has since proved to be a valuable acquisition to the list of the standard varieties of onions. It is of medium size, wonderfully hard and solid and of somewhat globular form; the color of the skin is a clear amber-brown. It is very early in ripening and never makes any stiff-necks or scallions. We have only a limited supply of

EXTRA EARLY BARLETTA BEST FOR PICKLING

seed and as this onion has never been grown for our home market, we thought it best to distribute this seed among our customers FREE for an introduction.

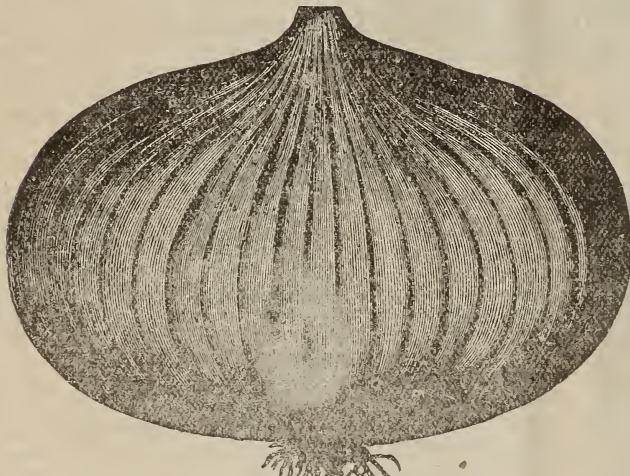


The Prize Taker Onion.

NEW SPANISH KING OR PRIZE-TAKER. (Yellow). This is the large, handsome onion that is sold by confectioners or fruiterers in the large cities. They are of a rich straw color and of enormous size, weighing, in many cases, three to three and a half pounds; although of such great size, it is very hardy and a good keeper; the flesh is white, very thick, and so mild in flavor that it can be eaten raw like an apple. For large onions, we can offer no better variety than this. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00, 5 lb. \$1.85 per lb.

COPPER KING OR MAMMOTH POMPEII. The largest red onion grown. The skin is of a red color, close grained, flesh white and of an unusually mild flavor. There is no other variety growing to such enormous size that will be so uniform and perfect in shape as this mammoth onion. As a companion to the Silver King and Spanish King for exhibition purposes and as a market onion it is unsurpassed. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

MAMMOTH SILVER KING OR NEW WHITE GARGANUS. An Italian variety of special merit; it is remarkably early, of large size and fine quality. A popular variety in the South, where it grows to an enormous size, a single onion, grown from seed the first season weighing from two to three pounds; white flesh variety, in shape, flat, and of an exceedingly mild and delicate flavor. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.25.



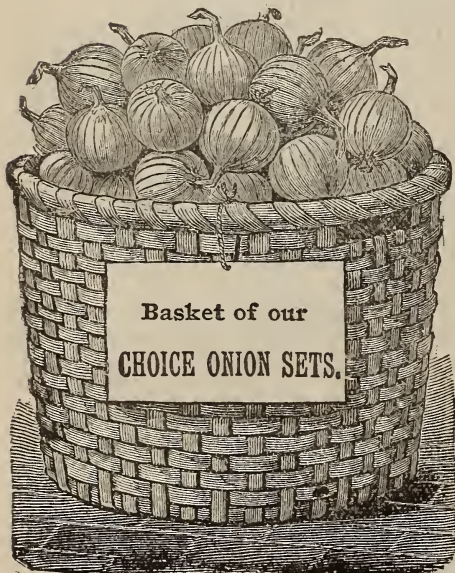
Red Bermuda.

NEW WHITE BARLETTA. The earliest variety of the small white onion, being from two to three weeks earlier than the White Queen; it is of a beautiful silvery white color, flesh firm and very mild. Per pkt. 5c, oz. 20c, ¼ lb. 75c, 1 lb. \$2.50.

RED BERMUDA OR LARGE RED TRIPOLI. A large variety growing from 5 to 6 inches in diameter, the skin is a rich blood red color; flesh white, medium early. Per pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.

NEW GIANT WHITE VICTORIA. Of oval shape, the skin is silver white, with sometimes the shading of a delicate light rose color; flesh juicy, sweet and milky white. Under ordinary cultivation this onion will grow to weigh from 2 to 3 pounds each. Per pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.

EL PASO OR LARGE MEXICAN. Grows very large and of handsome form, with pure white skin; of good quality, a very popular variety in the South, where it attains an enormous growth. Per pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.75.



Basket of our
CHOICE ONION SETS.

ONION SETS.

WHITE MULTIPLIER. An onion of pure silvery white color; very hardy and enormously productive. The largest of the sets, if allowed to grow through the summer, make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year. Per qt. 30c, postpaid; bu. \$4.50.
Write for special prices on large lots. Prices variable.

Top or Button sets.....	Postpaid per qt.	\$0.30
Potato Onions	" "	.30
Bottom Onion Sets, red or yellow.....	" "	.25
Bottom Onion Sets, white.....	" "	.35
Garlic Sets	per lb.	.30

OKRA OR GUMBO.

Oker, Ger.
Gombo, Fr.

CULTURE. This vegetable is extensively grown in the southern states, where its long pods, when young, are used in soups or stews, and are served like asparagus. Sow in May, in hills or drills three feet apart and thin out to three plants in a hill.

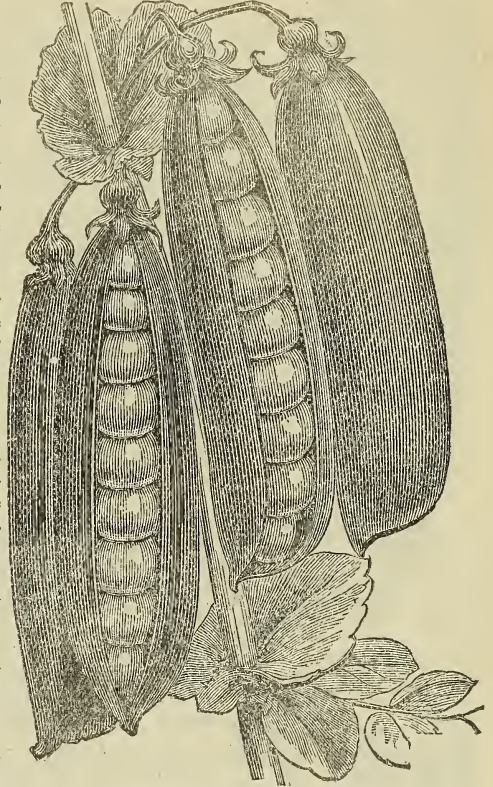
LONG GREEN. Early and very productive. Per pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

WHITE VELVET. The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Per pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

PEAS.

HARDENS EXTRA EARLY. For years we have been making a selection of extra early peas, and have succeeded in placing before our customers this year an extra fine strain. This pea has been grown in and around Kansas City by the market gardeners, with the best of success, and we consider it the earliest and most productive pea grown to-day. Seeds round; pods well filled, and ripen uniformly; height 2½ feet. Seeds white and slightly dented. 90 per cent. of these pods can be taken at the first picking, which makes it very desirable for an early sort. Per pkt. 10c, per pt. 25c, per qt. 40c, postpaid; per pk. \$1.25, per bu. \$4.50, not prepaid

AMERICAN WONDER. The earliest of the wrinkled sorts; grows about nine inches high, and is covered with well filled pods, often containing seven or eight tender and sweet peas. We offer none



Harnden's Extra Early.

any other. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.50, bu. \$5.50, not prepaid.

NOTT'S EXCELSIOR. New extra early wrinkled pea; pods larger than the American Wonder, which it resembles, but is a few days later. Comes into bearing uniformly. Foliage dark green, and pods often contain from 6 to 8 large peas; is considered to-day the best early wrinkled pea grown. Requires no sticks growing from 10 to 12 inches high. Per pkt. 10c, pt. 25c, qt. 40c, post paid; per. pk. \$1.40, bu. \$5.00, not prepaid.

LAXTON'S ALPHA. The earliest of all the medium height wrinkled peas; height 2½ feet. Per pkt. 10c, pt. 25c, qt. 40c, post paid; per pk. \$1.25, bu. \$4.50, not prepaid.

BLUE BEAUTY. A round blue pea, nearly as early as the American Wonder; height 1½ feet. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.25, bu. \$4.50, not prepaid.

ADVANCER. Second early; a green wrinkled variety of fine flavor; bears an abundance of long full pods, at the end of the vine; peas very sweet and tender; height 2½ feet, Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.10, bu. \$4.25, not prepaid.

HORSEFORD'S MARKET GARDEN. A fine wrinkled variety; the best second early pea ever introduced; the vines are uniform in height, even and regular in growth; it is extremely prolific and bears its pods always in pairs, and has yielded at



but the true stock. Per pkt. 10c, per pt. 25c, per qt. 40c, postpaid; per pk. \$1.40, per bu. \$5.00, not prepaid.

EXTRA EARLY PREMIUM GEM. Pods long and of dark green color; a type and improvement on the Little Gem; height about one foot. Per pkt. 10c, per pt. 25c, per qt. 40c, post paid; per pk. \$1.25, per bu. \$4.00, not prepaid.

MCLEAN'S LITTLE GEM. Seed green, wrinkled. height about one foot; very prolific and of excellent flavor; especially recommended for family garden. Per pkt. 10c, pt. 25c, qt. 40c post paid; pk. \$1.25, per bu. \$4.25, not prepaid.

PHILADELPHIA EXTRA EARLY. Highly esteemed in the Southern states. A very early and desirable sort; bears abundantly; height 2½ feet. Per pkt. 10c, pt. 25c, per qt. 40c, post paid; pk. \$1.10, bu. \$4.00, not prepaid.

FIRST AND BEST. A favorite market sort; peas small and of excellent flavor. Pods good size and well filled. Height 2½ feet. Per pkt. 10c, pt. 25c, qt. 40c, postpaid, pk. \$1.10, bu. \$4.00, not prepaid.

ALASKA. An early pea, of rich flavor, peas small and round; height 2½ feet; pods dark green in color; seeds blue. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; pk. \$1.25, bu. \$4.50, not prepaid.

TOM THUMB. An old standard variety, long and favorably known to the trade. This stock for purity, earliness, dwarf habit and evenness of growth is unequaled by



Horseford's Market Garden.

the rate of over 50 bu. per acre: the pods, although of medium size, are numerous and literally packed with peas of delicious flavor. We recommend it highly to every gardener. Height 2 feet. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.25, bu. \$4.50, not prepaid.

EVERBEARING. (Bliss.) Seed green, wrinkled, flattened; height 2 feet; late to very late, hardy, vigorous, enormous cropper; peas and pods of large size and good quality. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.15 bu. \$4.00 not prepaid

ABUNDANCE. (Bliss) Height, 18 inches; foliage dark green; pods three to three and a half inches long, round and well filled; branches directly from the roots. Per pkt. 10c pt. 25c, qt. 40c, postpaid; per pk. \$1.15, bu. \$4.00 not prepaid.

CHAMPION OF ENGLAND. Of the late wrinkled varieties; probably used more generally than any other; delicious flavor and a good bearer; usually accepted as the standard; height 5 feet; late. Per pkt. 10c. pt. 25c. qt. 35c, postpaid; per pk. \$1.15. bu. \$4.00, not prepaid.

TELEPHONE. Seed green wrinkled; height about 4 feet, foliage luxuriant, peculiar light shade of green; fairly productive; pods usually large size, elegant shape, slightly curved, well filled with peas of large size, good quality, earlier than the Champion of England. A most desirable variety for those who wish a large showy pea. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.50, bu. \$5.00, not prepaid.

THE HERON. This new pea has proved to be a valuable acquisition to the list of peas; the vines are about four feet high, but little branched, having stout stems. The pods borne in great profusion, are very large, round, straight, filled from end to end with immense peas, which are tender, sweet and of excellent flavor. It ripens medium early and furnishes all its pods well together. Pkt. 10c, pt. 25c, qt. 40c, pk. \$1.50; bu. \$5.50.

STRATAGEM. Seed green, wrinkled; height 2 feet; vigorous branching habit; leaves usually large size; under favorable conditions an immense cropper; pods long, well filled, with from 7 to 9 peas of the largest size and extra fine quality. Not only one of the most elegant and showy peas in cultivation, but the most desirable acquisition of its class for a number of years. Should not be planted in heavy soil. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.75 bu. \$6.50, not prepaid.

PRIDE OF THE MARKET. A week earlier than the Stratagem, but resembling it in habit of growth; the foliage and pods are, however, of a deeper green; pods well filled with very large and fine flavored peas; height 2 feet. Per pkt. 10c, pt. 25c, qt. 40c, postpaid; per pk. \$1.75, bu. 6.50, not prepaid.

BLACK-EYED MARROWFAT. Per pkt. 10c. pt. 20c, qt. 35c, postpaid; per pk. 75c, bu. \$2.75, not prepaid.

WHITE MARROWFAT. Per pkt. 10c, pt. 20c, qt. 20c, postpaid; per pk. 75c, bu. \$2.75, not prepaid.

CANADA FIELD. For soiling purposes. Write for market prices on large lots. Per pt. 10c, qt. 20c, postpaid; per pk. 40c. bu. \$1.50, not prepaid.

DWARF SEEDED SUGAR. (Edible pods). Per pkt. 10c, pt. 25c qt. 40c, postpaid; per pk. \$1.50, bu.

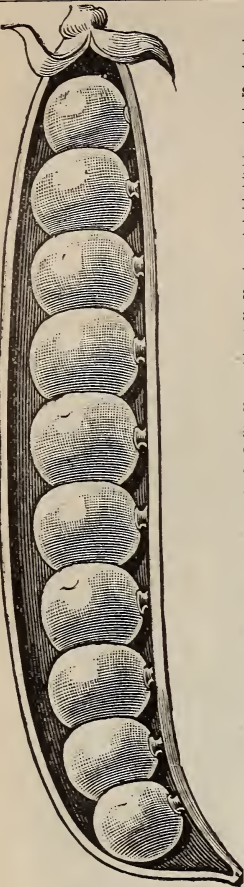
PARSLEY. WE PAY THE POSTAGE.

CULTURE. The seed is very slow to germinate and should be sown early in the spring, previously soaking the seed for a few hours in warm water. 1 oz. to 150 feet of drill.

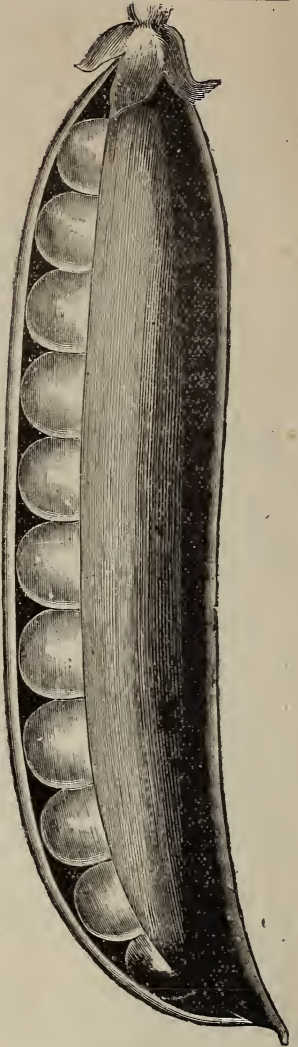
CHAMPION MOSS CURLED. Leaves beautifully curled and mossy. Per pkt. 5c, oz. 10c, ¼lb. 20c, 1 lb. 70c.

DOUBLE CURLED. A fine variety; excellent for garnishing. Per pkt. 5c, oz. 10c, ¼lb. 20c lb. 60c.

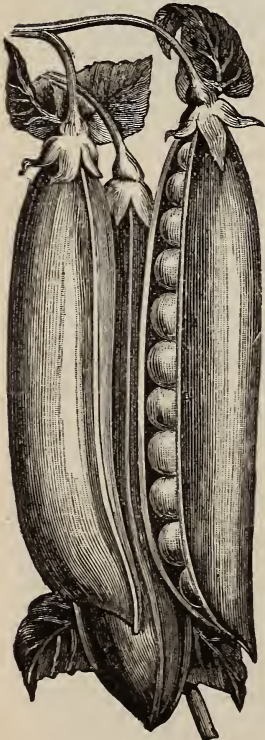
HAMBURG OR TURNIP



Stratagem.



The Heron.



Pride of the Market.



Champion Moss Curled.

ROOTED. Sometimes called German Parsley; a fleshy rooted variety. Per pkt. 5c, oz. 10c, ¼lb 25c, 1b 90c



Improved Guernsey.

Hollow Crown.

WE PAY THE POSTAGE.

PARSNIP.
Pastinake, Ger. Panais, Fr.

CULTURE. The parsnip thrives best in a deep, mellow rich soil. Sow the seed early in the Spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants, when well up, to five inches apart in the rows.

HOLLOW CROWN. Smooth, large roots, sweet and of most excellent flavor. Per pkt. 5c. oz. 10c, ¼ lb. 20c, 1 lb. 60c.

IMPROVED GUERNSEY. Not so long as the Hollow Crown, but of greater diameter; roots do not run so deep in the ground. Per pkt. 5c. oz. 10c, ¼ lb. 20c, 1 lb. 60c.

PEPPER.

CULTURE: Seed should be started in a warm hot bed or a shallow box in the house early in March. When they have three or four leaves, they should be transplanted to fresh beds or small flower pots and kept growing as rapidly as possible until the weather is warm enough to plant them outdoors; set plants 2½ feet apart each way. One ounce to 1500 plants.

LONG RED CAYENNE. Pods small, cone-shaped, scarlet red, and when ripe used for pickles and pepper sauce. Per pkt. 5c. oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

RUBY KING. The peppers are of a bright ruby red color, from 4½ to 6 inches long, by 3½ to 4 inches in diameter. Flavor remarkably mild, and can be sliced and eaten with pepper and vinegar like tomatoes or cucumbers. Per pkt. 5c. oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

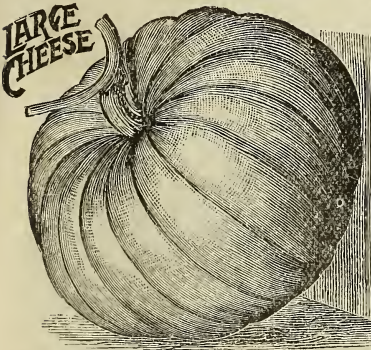


Ruby King

CELESTIAL. A beautiful and attractive plant; the peppers, up to the time when they are full grown are of a delicate creamy yellow color, and when fully grown change to an immense vivid scarlet, making the plant, when loaded with fruit, part of one color and part of the other, very attractive; they are from two to three inches long, of clear, sharp flavor. Per pkt. 5c. oz. 25c, ¼ lb. 75c, 1 lb. \$2.50.

SPANISH MONSTROUS. Fruit very large, often 8 inches or more in length by 2 or 3 inches in diameter; rind thick and fleshy; mild and sweet flavored. Per pkt. 5c. oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.

IMPROVED BULL NOSE OR SWEET MOUNTAIN. A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent than most other sorts; very productive and of good sweet quality. Pkt. 5c. oz. 25c, ¼ lb. 75c, 1 lb. \$2.25.



PUMPKIN.

WE PAY THE POSTAGE.

CONNECTICUT FIELD. One of the best for field culture; can be grown with corn; largely used for stock feeding. Oz. 10c. ¼ lb. 15c, 1 lb. 35c

KING OF THE MAMMOTH OR MAMMOTH POT-IRON. The largest pumpkin grown often attaining a weight of 200 pounds and over. The flesh and skin are of a bright golden yellow color, of excellent quality and a splendid keeper. Per pkt. 5c. oz. 15c, ¼ lb. 40c, 1 lb. \$1.50.

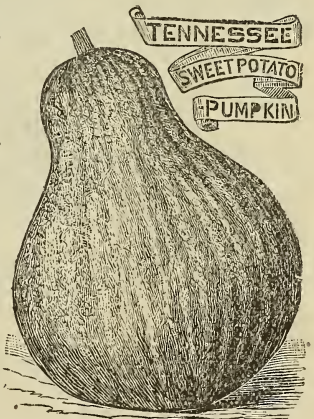
LARGE CHEESE OR KENTUCKY FIELD. Shape flat; light yellow, with very sweet, thick brittle flesh, excellent keeper. Per pkt. 5c. oz. 10c, ¼ lb. 20c, 1 lb. 50c

CUSHAW. A prolific variety, resembling in form the winter Crook-neck Squash, although growing to a much larger size, frequently weighing 60 lbs. and over; color white striped and mottled with green. Per pkt. 5c. oz. 10c, ¼ lb. 25c. 1 lb. 70c.

WINTER QUEEN OR WINTER LUXURY. This is an improvement of the old, well-liked Sugar Pumpkin; the very best pie pumpkin on the market. Its size is uniformly about nine to ten inches in diameter; color a beautiful deep orange yellow, with close netting, almost as russeted as a potato. It is a good winter keeper. Pkt. 5c. oz. 10c, ¼ lb. 20c, lb 65c.

SWEET POTATO. Pear shaped, size medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Pkt. 5c. oz. 10c, ¼ lb. 20c, 1 lb. 65c.

LARGE TOURS. (Mammoth French.) Grows to an enormous size, often weighing over 100 lbs; very productive; flesh salmon color; good keeper; desirable for cooking or stock feeding. Pkt. 5c. oz. 10c, ¼ lb. 25c, 1 lb. 75c.



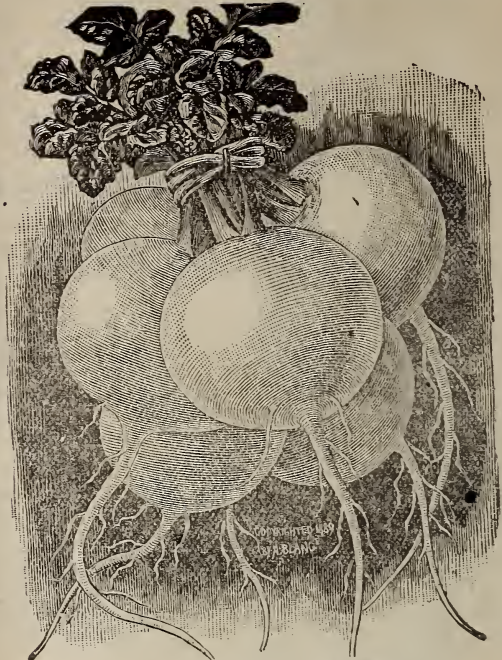
RADISH.

We Pay the Postage

EX. EY. DEEP SCARLET TURNIP, WHITE-TIPPED, FORCING.—A beautiful variety, deep scarlet, with white tip; popular as a market variety. The earliest forcing variety and cannot fail to give full satisfaction as such; small top. Does not show as much white as the ordinary Sc. T. W. Tip. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 90c.

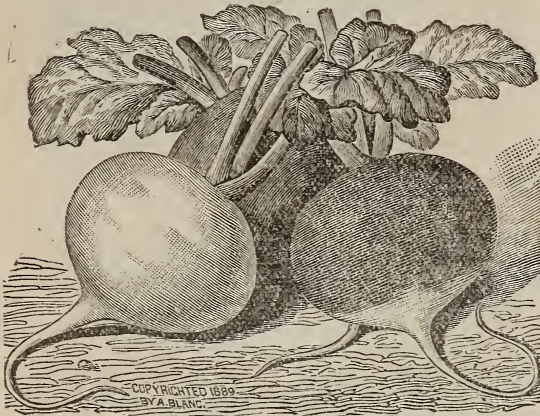
NEW CHAMPION. An extra early variety, ready for the table three weeks after sowing, of dark red color, flesh white and remarkably mild, crisp and tender; the leaves are short and make a very small top; very desirable for forcing. Per pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 85c.

PHILADELPHIA WHITE BOX. Of perfect turnip shape; it remains solid and juicy long after full grown and its short top and rapid growth make it very desirable for forcing. Per pkt 5c, oz. 10c, ¼ lb. 25c, 1 lb. 65c.



Philadelphia White Box.

	Pkt.	oz.	¼ lb.	1 lb.
Early White Turnip.....	5c	10c	20c	65c
Earliest Carmine Turnip.....	5c	10c	25c	70c
Early Deep Scarlet Turnip.....	5c	10c	25c	70c
Scarlet Turnip White Tip.....	5c	10c	20c	65c
French Breakfast.....	5c	10c	20c	50c
Yellow Summer Turnip.....	5c	10c	20c	50c
Long Scarlet Short Top.....	5c	10c	20c	60c
Giant White Stuttgart.....	5c	10c	20c	65c
Long White Naples.....	5c	10c	20c	60c
Long White Spanish.....	5c	10c	20c	60c



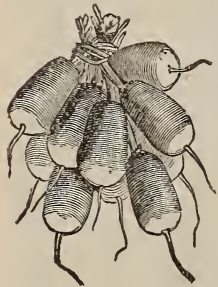
Ey. White Turnip

Ey. Deep Scarlet Turnip.

Scarlet Turnip, White Tipped

BRIGHTEST LONG SCARLET, WHITE TIPPED. Resembling the long scarlet in shape and size; very early. Its color is a bright scarlet, more the color of carrot than radish; the tails are tipped white. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

IMPROVED CHARTIER. The color at the top is crimson, running into pink about the middle, and from thence down it is a pure waxy white; it is of quick growth, and does not become stringy; per pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.



French Breakfast.

WHITE STRASBURG OR HOSPITAL. A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Per pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

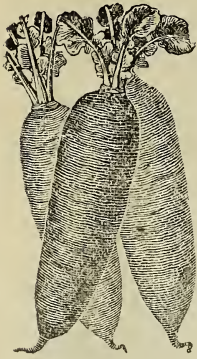
WOOD'S EARLY FRAME. This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Per pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

LONG WHITE VIENNA OR LADY FINGER. This is one of the finest of the long radishes, beautiful in shape, skin and flesh pure white. Per pkt, 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

THREE GOOD VARIETIES.



Impr. Chartier. White Strasburg. Wood's Ey. Frame.



Long Black Spanish

RADISHES.—CONTINUED.

ROUND BLACK SPANISH. Globe-shaped, black skin, white flesh, very firm and hardy. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

LONG BLACK SPANISH. A large winter variety, one of the hardiest; firm, solid flesh and will keep until spring. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

CHINESE ROSE WINTER. A general favorite, size medium; flesh white, firm and of a superior quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

CALIFORNIA MAMMOTH WHITE WINTER. (Large Russian.) A fine winter sort of immense size, skin white, a most excellent keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 75c.

RHUBARB.

CULTURE. Sow in drills one foot apart, one in. deep; when a few inches high thin to a foot apart. In Fall or Spring prepare the ground for the final bed by trenching 2 feet deep; mixing a liberal quantity of manure with the soil. Set the plants three feet apart each way.

LINNAEUS. The earliest for market purposes, pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

VICTORIA. Large and tender. Pkt. 5c, oz. 15c, ¼ lb. 50c, 1 lb. \$1.50.

ROOTS. Not prepaid, dozen \$1.00, each 10c.

SALSIFY OR VEGETABLE OYSTER.

CULTURE. Sow early in the Spring, in drills 14 inches apart and thin the plants to three inches in the row.

MAMMOTH SANDWICH ISLAND. This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.25.

WHITE FRENCH. The standard variety. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 90c

SPINACH.

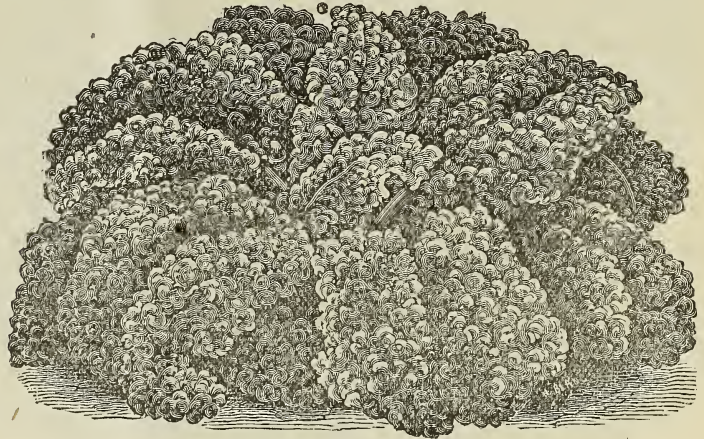
We Pay The Postage.

THICK LEAVED ROUND.

Good for either fall or spring sowing; very hardy; leaves large round, thick. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

BLOOMSDALE OR SAVOY-LEAVED. Leaves large, curled and wrinkled like Savoy cabbage, very hardy. Pkt. 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.

VICTORIA. Distinguished for its exceedingly dark black green color. The leaves are thick and spread out flat upon the ground. It is excellent for Spring sowing. Per pkt 5c, oz. 10c, ¼ lb. 15c, 1 lb. 40c.



Bloomsdale or Savoy Leaved

SQUASH.

Kurbis, Ger. Courge, Fr
Prices Post-Paid.

Use "Hammond's Slug Shot." to kill the bugs 5lbs. 35c, 10 lbs. 65c. Not prepaid.

WHITE BUSH OR PATTYPAN.

An early flat, scalloped variety, pure white, favorite early sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.



White Bush or Patty Pan.



Giant Summer Crook Neck.

CHICAGO WARTED HUBBARD. A great improvement over the old variety, very hard firm shell, fine grain; sweet and rich flavor, excellent for table use, a splendid keeper and the most popular of all varieties. Pkt. 5c, oz. 10c, ¼ lb. 20c 1 lb. 65c.

GIANT SUMMER CROOK-NECK. Early, rough, warty surface, orange yellow, good quality Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 65c.

GIANT SUMMER STRAIGHT-NECK. Pkt. 5c, oz. 10c, ¼ lb. 25c, 1 lb. 75c.

PERFECT GEM. Fruit nearly round, from four to six inches in diameter, with thin, smooth shell, slightly ribbed; it is the best intermediate sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 60c.

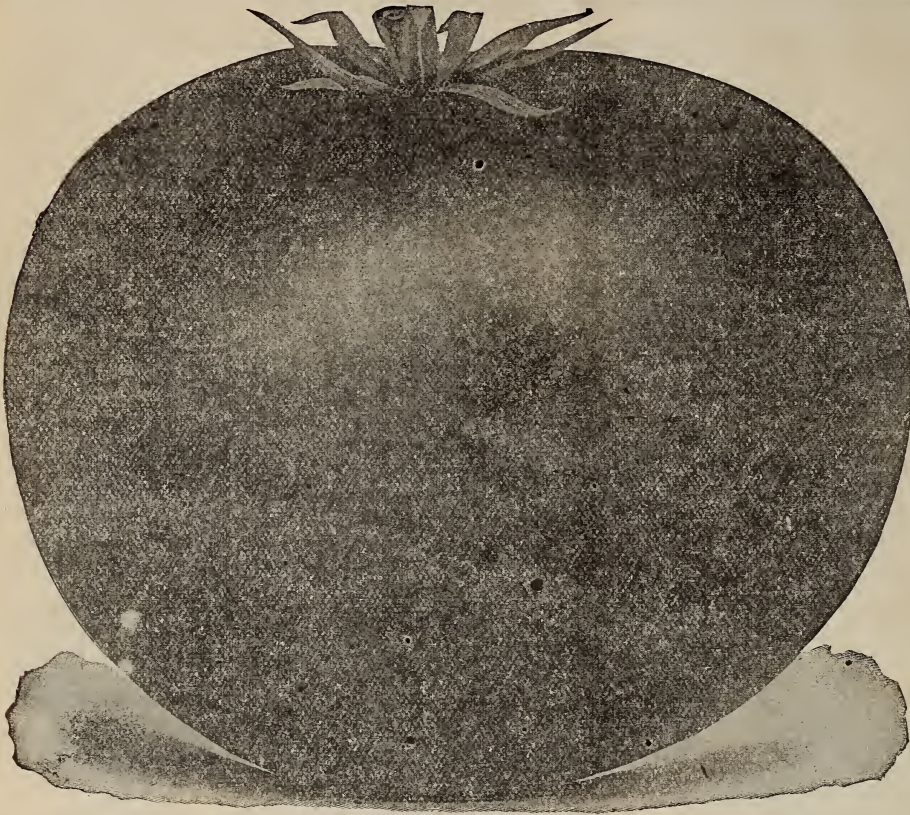
SQUASH.—CONTINUED.

FAXON'S SQUASH. In color this variety differs from most other squashes; some are clear yellow, others with yellow stripes in hollows, and still again some green mottled. Flesh a deep orange yellow; has very small seed cavity. Good keeper; sweet and dry and of excellent flavor. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c, postpaid.

FORDHOOK. A strong rapid grower; very handsome, of a bright yellow outside, and straw yellow within. The skin is so very thin and delicate that the squashes are prepared for the table by simply cutting in half lengthwise and cooking skin and all. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. 75c.

MAMMOTH CHILI. The "Jumbo" of all squashes, attaining the enormous weight of 150 lbs; skin quite smooth of orange yellow color; flesh thick; most profitable to grow for stock. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c, 1 lb. \$1.00.

WHITE CHESTNUT. In size and shape somewhat like the Hubbard Squash: the skin is very hard, of creamy, white color, while the flesh is a lemon yellow. A most excellent keeper, and rightly classed side by side with the Hubbard. Per pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c, 1 lb. 65c.



Livingston's Magnus.

TOMATO.

We Pay The Postage

We do not handle stock bought from canning factories.

LIVINGSTON'S MAGNUS. A new tomato for 1900.

This very distinct and most promising new variety, of the color of Beauty and Acme, is the latest addition by Livingston to the Tomato family. It is thicker, heavier, and more solid than either of the above making it easily the most handsome sort in cultivation. It is unsurpassed in quality, and in the production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early

market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Pkt. 20c, 3 for 50c.

NEW STONE. We have sold this variety to our gardeners and customers till it needs no recommendation to them. It is a large, smooth tomato; color bright scarlet; ripens evenly to the stem; solid and excellent shipper. Very productive; fine for canning. Is a general favorite with all who have used it. Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.

ACME. True stock. Very productive; form round; very smooth and uniform. Per pkt. 5c, oz. 20c $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

LIVINGSTON'S BEAUTY. True stock. Grows in clusters of four or five; glossy crimson, partaking of some of the characteristics of the Acme; solid; retains its color and size until late in the season; for shipping or early market it cannot be excelled. Per pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 65c, 1 lb. \$2.00.

LIVINGSTON'S FAVORITE. One of the most perfect shaped tomatoes grown. Very smooth; darker than the Perfection; ripens evenly and quite early; good shipping qualities. Per pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

LIVINGSTON'S PERFECTION. Very large and early; blood red; perfectly smooth, thick meat; few seeds; it is one of the earliest to mature; solid and of good quality; a fine shipping sort. Per pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

DWARF CHAMPION. The best early tomato grown. It is entirely distinct in habit of growth and foliage; the vines are dwarf and compact, grow stiff and upright, with thick and short jointed stems. As an early tomato of some size and a cropper it is unsurpassed. Pkt. 5c, oz. 25c, $\frac{1}{4}$ lb. 75c, 1 lb. \$2.50.

BUCKEYE STATE. This is one of the largest fruited variety grown; smooth and uniform, heavy cropper; grows in clusters of from four to ten fruits; color glossy and dark crimson, with slight tinge of purple; Matures about the same time as the Stone. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

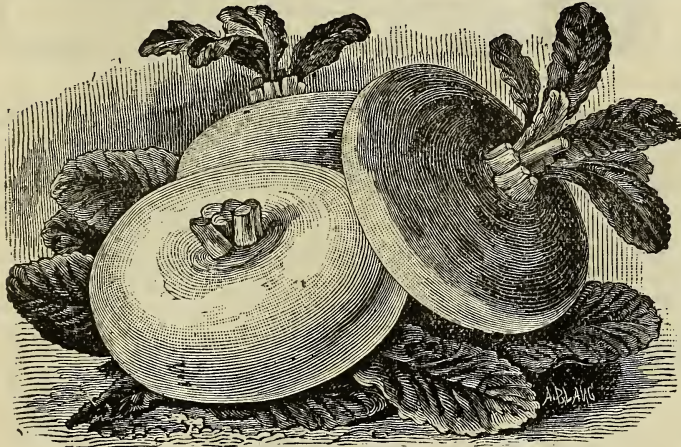
ROYAL RED. This is one of the handsomest, intense red colored tomato yet introduced. Fruit medium size to large; entirely free from any tinge of purple. A favorite with canners and catsup makers. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

TOMATO.—CONTINUED.

TROPHY. SELECTED. One of the best standard varieties; fruit large, smooth; bright red, solid and good flavor; unsurpassed for all purposes. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

PARAGON. Similar to Perfection; color bright, glossy crimson; ripens evenly; very solid; largely used for canning. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

	pkt.	oz.	¼ lb.	lb.
Large Smooth Red.....	5c.	20c.	50c.	\$1.75
Turner's Hybrid or Mikado "	"	25c.	75c.	2.50
Volunteer.....	"	"	60c.	2.00
Golden Queen.....	"	"	75c.	2.50
Yellow Plum.....	"	"	75c.	
Strawberry or Husk.....	"	"
Pear Shaped Red.....	"	"
Red Cherry.....	"	"
Peach Tomato.....	"	"



White Flat Dutch. Purple Top Strap-Leaf.

TURNIP.

Prices on following varieties, unless otherwise priced, are per pkt. 5c, oz. 10c. ¼ lb. 15c, 1 lb. 50c, postpaid. If to go by express or freight at purchasers expense, deduct 10c. per lb.

EXTRA EARLY RED-TOP MILAN. The earliest strap leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Per pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 75c.

EARLY WHITE EGG. Pure white; egg-shaped, rapid grower and fine quality; very solid, fine-grained flesh.

PURPLE TOP STRAP-LEAF. The most popular variety grown.

WHITE FLAT DUTCH. A popular well known early sort; the best variety for spring sowing.

PURPLE TOP WHITE GLOBE. Improved variety of Purple Top Strap-Leaf, globular shaped, smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market.

POMERANIAN WHITE GLOBE. Valuable both for stock feeding and for table use; the roots will frequently grow to 12 lbs. in weight.

SEVEN TOP OR FORESTER. (Winter Green.) Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter.

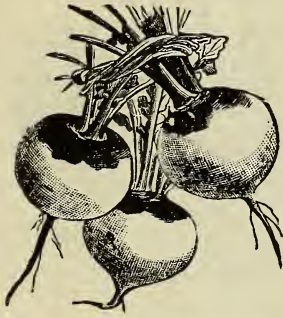
LONG WHITE COW HORN. Carrot-shaped, pure white, except at top; fine grained, very sweet; roots grow half above the ground.

AMBER GLOBE. Yellow flesh, firm, fine grain; very sweet, skin yellow with green top; keeps well; very popular in the south.

SWEDES OR RUTABAGAS.

IMPROVED AMERICAN PURPLE TOP. Leaking yellow variety; very productive, solid and of excellent flavor; the roots grow to a large size and are of the finest quality; unsurpassed for stock feeding.

SKIRVING'S PURPLE TOP. Grows to a large size; yellow flesh; solid, fine flavor; good keeper.



Purple-Top White Globe.

The tobacco seed we offer has been carefully grown on crown shoots only, and improved by continuous selection. It will be found true to name and of the highest vitality. "Virginia Grown."
 Prices on all varieties, pkt. 5c, oz. 25c. ¼ lb. 75c.

TOBACCO SEED.

YELLOW ORONOKO. A reliable old yellow variety, grown for more than fifty years.

YELLOW PRIOR. Preferred by many and succeeds when other yellow varieties fail.

CONNECTICUT SEED LEAF. The largest, best and finest variety of this indispensable kind.

BIG HAVAN A. A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture, delightful flavor, and the earliest cigar variety to mature.—**WHITE BURLEY.** The Western favorite.

GOLD FINDER. A Yellow Oronoko crossed on White Burley; has the shape and habit of the Oronoko. Especially recommended for Missouri and Kansas planters.

SWEET AND MEDICINAL HERBS.

Varieties with an * are Perennials.

	Pkt.	Oz.		Pkt.	Oz.		Pkt.	Oz.	
Anise (<i>Anis</i>).....	\$0.05	\$0.10	Dandelion (<i>Loewenzahn</i>)	\$0.05	\$0.25	Sage (<i>Salbei</i>)	¼ lb. 50c,	\$0.05	.15
*Balm (<i>Melisse</i>).....	.05	.25	Dill (<i>Dill</i>).....	.05	.10	Saffron (<i>Safron</i>)..	<i>Kraut</i> ..	.05	.15
Belladonna (<i>Tollkirsche</i>)	.05	.30	*Fennel (<i>Fenchel</i>).....	.05	.10	*Summer Savory (<i>Bohnen-</i>		.05	.15
Basil, Sweet (<i>Basilicum</i>)	.05	.15	*Lavender (<i>Luvendel</i>)...	.05	.25	Sorrel (<i>Sauerampfer</i>)...		.05	.25
Borage (<i>Gurkenkraut</i>)...	.05	.15	Marjoram (<i>Marjoran</i>)...	.05	.15	*Tarragon...		.05	.25
*Caraway (<i>Kummel</i>)....	.05	.10	*Rosemary (<i>Rosmarin</i>)...	.05	.25	*Thyme (<i>Thymian</i>).....		.10	.20
Coriander (<i>Korlander</i>)..	.05	.10	*Rue (<i>Routé</i>).....	.05	.25	*Wormwood (<i>Wermuth</i>)..		.05	.15

MARTYNIA. MARTYNIA PROBOSCIDEA. For Pickling. Pkt. 5c, oz. 30c, ¼ lb. \$1.00.

FLOWER SEEDS

All Flower Seeds sent Free by Mail.

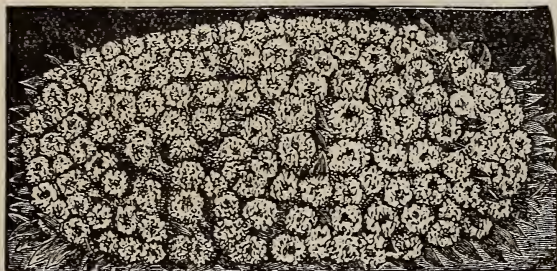


Adlumia (Mountain Fringe or Alleghany Vine.)

Our Premium on Flower Seeds.

We offer our customers the following premiums when ordered in packets only; it will pay you to secure your neighbors' orders.

- Customers sending \$1 may select \$1.25
- Customers sending \$2 may select \$2.60
- Customers sending \$3 may select \$3.85
- Customers sending \$4 may select \$5.00



Alyssum. Little Gem or Carpet of Snow.

A. Maritimum. Very sweet scented. Oz. 30c, pkt. 5c.
—*Little Gem or Carpet of Snow*. We know of no other white flower which is so particularly well adapted for borders, ribbons, etc., as our **LITTLE GEM**. It is of Dwarf, compact habit, 4 to 6 inches in height, each plant covering a circle of about 15 inches in diameter. The plants commence to bloom when quite small and soon become one mass of white, remaining in full bloom from spring until fall, each plant being densely studded with the beautiful, miniature, spikes of deliciously fragrant flowers. Oz. 60c, pkt. 5c.

AMARANTHUS.

- A. Caudatus*. (Love Lies Bleeding.) Pkt. 5c.
- A. Tricolor*. (Joseph's Coat.) Pkt. 5c.
- A. Splendens*. (Rainbow Plant.) Plants of upright growth; the inner foliage is of a dark, blackish bronze, tipped with green, while the outer foliage is an intense flaming crimson and shining gold. Pkt. 5c.



Aster—Comet or Poodle.

ADLUMIA. A hardy and most beautiful climber, with pink and white flowers; pale green foliage, 15 ft. Pkt. 5c.

AGERATUM. *Mexicanum*—Very Attractive plants for bedding; constant bloomers; colors bright blue and pure white. Pkt. 5c.

SWEET ALYSSUM.

Pretty little plants for beds, vases, baskets, edgings, or rock work, with delicate white flowers of exquisite fragrance.



Antirrhinum. (Snap Dragon)

ANTIRRHINUM. (Snap Dragon.) An old garden favorite with odd shaped flowers and pretty spotted throats, succeed in any good garden soil. Dwarf Sorts mixed, pkt. 5c.

ASTERS.

It is unnecessary to dwell on the great beauty of these popular flowers, as they are appreciated by everyone. Sow the seed early in the spring under glass or in pots in the house and transplant in May about one foot apart.

VICTORIA. The most handsome Aster in cultivation; flowers large and perfectly double, of globular shape and beautifully imbricated, 1½ feet high.

- | | | | |
|--------------------|----------|-----------------|----------|
| Apple Blossom..... | Pkt. 10c | Pure White..... | Pkt. 10c |
| Crimson..... | Pkt. 10c | Pink..... | Pkt. 10c |
- Many colors, finest mixed, pkt. 10c.

PAEONY FLOWERED. Flowers large, brilliant, very double and imbricated; resembling those of the paeonies, 1½ to 2 feet high. Mixed colors. Pkt. 10c.

COMET OR POODLE. A handsome and very distinct variety, with long wavy and twisted petals; somewhat resembling the Japanese Chrysanthemum; eighteen inches; mixed colors, pkt. 10c.

SEMPLER'S BRANCHING. The plants are of branching habits, producing twenty or more perfect flowers, borne on long stiff stems. Mixed colors, pkt. 10c.

NEW CROWN. A very showy variety; central petals of purest white, making a striking contrast to the large brilliantly colored outer petals, 18 inches. Finest mixture 10c.



Balsam, Double Camellia.

AQUILEGIA. (*Columbine*.) An extremely showy, early summer blooming plant, flowers very beautiful; hardy perennial. Mixed, all colors, Pkt. 5c.

BALSAMS. (*Lady Slippers or Touch-me-not*)

Popular and beautiful annuals for the summer garden, producing their gorgeous masses of brilliant colored blossoms in the greatest profusion. To produce very double flowers they must be transplanted from the seed bed into rich soil; cut out some of the side branches when small. Sow the seed in March and transplant when 3 inches high.

—*Double Camellia Flowered.*— Undoubtedly the showiest and most attractive variety of Balsam. Mixed colors, 1/4 oz. 20c. pkt. 5c.

—*Double Rose Flowered.*— Has a perfectly double roselike blossoms of almost every shade and colors. Mixed colors, 1/4 oz. 20c. pkt. 5c.



BALLOON *Canterbury Bell.* (*Cup and Saucer*.) **VINE.** (*Love in a Puff*.) A rapid growing climber with peculiar inflated capsules, 5 ft., pkt. 5c.

CANDYTUFT. (*Iberis*.) Universally known; all the varieties are hardy and easy of cultivation. Seed sown in April flowers from July till frost comes. Mixed colors, oz. 25c, pkt. 5c.

—*New Empress.*—A magnificent variety of very branching habit, and with enormous heads of pure white flowers, 10c.

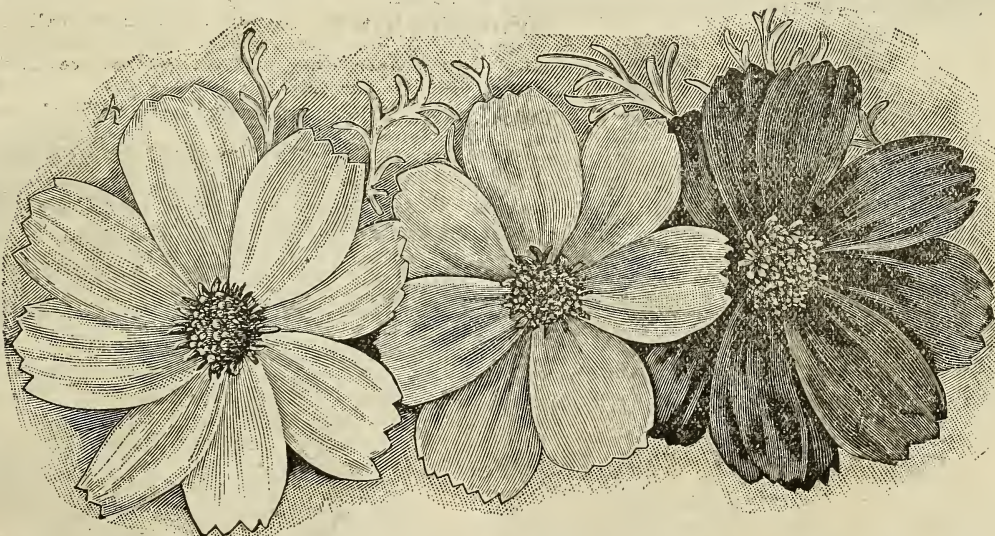
CANTERBURY BELL. (*Campanula*.)—Cup and Saucer—A very striking and beautiful variety, and a most desirable and attractive addition to this class of old garden favorites; the flowers are nearly four inches in diameter, resembling a cup and saucer. A splendid mixture of white, lilac, rose and purple. Pkt. 5c.

CALENDULA. (*Pot Marigold*.) Sow the seed early in the open ground and they will bloom profusely from June until frost.

—*Meteor.*—Large double yellow striped with orange. Pkt. 5c.

—*Orange King.*—The grandest and best of all the Marigolds. Outer petals lightly imbricated, while those in the center are incurved like petals of a paeony. Pkt 5c,

NEW MAMMOTH



PERFECTION COSMOS

COSMOS. A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often four to six feet high, and covered with large single dahlia-like flowers. Sow the seed early in Spring thinly in drills, or two or three seeds may be planted in places where seed are to bloom; have the plants stand about 2 ft. apart.

—*Pearl-White*—Large pure white flowers. Pkt. 5c. —*Pure Pink*—Large flowers of delicate pink. Pkt. 5c. —*New Yellow Dwarf*—Flowers sulphur yellow. Pkt.10c. Mixed colors, pkt. 5c.

MAMMOTH PERFECTION. (*Giants of California*.) It is impossible to describe adequately these exquisite new varieties. There are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large, single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 in. across. Pkt. 10c; 3 pkts. for 25c.



New Dwarf Margaret Carnation.

CENTAUREA or BACHELORS BUTTON. Very free-blooming, hardy annuals. Also called Blue Bottle etc.

—*New Dwarf Blue Victoria*.—A dwarf form of the favorite flower of Emperor William I., which grows only about 9 in. high, forming a ball shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden; pkt. 5c

—*Mixed*.—Bachelors Button—5c.

—*Gymnocarpa*.—(Dusty Miller)—Very graceful silvery foliage Pkt. 5c.

—*New Double Cornflower*.—The flowers of this novelty may be compared to those of the Gaillardia, having developed themselves into handsome globular flower-heads of unique beauty, Pkt. 5c.

CELOSIA. (*Coxcomb*.) The flowers somewhat resembling a cock's comb, start in the house and transplant last of May. Dwarf Sorts mixed, pkt. 5c.

CALLIOPSIS OR COREOPSIS. Showy and beautiful free flowering annuals; blooming all summer and excellent for cutting.

—*Golden Wave*.—Plant very bushy and compact; about two feet high and covered from July to October with hundreds of beautiful golden blossoms, two inches across, marked with dark brown in center pkt 5c.

COBAEA SCANDENS. A magnificent quick-growing climber with beautiful foliage and large bell-shaped flowers. Plant the seed edgewise in moist earth and cover only slightly. Pkt. 10c.

CONVOLVULUS. (*Morning Glory*.) The best known and most popular climber. Tall varieties, mixed, pkt. 5c, oz. 15c; Dwarf varieties, mixed, pkt. 5c, oz. 20c.



Cypress Vine.



CYPRESS VINE. (*Ipomea*.) A most beautiful climber, with delicate, dark green foliage and an abundance of bright, star shaped rose, scarlet and white blossoms Mixed colors. Oz. 30c. pkt. 5c.

DAHLIAS. When sown early Dahlias will bloom the first year from seed; double mixed pkt. 10c, single mixed, pkt. 5c.

DOUBLE DAISIES. (*Bellis Perennis fl. pl.*) Very pretty flowers, desirable for borders; can be easily raised from seed sown in spring. Double white, pkt. 5c.



New Double Cornflower.

DIANTHUS OR PINK.

(Double Annual Varieties.)

—*Chinensis fl. pl.*—Double Chinese Pink, pkt. 5c.

—*Heddewigi Diadematus fl. pl.*—Beautiful double flowers of the brightest colors, handsomely fringed and borne on long stiff stems. Pkt. 5c.

—*Mourning Cloak*.—The most striking of all pinks; rich blackish, velvety crimson, margined with pure white. Pkt. 5c.

—*Plumarius Fl. Pleno*—(Hardy Perennial Variety.) Double large flowering Pheasant's Eye Pink, with fringed edges of various colors, mixed; hardy. Pkt. 10c.



Dianthus Heddegi Diadematus fl. pl.

CARNATION.

NEW DWARF MARGARET CARNATION. A carnation that blooms the first year from seed. The plants are of dwarf, compact habit, and flower most abundantly, and throughout the whole year; 80 per cent. of the flowers are very double, never burst, and embrace a great variety of colors. $\frac{1}{2}$ oz. 25c, pkt. 10c.

CHRYSANTHEMUM. (Annual.) No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer, sow seed early in spring in shallow drills and thin out or transplant plants to 10 in. apart. Single and double varieties mixed, pkt. 5c, oz. 15c.

—*Chrysanthemum Frutescens.* (*Marguerite or Paris Daisy*) This variety, under the name of Marguerite, has attained great popularity. The pretty star shaped, white flowers are freely produced, and the plants will grow under almost any circumstances. Perennial, pkt. 10c.

DELPHINIUM OR LARKSPUR.—Pillar of Beauty—(*Formosum Coelestinum*) One of the handsomest of hardy Perennials, flowers of a very charming, delicate blue. Per pkt. 5c.

DIGITALIS. (*Fox Glove*.) Exceedingly showy plants for shrubby borders. Mixed colors, pkt. 5c.

DOLICHOS OR HYACINTH BEAN. A beautiful quick growing climber; the large clusters of flowers are of a beautiful, deep rose color, while the large shining seed pods are also ornamental; pkt. 5c.

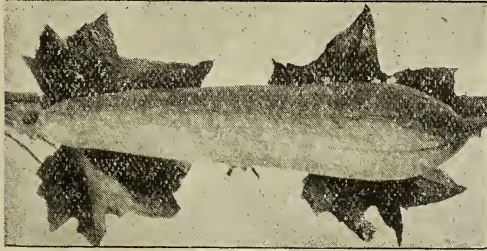
ESCHSCHOLTZIA. (*California Poppy*.) Flowers about two inches in diameter, of many brilliant and showy colors. Do not transplant. Mixed. 5c.

—*Maritima*—A very pretty sort, whitish gray foliage; flowers of a bright light yellow, with distinct deep orange spots at the base. Pkt. 5c.

FORGET-ME-NOT. (*Myosotis*.) Beautiful little plants with star-like flowers, blooming the first year if sown early. Pkt. 5c.

FOUR O'CLOCKS. (*Mirabilis or Marvel of Peru*.) Large growing shrub like plants, with funnel-shaped flowers of many colors. Mixed, oz. 15c, pkt. 5c.

GAILLARDIA. Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn.



Dish Cloth Gourd.

—*Picta Lorenziana* — A charming profuse double flowering strain; beautifully mixed colors. pkt. 5c.



Gaillardia. (*Picta Lorenziana*).

CLIMBING GOURDS. A large and interesting class, producing a great variety of curious, hard-shelled fruits. *Dish Cloth* 5c *Dipper* 5c, *Nest Egg* 5c, *Sugar Trough* 5c. Many varieties mixed, 5c.

GODETIAS. (*Satin Flower*.) Although nothing new, these profusely flowering plants are well worthy of more extended cultivation. The flowers are in the most brilliant colors, and produced in such profusion that they completely hide the foliage. Many varieties mixed 5c.

HELIOTROPE. A well known old variety; its delightful perfume makes it a most desirable bouquet flower. Pkt. 5c.

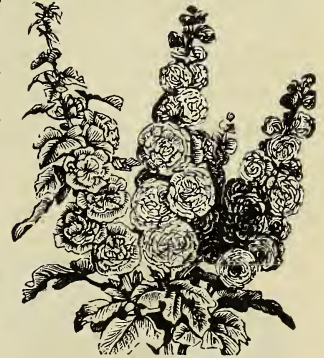
HOLLYHOCK. (*Malven*.) Most magnificent hardy perennial, producing grand spikes of flowers, 5 to 7 ft. Mixed double varieties, 10c.

JAPANESE HOP. (*Humulus Japonicus*.) A splendid annual climber of rapid growth; withstands heat, drouth and insects; remains fresh until late in the fall. Pkt. 5c.

LOBELIA. Exceedingly pretty and of value chiefly for hanging baskets and border work.

—*Speciosa*—Best for hanging baskets. Pkt. 5c.

—*Crystal Palace Compacta*—Deep blue, for bedding. Pkt. 5c.



Hollyhock.

MARIGOLD.



Marigold—Tall African.



New French Marigold—Legion of Honor.

The African and French Marigolds are old favorites; the former have uniformly large yellow or orange colored flowers and are well adapted for large beds; the latter are dwarfer in growth, with beautifully striped flowers and better suited for bedding purposes; succeed best in light soil with full exposure to the sun.

—*Double Tall African*—Mixed, oz. 40c, pkt. 5c.

—*Double Dwarf French*—Mixed, oz. 50c, pkt. 5c.

—*Legion of Honor*. One of the prettiest and handsomest of the Marigolds. A beautiful single dwarf, bushy variety, bearing rich, golden yellow flowers, marked with velvety brown; about 9 in. high. Pkt. 5c.

Giant Japanese Morning Glory

Nothing among flowers can furnish a more beautiful sight than a screen or trellis of these "Giant Japanese Morning Glories."

The plants obtaining a growth of 20 feet by midsummer. The leaves are large hart-shaped, many of them a rich dark color, marbled with silvery white or yellow. The flowers are really gigantic, being double the size of the ordinary kind; their main attraction, however is not their enormous size, but their wonderful coloring. Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion, and sometimes show rare shadings of ash-blue bronze, brown and slate-blue colors rarely seen in any other flowers.

Of the easiest culture, the seed can be sown in the open ground in a sunny situation, when the weather has been warm and settled and even before flowering, are decidedly novel and interesting on account of the varied forms of the foliage and their markings Pkt. 5c, 1 oz. 20c.

MAURANDIA. Graceful climber, for conservatory, parlor baskets, or outdoor purposes; with rich purple, white and rose, tube shaped flowers. Pkt. 5c.



New Japanese Morning Glory.

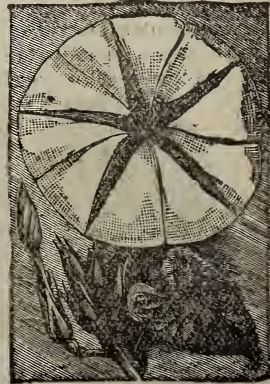
MIGNONETTE. (*Reseda Odorata.*) A well-known annual, producing dense, semi-globular heads of exceedingly fragrant flowers.

—*Ameliorata*—Very sweet scented Pkt. 5c, oz. 25c.

—*Machet*—Best for pot culture; finest of all, Pkt. 10c.

MIMULUS MOSCHATUS. (*Musk Plant.*) The thin, ciliate leaves emit a pleasant musk odor. Pkt. 5c.

MOON FLOWER. (*Spomoea Noctiflora.*) —*White*—The most beautiful of annual climbers. In rich, warm ground the plants readily grow twenty-five feet high. The spomoea flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Pkt. 10c Moon Flower Plants, 15c each; prepaid 20c



White Moon Flower.

—*Spomoea Setosa* (*the New Brazilian Morning Glory.*) A grand and luxuriant twining vine, which twists tightly about its supports. The lobed leaves are from eight to twelve inches across. Flowers about three inches in diameter tinted pink, with a five-pointed star of satiny-pink, followed by curious, heavy seed pods. Pkt. 5c.

NICOTINA AFFINIS. *Sweet Scented Tobacco Plant.* A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of their bloom. Half hardy annuals, three feet high. Flowers white, salver shaped, having long, tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Pkt. 5c.



NASTURTIIUMS. DWARF VARIETIES.

Tom Thumb Nasturtiums are very useful for bedding, massing and ribboning. A few Dwarf Nasturtiums in the yard are very brilliant and attractive and are in bloom all the season. The flowers are more brilliant if the soil is not over-rich. Plant seed one inch deep in rows one to two feet apart; when well started to grow, the young plants should be thinned out or transplanted to stand ten or twelve inches apart, as the plants are liable to rot off in wet weather.

—*Chamelon*.—Straw color, veined with red. Pkt. 5c, oz. 20c.

—*Empress of India*.—Dark leaved with crimson flowers. Pkt. 5c, oz. 20c.

—*King Theodore*.—Dark maroon, bluish green foliage. Pkt. 5c, oz. 20c.

—*King of Tom Thumbs*.—Scarlet, dark foliage. Pkt. 5c, oz. 20c.

—*Golden Cloth*.—Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet. Pkt. 5c, oz. 20c.

—*Dwarf Varieties*, in splendid mixture; 1 lb. \$1.35; ¼ lb. 45c, oz. 15c, pkt. 5c.

TALL VARIETIES.

Few flowers, either as climbing vines or trailing on the ground are more attractive and bright than the Tall Nasturtium. A farm or rural home can hardly have too many of these beautiful climbers, as few flowers impart such rich "bits of beauty" to the garden as the different types of Nasturtiums.

—*Prince Henry*. Shining yellow, marbled bright scarlet. Pkt. 5c, oz. 15c.

—*King Theodore*. Rich, deep red, dark leaves; most striking variety of its class. Pkt. 5c, oz. 15c.

—*Edward Otto*. Flowers light brown, with yellow spur. Pkt. 5c, oz. 20c.

—*Heinemanni*. Silky bronze-chocolate. Pkt. 5c, oz. 20c.

—*Tall Varieties Mixed*. A very choice mixture of the best named sorts, including some "Lobb's Nasturtiums" and the beautiful "New Hybrids." Pkt. 5c, oz. 15c, ¼ lb. 40c, 1 lb. \$1.35.

LOBB'S NASTURTIIUM. As easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Pkt. 5c, oz. 20c, ¼ lb. 60c.

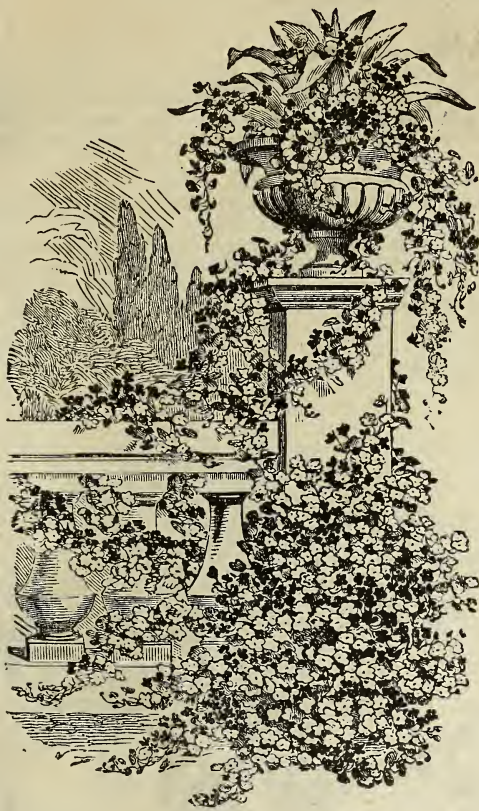
PANSIES.

CULTURE. Pansies grow best and produce the largest flowers in light rich soil, and cool moist weather. Sow the seed thinly in quite shallow drills, as early in the spring as the soil can be dug in fine, loose condition.

When the young plants are well started thin them out or transplant in fresh beds, setting them eight to ten inches apart each way. The seed might also be sown in boxes in the house in February or even as early as January, and kept very cool after started.

Best German and Giant French Mixed. Cold type cannot convey an idea of the indescribable richness, the varied and exquisite coloring the large size, perfect form and great substance of these lovely flowers. The strain of pansy which we here offer comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. Many of the flowers are of mammoth proportions, measuring from two to three inches across, variously striped, blotched, veined and marked. The plants are compact

and bushy and produce great quantities of flowers borne well above the foliage on strong stems. Pkt. 15c.
—*Park Bedding Varieties*. The plants are of even growth; the flowers are large and well above the foliage; a fine strain or bedding purposes.
Odie, large five spotted..... Pkt. 10c
Peacock, purple and peacock blue..... pkt. 10c
Meteor yellow spotted with mahogany-brown..... pkt. 10c
Striped or fancy, very fine..... pkt. 10c
Pure Yellow, fine for bedding..... pkt. 10c
Snow Queen, pure white..... pkt. 10c
Many colors in Splendid mixture..... pkt. 10c, ¼ oz. 40c
Many colors in good mixture..... pkt. 5c, ¼ oz. 25c



New Climbing Nasturtium; Mad. Guenther's Hybrid

NEW CLIMBING NASTURTIIUM. (*Mad. Guenther's Hybrids.*) For richness and variety of colors, these new hybrids have no equal among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark and contrast very effectively with the rich colors. They are climbers and are free and continuous bloomers. Oz. 15c, pkt. 5c.



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—*Park Bedding Varieties*. The plants are of even growth; the flowers are large and well above the foliage; a fine strain or bedding purposes.
Odie, large five spotted..... Pkt. 10c
Peacock, purple and peacock blue..... pkt. 10c
Meteor yellow spotted with mahogany-brown..... pkt. 10c
Striped or fancy, very fine..... pkt. 10c

PETUNIAS.

Beautiful free blooming plants of easy cultivation. They commence flowering early and continue a mass of bloom throughout the season. Sow the seed any time in the Spring in shallow drills or broad cast and when well started thin out or transplant to stand one foot apart each way. The seed of the double and giant flowered varieties is so expensive, that it would be advisable to sow it in boxes in March or April and transplant later.

—*Choice Mixed*.—A choice strain, including many of the large flowering varieties. Pkt. 5c.

—*Large Flowering Fringed*.—A choice selection; the flowers are of very large size and beautiful shape deep throated, and of varied and brilliant colors, and beautifully fringed. Pkt. 20c.

—*Double Large Flowering Fringed*.—Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. Pkt. 25c.

PYRETHRUM. (*Feverfew*.) Sow the seed early in spring in boxes, and transplant.

—*Aureum*—(*Golden Feather*.) Beautiful golden yellow foliage; best for bedding. Pkt. 5c.



Petunia—Large Flowering Fringed.



PHLOX.

There is no annual which can be compared for beauty and brilliancy of colors to the Phlox; their long duration in bloom, combined with their almost unequaled richness of color, render them of invaluable service. Sow the seed thinly in shallow rows and thin out or transplant the plants when 2 in. high, about 6 in. apart.

—*Many Colors Mixed*. ¼ oz. 15c, pkt. 5c.

—*Large Flowering Varieties Mixed*. ¼ oz. 25c, pkt. 10c.

—*Star of Quedlingburg*. A very striking variety. The growth is dwarf and the habit very compact; the flowers are very distinct and of regular star like appearance, thus producing a most brilliant effect. Many colors, mixed. Pkt. 10c.

DWARF PHLOX. A lovely strain, the plants growing very symmetrical in neat little bushes about six to eight inches high and covered with bright flowers during the whole summer and fall; much superior to the other Phloxes for ribbon, bedding or borders. Mixed. Pkt. 10c.

—*Snowball*. Flowers pure white, pkt. 10c.

—*Fireball*. Glowing, brilliant scarlet. Pkt. 10c.

POPPY.

Showy and easily cultivated, hardy plants, with large brilliant colored flowers, do not transplant.

—*The Shirley Poppy*. The plants grow about 2½ feet high with large, finely shaped flowers being generally single or semi double, and running through a great variety of colors, from bluish and white to rose and crimson. Pkt. 5c.

—*Tulip Poppy*. Produces large, splendid, bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; fourteen inches high. Pkt. 5c.

—*Carnation Flowered*. Splendid double fringed flowers of various colors. ¼ oz. 15c, pkt. 5c.

—*Mikado*. The large, double flowers are brilliant scarlet and white, with elegantly curved petals; pkt. 5c.

—*Iceland Poppy*. Hardy perennial; blooming the first year from seed; of graceful, neat habit, with bright green, fern-like foliage. The colors range from purest white to the deepest orange-scarlet. One foot high; pkt. 10c.



Poppy; Carnation Flowered.

Poppy; Carnation Flowered. One foot high; pkt. 10c.

A FEW OF THE FINEST NEW SWEET PEAS.

CULTURE. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good, strong growth before the warm weather comes. Prepare the ground by thoroughly working in a quantity of well rotted manure. Make a trench 6 inches deep, in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming. **GOOD ADVICE.**—Sweet Peas do best in compact, settled ground; do not loosen the soil around the plants and give only a shallow surface cultivation. Plant the seed in a very warm, sunny spot.

Blanche Burpee. Largest and best pure white. Pkt. 5c. oz. 10c, $\frac{1}{4}$ lb. 25c.

Blanche Ferry Ex. Early. Bright pink standards and white wings. Pkt 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Countess of Powis. Glowing orange, suffused with light purple, with a beautiful satin polish. Pkt. 5c. oz. 15c. $\frac{1}{4}$ lb. 30c.

Countess of Shrewsbury. A blending of pink and purple, plus pinkish white. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Crown Jewel. Primrose ground, veined with violet rose; charming. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Her Majesty. Large hooded flowers of a most beautiful rose color. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

Lady Marie Currie. A deep orange-pink, delicately shaded rosy-lilac, a most charming flower of exquisite brilliancy. It was awarded three first-class certificates in England. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 35c.

Lady Nina Balfour. One of the most exquisite of recent introduction; most delicate mauve imaginable, beautifully shaded with a charming dove-gray. Pkt. 5c. oz. 15c, $\frac{1}{4}$ lb. 35c.

Lovely. This is indeed lovely; a most pleasing shade of soft shell-pink. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

Mars. A grand sort; magnificent form; brilliant scarlet. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Mrs. Eckford. Beautifully shaded primrose-yellow. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

OUR BEST MIXTURE. This mixture has been made up by ourselves in a most carefully arranged proportion of colors, including the most recent novelties as well as the latest introduction of Eckford's Large Flowering sorts. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 25c, 1 lb. 90c.

CHOICE MIXED. Harvest in mixture. Large pkt. 5c., oz. 10c, $\frac{1}{4}$ lb. 20c; 1 lb. 50c.

PORTULACCA. (*Rose Moss.*) A very beautiful and brilliant little flower. Plant in open ground after it has become warm, in light soil and in a dry situation. Very useful in bed or edgings.



—Single Mixed, $\frac{1}{2}$ oz. 25c, pkt. 5c.
—Double Mixed, $\frac{1}{2}$ oz. 75c, pkt. 10c.



Double Portulacca.

SCABIOSA. (*Mourning Bride.*) One of the handsomest summer plants; producing in great profusion very double flowers in a variety of shades and colors. Mixed sorts, pkt. 5c.

SALPIGLOSSIS. Flowers resembling the Petunia in shape and size; beautifully veined and tinted, very ornamental; 2 $\frac{1}{2}$ feet. Mixed varieties, 5c.

SWEET WILLIAM. (*Dianthus Barbatus.*) The seed can be planted very early in the spring and will blossom the following summer, or sown in August will make blooming plants for spring.

—Single Mixed, pkt. 5c. —Double Mixed, pkt. 10c.

STOCKS. Large flowering, ten weeks. Pkt. 10c.

SUNFLOWER. (*Helianthus.*) —Double varieties mixed. Flowers immense, from 12 to 15 inches in diameter; globular and extremely double; the most effective of all annual sunflowers. Pkt. 5c.

Prima Donna. A most lovely shade of soft pink, a great gem. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 20c.

Prince Edward of York. Standards of a lovely shade of scarlet, wings of the deepest rose. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 25c.

Ramona. Creamy white, daintily splashed and flaked with soft pink. Pkt. 5c, oz. 10c, $\frac{1}{4}$ lb. 30c.

Royal Rose. Standard a deep pink-rose, wings a lighter shade of the same color; one of the largest. Pkt. 5c, oz. 10c. $\frac{1}{4}$ lb. 25c.

Salopian. Color deep crimson, tinged with scarlet; one of the best and most desirable of recent introduction. Pkt. 5c, oz. 15c, $\frac{1}{4}$ lb. 30c.

Shahzada. A rich dark maroon with a shade of purple. Pkt. 5c, oz. 10c $\frac{1}{4}$ lb. 25c.

Triumph. A most exquisite bright orange-pink; wings white, slightly flushed with delicate purple, of enormous size. Pkt. 5c. oz. 10c, $\frac{1}{4}$ lb. 30c.

Double Sweet Peas There is yet no strain of Sweet Peas, much less any variety, that has a fixed habit of doubling, and the result of the difficult task by hybridization and selection to change the habit of the Sweet Peas, at best is really semi-double flowers, a certain percentage of which can be found in such varieties as "Apple Blossom," "Boreaton," "Captain of the Blues," etc. Pkt. 5c, oz. 10c.

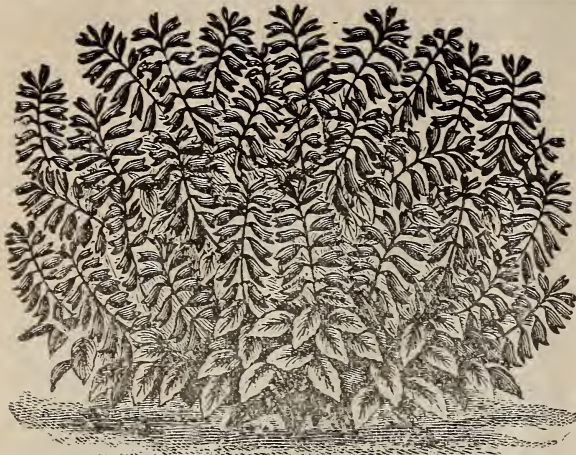


Ricinus. New Zanzibar.

RICINUS. (*Castor Bean.*) Picturesque foliage plants that rapidly attain gigantic proportions, and are ornamental until destroyed by frost. Many sorts mixed. Oz. 20c, pkt. 5c.

—*Cambodgensis*—Large palm-like leaves of brilliant bronzy-red, stalks nearly black. Pkt. 5c.

—*New Zanzibar*—A new and distinct class which surpass in size and beauty all the varieties heretofore known; the plant grows from 10 to 15 feet high and the leaves measure about 30 inches across. Mixed varieties $\frac{1}{2}$ oz. 20c, pkt. 5c.



New Scarlet Sage. "Clara Bedman."

SALVIA. (Flowering Sage)

Most gorgeous plants, with intensely vivid scarlet flowers; a bed of them surpasses the finest scarlet geraniums in brilliancy and continuous bloom.

—*Splendens*—(Scarlet Sage.) Pkt. 5c.

—*Patens*—The purest and brightest blue of all flowers. Pkt. 10c.

—*Clara Bedman*.—(Bonfire.) This new, large flowering Salva (Scarlet Sage) forms handsome globular bushes about two feet high by two feet in diameter. The spikes grow erect, and stand clear above the foliage, completely covering the plant, and are of almost brilliant dazzling scarlet. Pkt. 10c.

THUNBERGIA. Beautiful climbers for hanging baskets and lawn vases; flowers trumpet-shaped, mixed colors. Pkt. 5c.

VERBENAS.

Plants grown from the seed are not only cheaper, but are strong and vigorous in growth, with rich dark green foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame or shallow boxes of light, sandy soil, in a sunny window; or it may be sown thinly in shallow drills in open ground. When the young plants are well started, they should be thinned or transplanted to stand 12 in. apart in the row.

—*Hybrida*, Fine Mixed—a very good strain. Pkt. 5c, ¼ oz. 30c.

—*New Mammoth Verbenas*—of unusual size, embracing a wide range of colors. Pkt. 10c. ½ oz. 40c.

VINCA. They flower from seed, if sown early the first season, continuing until frost; or they may be potted and kept in bloom through the winter.

—*Rosea*—Rose, dark eyed; pkt. 10c.

—*Alba Pura*—Pure white, pkt. 10c.

Our Flower seed is imported direct from Erfurt, Germany. (the great flower center) and guaranteed to be fresh and of the highest type.

VIOLAS. Sow the seed in May, and when in flower in August or September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom out and throughout the spring will give a profusion of flowers. Finest, mixed. Pkt. 5c.

ZINNIAS.

A very showy plant, with large, double, imbricated flowers, which might easily be mistaken for dwarf Dahlias. Sow the seed thinly in drills early in the spring, transplanting the young plants when 2 or 3 in. high to stand from 1½ to 2 ft. apart; or 2 or 3 seeds may be planted in a slightly raised hill.

—*Large Flowering Double Mixed*—This is a mixture of the largest Zinnias yet obtained; including the curled and crested varieties, with its most fantastic and graceful forms, as well as the MAMMOTH ZEBRA strain; with its curious markings. Pkt. 5c.

—*Liliput, Double Mixed*—This strain grows about one foot high and bears a confusion of comparatively small, very double, globular flowers about one inch in diameter and very brilliant in color. Pkt. 10c.



Wild Cucumber.

WILD CUCUMBER.

1275. This is the *quickest growing climber* in our list. Grows wild, self sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree, or an unsightly building. Pkt. 5c, ½ oz. 15c.



Zinnia Large Flowering Double

SUMMER FLOWERING BULBS AND PLANTS.

CANNAS.

ITALIA. Remarkable for its sturdy rank growth, forming massive clumps, 6 to 7 feet high, covered from the ground up with large, deep green Musa-like foliage. The flowers set well above foliage, are of a bright orange-scarlet with a very broad golden yellow border—the petals are very broad, with slightly reflexed edges, hence the close resemblance of the flowers to some of the orchid family. Growing plants, each 15c.

BURBANK. The gigantic flowers are of a pure canary yellow, with but a few traces of small reddish brown spots in the center of the two inside petals. Growing plants, each 15c.

FLAMINGO. 3½ ft.—solid glowing crimson, green foliage, large open flowers, one of the best for winter blooming in the house.

QUEEN CHARLOTTE. 3½ ft. crimson scarlet, with wide gold border on every petal, broad green leaves; a perpetual bloomer and by many considered the finest of its class.

ALPHONSE BOUVIER. 6 ft.—bright crimson flowers of very large size. Green foliage a very luxuriant grower.

FLORENCE VAUGHAN. 4½ feet—color brilliant yellow, spotted with bright red; conceded by all to be the finest yellow-spotted canna

CHARLES HENDERSON. 3½ feet—color bright crimson, center of the flower marked with golden pencillings.

MADAM CROZY. 4 feet—flowers a dazzling crimson scarlet, bordered with golden yellow; the plant is of vigorous growth, yet dwarf in habit.

PAUL MARQUANT. 4 ft—a vigorous grower, foliage a deep green, strong flower spike; large flowers of a deep salmon color, smoothly shaded orange, a profuse bloomer and an excellent grower.

EGANDALE. 4 feet—a most excellent variety with bronze foliage and soft currant-red flowers, which are thrown well above the foliage, the finest bedding canna of its color.

CHICAGO. 4 feet—best vermilion scarlet to date; green foliage, flower truss and stalk stand boldly erect; an exceedingly free bloomer and strong grower, a very showy variety.

METALLICA. 5 ft—foliage dark crimson most beautiful for contrast; planted for its foliage only. Of this variety we have the roots only—no plants.

All above varieties, except where noted: Dry roots, each 10c doz. \$1 00; Growing plants 15c, doz. \$1.50

TUBEROUS ROOTED BEGONIAS.

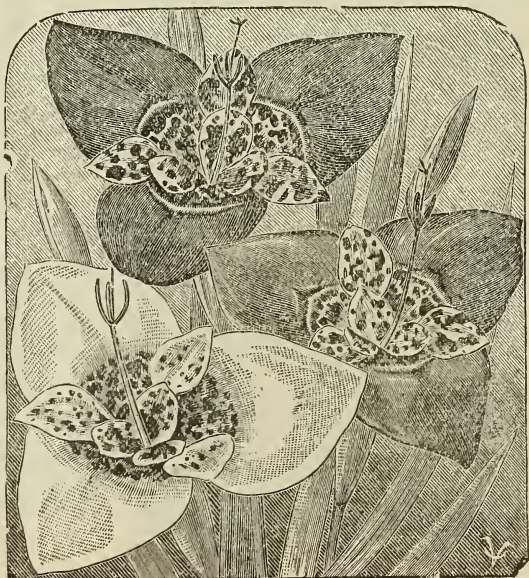
The Tuberos Rooted Begonias are among the most beautiful and desirable of all bulbous plants. For bedding in quantity, and when planted in partial shade and protected from severe storms will give great satisfaction. Single mixed, all colors, 10c each, dozen \$1.00

HYACINTHUS CANDICANS. A fine bulbous plant producing in July and August a flower stem 3 to 4 feet high, covered with from 20 to 30 pure white pendent, bell shaped flowers. It is hardy in most sections of the country; but north of this it would be better to protect it with leaves or long manure. 10c each, two for 15c.

TIGRIDIAS. These are one of the easiest plants in the world to cultivate and always sure to bloom abundantly in any situation and to cause admiration. The bulbs should be planted in the open ground in May. They commence blooming early in July and October. Late in autumn the bulbs should be lifted, dried and stored in the cellar like Glaciolus. We can especially recommend these bulbs, as they are sure to give satisfaction. Each 6c, 4 for 20c, prepaid.



New Giant Canna "Italia."



Tigridias.

AMARYLLIS.

A. EQUESTRE. The flowers open out very flat and are nodding, instead of being in the form of most Amaryllis. They are five or more inches across bright, sparkling, orange red, with a most beautiful green and white star in the center. Each 15c, prepaid 20c.

A. BELLADONNA MAJOR. A noble flower from the cape of Good Hope. The flowers appear in the fall and are a most beautiful satiny rose imaginable, and of exquisite fragrance. They are produced in umbels of six to twelve flowers in a cluster. Large bulbs, each 20c, prepaid 25c.

A. JOHNSONI. The flowers of this magnificent variety are large and of fine crimson color, striped with white. Large bulbs, each 30c; prepaid 40c.



Amaryllis Johnsoni.

TUBEROSES.

The Tuberose is a justly universal favorite, and grown so easily that every garden should have a plentiful supply. Outside planting should not be done before April.

EXCELSIOR PEARL. Very sturdy and dwarf in habit; flower large and double. Each 5c, doz. 40c; prepaid doz. 50c.

TALL DOUBLE. From 3½ to 5 feet high; fine open flowers, free-blooming. Each 5c doz. 40c; prepaid doz. 50c.

PAEONIAS.

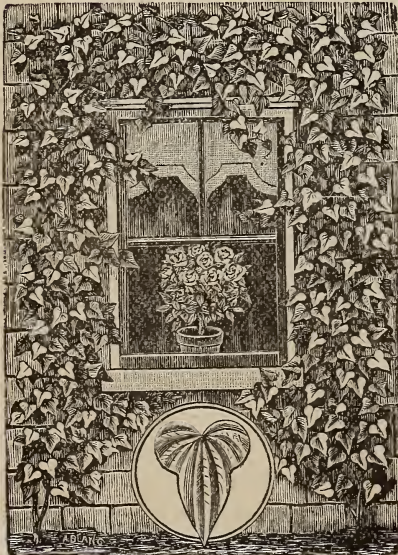
This old fashioned hardy plant is probably one of the best known of the flower garden. They are very handsome, flowering freely in the early summer, varying in color from pure white to blush and deep crimson; 25c each, prepaid 35c.

CINNAMON VINE.

A very pretty vine to train around the window or on a veranda. Perfectly hardy; dies down every autumn but grows up again in the spring. The leaves are heart shaped, bright glossy green, flowers white, height 15 to 16 ft. Roots 8c each, three for 20c, doz. 75c.



Tuberose.



Cinnamon Vine.



Gladiolus.

GLADIOLUS IN COLORS.

If to go by mail, add 5c per dozen.

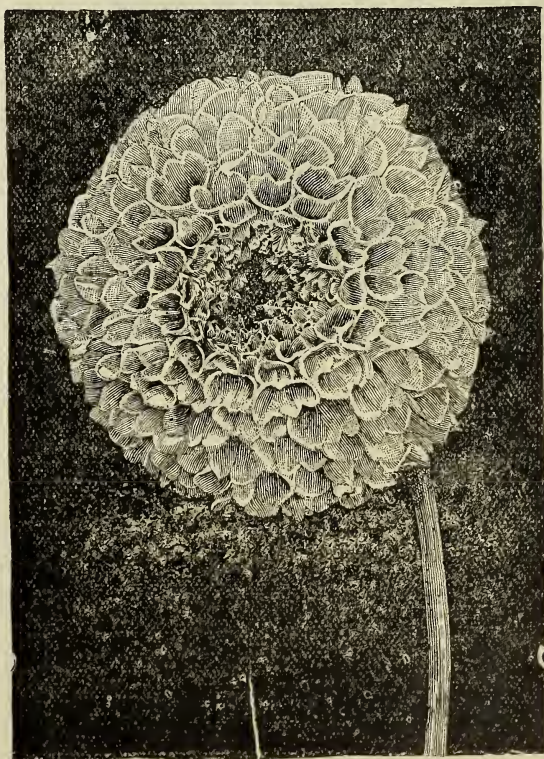
These mixtures will be found to contain flowers equal to finest named kinds and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. The SCARLETS produce many shades of red and variations. This is also the case with the WHITES, which vary to light pink and lemon-tinted. Our mixtures contain *all full-sized* bulbs only; not bulblets. Plant in April and May about 3 inches deep; in the fall the bulbs may be taken up and stored in a dry, cool place.

Reds of various shades.....	each	4c,	doz.	25c,	100	\$1.50
Light and White.....	"	5c,	"	40c,	"	2.50
Pink of various shades.....	"	5c,	"	40c,	"	2.25
Striped and variegated.....	"	5c,	"	40c,	"	2.25
Yellow Shades.....	"	5c,	"	45c,	"	3.00
Mixed, all colors.....	"	4c,	"	25c,	"	1.50

DAHLIAS.

The dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect, and the range of colors so large and varied that they will always be popular where display is wanted. The varieties we here offer are the best, comprising all the positive colors, with their most striking shades. Each 15c, doz. \$1.50; postpaid, each 25c.

- Crimson Ball*—Bright crimson purple, of perfect ball shape and always full to the center.
- Yellow Bird*—A very free bloomer; clear yellow; fine form.
- Snowdrift*—A very large pure white flower; smooth round petals.
- Beauty of the Grove*—Pink, tinged with peach; of fine form.
- Gem*—Deep crimson, large, very double and good bloomer.
- Midnight*—Dark maroon, flamed with crimson; a beautiful sort
- Lady d' Amour*—Variegated, very double and free bloomer.



Double Dahlia—Snowdrift.

LILIES.

Album Speciosum. Pure white, with petals reflexed and slightly tinted pink at the tips; perfectly hardy and altogether one of the finest; 20c each, postpaid 25c.

Auratum. (*Gold-Banded Lily of Japan.*) Decidedly the most beautiful of all lilies; the immense white flowers, with crimson spots and golden bands through the center of each petal, are produced in the greatest profusion, and are deliciously fragrant; 20c each, postpaid 25c.

Rubrum. Rose and white spotted with crimson; very beautiful free-blooming and distinct variety; 20c each, postpaid 25c.

Trigrinum fl. pl. (*Double Tiger Lily.*) Very hardy and freeblooming, with beautiful orange flowers, spotted with black. 15c each, postpaid 20.

MADEIRA VINE. Tuberous rooted climber with glossy green leaves, and delightfully fragrant, white blossoms; of very rapid growth, and from new tubers vines will be produced sufficient to cover one side of a cottage in a single season. 2 for 5c, doz. 30c; postpaid, dozen 35c.



Clematis Jackmanni.

Clematis Henryi.

Clematis Paniculata.

CLEMATIS.

For house fronts or pillar vines, nothing can surpass the Clematis in grandeur and beauty.

The roots are perfectly hardy although the tops die down to the ground every fall. In planting the roots, the ground should be dug very deep.

—*Jackmanni*—Probably the most beautiful climber in cultivation, with rich deep, velvety-purple flowers; a very strong and healthy grower. Three-year old roots, each 75c, postpaid 90c.

—*Henryi*—A strong grower; flowers from four to five inches in diameter and pure white; very hardy. Three-year old roots, each 65c, postpaid 80c.

Paniculata—This is a valuable Japanese introduction, one of the finest additions

to our list of hardy climbers; a very strong, vigorous plant, and as easily grown as the common Honey suckle. The flowers are of medium size, pure white borne in immense sheets, and appear in August when other climbers have ceased blooming; a very pretty plant; extra strong roots. Each 35c, post-paid 40c.

CALADIUM ESCULENTUM. (*Elephant's Ear*) One of the most beautiful and striking foliage plants; immense leaves of fine rich green. Before planting dig up the bed and put in plenty of fresh warm manure; 25c each; extra large bulbs, 40c; postpaid.



Caladium Esculentum.

LAWN GRASS.

To produce a good lawn, plow or dig up the surface thoroughly to a depth of 12 or 14 inches and mix the soil

with well rotted manure or bone dust, the latter being at all times preferable, as it is more durable in its effects and free from weed seeds, which are always contained in more or less quantities in stable manure.

The seed can either be sown as early in the spring as the ground can be worked or late in the fall. When the young grass is about five or six inches high, it should be mown, and a continual cutting at regular intervals will be found very beneficial.

The seed we offer is as pure and reliable as can be found anywhere, and our special mixture is composed of those grasses which form an enduring, velvety turf, mixed in such proportions to enable it to withstand the summer drouth. Per lb. 20c, postpaid 30c.

LAWN FERTILIZER. The first application should be made early in the spring, as soon as the frost is out of the ground. 5 lbs. 25c, 10lbs. 50c, 100 lbs. \$2.00.

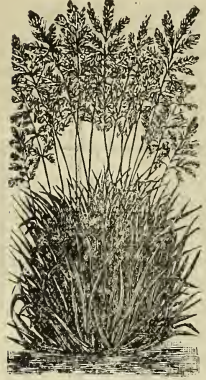
LAND PLASTER. 5 lbs. 15c, 100 lbs. \$1.50



Lawn Grass.

Miscellaneous Farm Seeds

Prices except where quoted will be given on application.

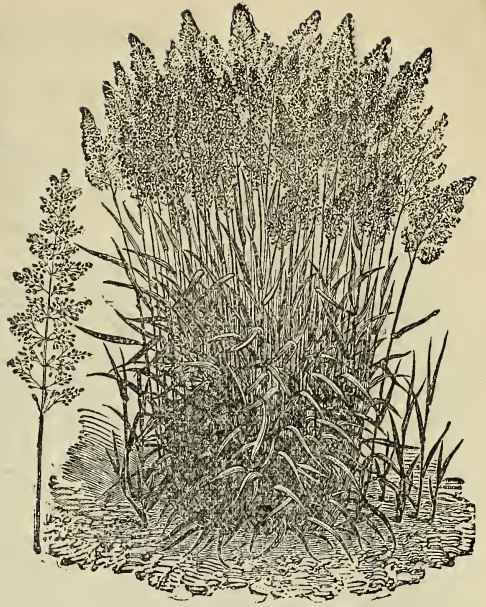


Kentucky Blue Grass.

WRITE FOR MARKET PRICES
ON GRASS AND FIELD SEEDS



Orchard Grass.



Red Top.

KENTUCKY BLUE GRASS. (*Poa Pratensis*.) Also known as June and Meadow Grass. 14 lbs. to the bushel. Extra cleaned. 1 lb. 15c, prepaid 25c. Fancy cleaned, 1 lb. 20c; prepaid 30c.

ORCHARD GRASS. (*Dactylis Glomerata*.) Adapted for sowing under trees in orchards, and excellent for haying and grazing. 2½ feet high. 2 bushels to the acre, 14 pounds to the bushel.

RED TOP. (*Agrostis Vulgaris*.) Thrives well in almost any soil; if allowed to grow up to seed the cattle will refuse it. 14 pounds to the bushel, 2 bushels to the acre.

TIMOTHY. (*Phleum Pratense*.) The best for hay. 45 lbs. to the bushel. Sow ¼ bu. to the acre.

ENGLISH BLUE GRASS OR MEADOW FESCUE. (*Festuca Pratensis*.) Will stand more freezing than most other varieties. 2 to 3 feet high, 24 pounds to the bushel.

GERMAN OR GOLDEN MILLET. Height 3 to 5 feet, large spikey heads, 50 pounds to the bushel, ¼ bushel to the acre.

COMMON MILLET. Good hay. 2½ to 4 feet high, 50 lbs. to the bushel. Sow ½ bushel to the acre.

ALSIKE OR SWEDISH CLOVER. [*Trifolium Hybridum*.] Almost equal in nutritive value to the Red or Pea Vine Clover; perennial, 60 lbs. to bushel.

RED CLOVER, MAMMOTH OR PEA VINE. Market price.

RED CLOVER, MEDIUM. (*Trifolium Pratense*.) Market Price.

WHITE CLOVER. [*Trifolium Repens*] Should be introduced in all mixtures, for permanent pastures. 60 pounds to the bu. Fancy cleaned for lawn purposes, 30 lbs.



Swedish Clover.



Partial View of a field of Teosinte on the farm belonging to Dr. J. W. Perkins, 5 miles from Kansas City, Mo.

TEOSINTE. *FINEST FORAGE PLANT GROWN.*
Extract from the statement of the experiment station of the State Agricultural College: "This valuable forage plant produces from 20 to 50 or more full-sized stalks from each seed, causing the rows to spread until they reach each other, so forming an impenetrable thicket. The leaves resemble those of corn, but are longer and narrower. Plants grow from 10 to 12 feet high; both the green and the dry fodder is greatly relished by stock. The yield per acre on an average for three years was 23.9 tons per acre." Plant in rows 3 feet apart and thin out to 1 foot in the row; about 2 pounds to an acre. The field of Teosinte as shown in the photograph was planted June 19th and cut September 19th, and yielded 33 shocks on ¼ of an acre cut 4 rows one way; the shocks were as large and some larger than corn cut 16 rows each way. ¼ lb. 30c, 1 lb. \$1.00.



Kaffir Corn.
days earlier. (Bu. 50 lb.) lb 5c.

KAFFIR CORN. Write for Market Prices on all Field Seeds.

It grows from four to five feet high, making a straight upright growth. It has a stalky stem with numerous wide leaves. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. For the grain sow in rows three feet apart, three to five lbs. to the acre; for fodder sow $\frac{1}{2}$ bu. to 1 bu. to the acre, either broadcast or drills. Per lb. 5c, per bu. (50 lbs.) 90c.

DWARF ESSEX RAPE.

The true Dwarf Essex Rap is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop," for it grows best late in the season. In Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten to twelve pounds per acre broadcast, or four to five per acre in drills fifteen inches apart. 12c per lb., postpaid 22c per lb.

BROOM CORN. (Market price)

IMPROVED EVERGREEN. From 8 to 10 feet high; free from crooked bush; does not get red in the field before cutting, Lb. 5c. Bu. 48 lb.

SUGAR CANE. (Market price)

EARLY AMBER. A variety of sugar cane which has been largely tested for fodder as well as for sugar-making; 10 to 12 feet high. Per lb. 5c.

EARLY ORANGE. A well known variety, well adapted to the South and West. It is from 8 to 10 days later than Early Amber. Per lb. 5c. Bu. 50 lb.

BUCKWHEAT. (Market price)

NEW JAPANESE. The most productive and the most profitable variety to raise. It will yield fully twice as much on the same ground as any other, and ripens a week or ten

COMMON. The variety usually sown for bees. Bu. 50 lbs.) lb. 5c.

NOTE—Prices are subject to variation without notice.
TERMS—Cash with order.

POTATOES.

We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

Our market affords many kinds we do not quote. For special varieties ask for prices.

The stock we offer is grown especially for us in the northern part of Michigan and Dakota. There is no vegetable grown which makes such rapid improvement as the potato when brought from a northern latitude.

RURAL NEW YORKER. The best intermediate and main crop potato; very large and unusually smooth with few and shallow eyes, oblong, inclining to round, skin and flesh white. Per pk. 35c, per bu. \$1.10, per bbl. \$3.00.

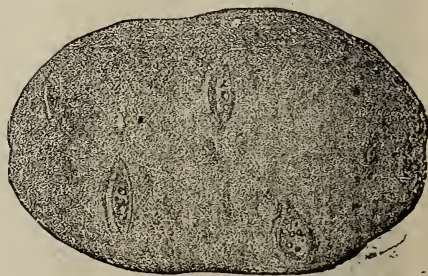
BURBANK'S. One of the most prolific of the late sorts, and a standard variety. It somewhat resembles the White Elephant, but it is a little smaller and more even. Per pk. 30c, per bu. \$1.00, per bbl. \$2.75.

PEERLESS. Somewhat oblong in shape, very uniform and handsome; flesh pure white very mealy whether baked or boiled. Medium in season, a good keeper. Per pk. 35c, per bu. \$1.10, per bbl. \$3.00

BEAUTY OF HEBRON. One of the best early sorts; a good cropper matures a week earlier than the Early Rose, skin slightly flesh colored, with pure white flesh. Per pk. 30c, per bu. \$1.00, per bbl. \$2.75.

MICHIGAN EARLY ROSE. Ours is the true stock, which is all that need be said of this truly popular variety. Per pk. 35c, per bu. \$1.10, per bbl. \$3.00

EARLY OHIO. (Red River Stock.) Our stock of this popular variety is remarkably choice,



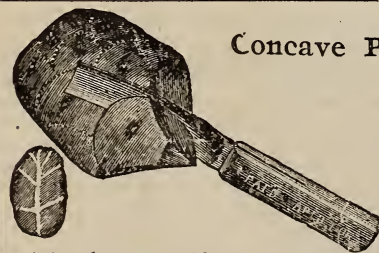
Early Rose.



Early Ohio.

Concave Potato-Knife.

Very useful for cutting the eyes out of potatoes, without cracking the tubers or injuring the germs. Endorsed by



potato planters 30c each, prepaid; 6 for \$1.50.

having been selected with the greatest care. For market purposes it has no superior in point of earliness, yield and quality. Per pk. 35c, per bu. \$1.10, per bbl. \$3.00.

SEED CORN.—NORTHERN GROWN.

If to go by mail add 15c per quart. (Grown in Nebraska.)

PRIDE OF THE NORTH. [Ninety days] The earliest corn grown, a 90 day yellow Dent. Planted as late as July 4th, it has fully matured by October 1st. The kernels are closely set together on the cob the stocks usually grow 6 to 8 feet in height, producing one or two good ears. Qt. 10c; ¼ bu. 35c, 1 bu. 1.10.

—*Leaming.*—(Ninety days.) One of the earliest yellow Dent corns in cultivation. The ears are of good size and handsome, with deep large grains, stalks medium size, generally producing two good ears each. Qt. 10c; ¼ bu. 35c. per bu. 1.10.

—*Golden Beauty.*—[110 days.] Ears 12 to 14 rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. Qt. 10c, ¼ bu. 25c, per bu. 90c.

—*Hickory King.*— Has the largest grains, with the smallest cob, of any White Corn grown; generally bears two good-sized ears to the stalk. Qt. 10c, ¼ bu. 35c, 1 bu. \$1.10

—*Champion White Pearl.* Stocks short and thick. The grains are pure white, deep and heavy, highly recommended. Qt. 10c, ¼ bu. 30c, per bu. \$1.00

—*Jumbo King.*—As its name indicates, very large, if not the largest corn grown. The ears are very large and well formed, with from 14 to 16 rows, grains large, deep and of a bright yellow color, the stalk is large, averaging from 10 to 14 feet. This variety, wherever introduced, has given unusual satisfaction, both on account of its large yield, fine quality of grain and superior fodder. Qt. 10c, pk. 25c, bu. 90c.

IOWA GOLD MINE.—It is early, ripening in about 100 days, ears are of good size and symmetrical; color a bright golden yellow; grain is very deep; cob small, and therefore dries out very quickly as soon as ripe. Qt. 10c; pk. 30c; per bu. \$1.00.

HARDEN SEED CO'S WHITE PERFECTION SEED CORN.

For a white corn this is nearest to a perfect corn of anything we have seen for years. Of the Dent variety, with bright seed, glossy white kernels, cob alternating red and white. Ear from 10 to 12 inches long, corn growing well over the tips of the cob. Matures in from 90 to 100 days, and is adapted to all corn growing localities. Kernels long, narrow and white, with very little starch. An excellent variety for poultry purposes, and unexcelled for meal. Per pkt. 10c, qt. 40c, postpaid, pk. 50c, bu \$1.50.

OATS.

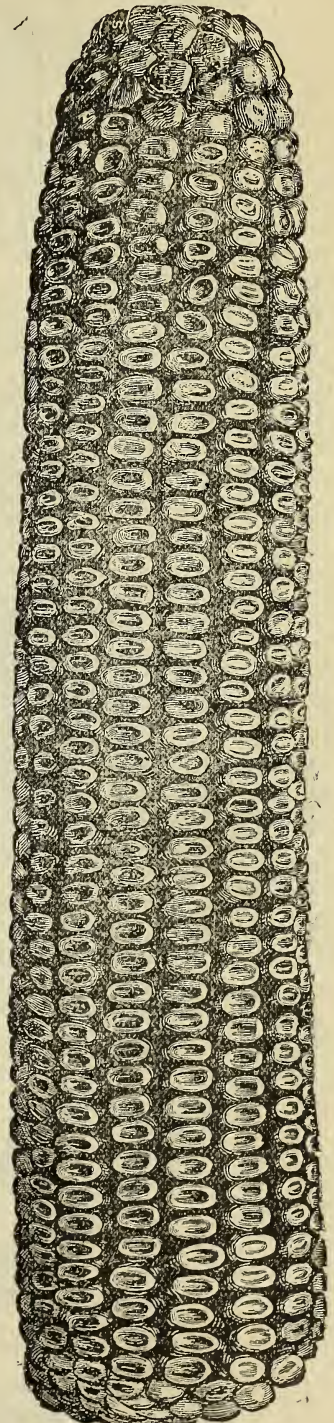
—*Golden Giant Cluster*—Its strong straw adapts it to rich bottom land, where common oats will fall down and waste. The heads are compact and often measure over 11 inches in length. The grain is heavy, large and plump, with very thin hull. Price, ¼ bu. 20c. 1 bu. 65c.

—*Red Rust Proof Oats.*—Very early, rust proof, does well on thin ground and does not lodge if grown on rich ground, will bear neglect or a bad season and still make a crop. Will weigh over 40 lbs. per bushel. ¼ bu. 20c, 1 bu. 65c.

BERMUDA GRASS. Largely grown in the South, with an average yield of about 7 tons per acre. It is a tender, delicate grass, growing over and binding the most arid and loose land. Grows luxuriantly in any soil; very valuable for pasture and excellent for saving hill sides which are liable to wash. The seed is very difficult to obtain. Time of sowing, April to June. Per lb. \$1.50.

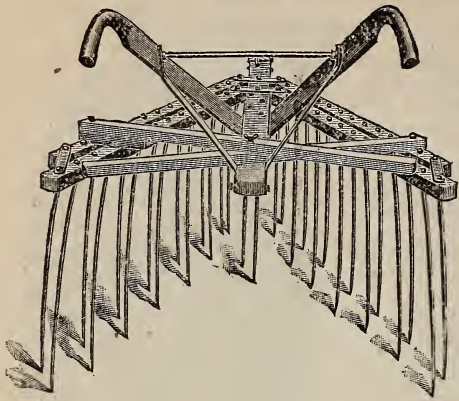
TREE SEEDS.

	Oz.	¼ lb.	1 lb.
White Ash.....	\$0 05	\$0 10	\$0 50
Box Elder.....	05	10	50
Black Locust.....	05	15	35
Honey Locust.....	05	15	35
Hardy Catalpa.....	10	25	75
Osage Orange.....	10	15	35
American Arbor-Vitæ.....	20	60	2 00
Norway Spruce.....	15	40	1 25
Red Cedar.....	10	35	1 00
Apple Seed.....		15	30

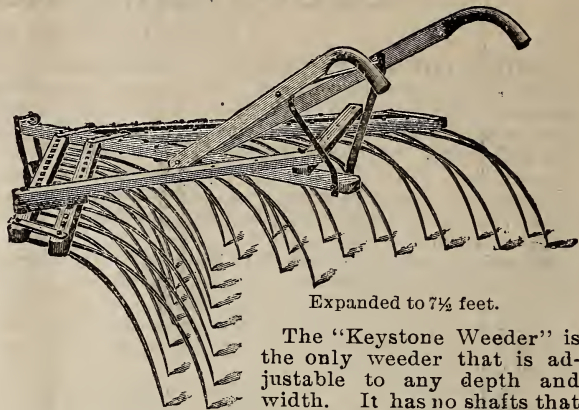


Golden Beauty.

THE KEYSTONE WEEDER.



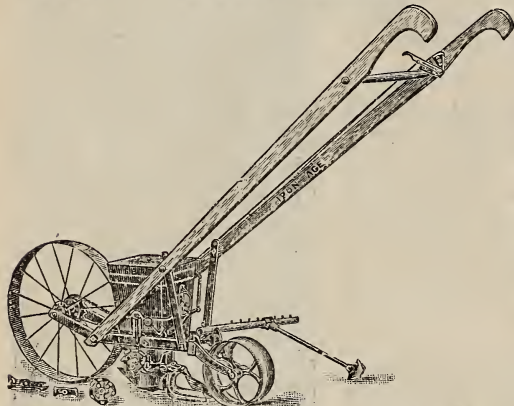
Narrowed to 30 inches.



Expanded to 7 1/2 feet.

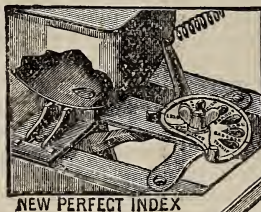
The "Keystone Weeder" is the only weeder that is adjustable to any depth and width. It has no shafts that will hinder working close to the fence. It will not clog; the long, curved spring teeth are so placed and shaped that clogging is impossible. Twelve to fifteen acres can be covered in a day. It requires but one horse, and a boy can handle it. The teeth will not break. Price \$10.00

THE "IRON AGE" WHEEL HOES AND DRILLS.

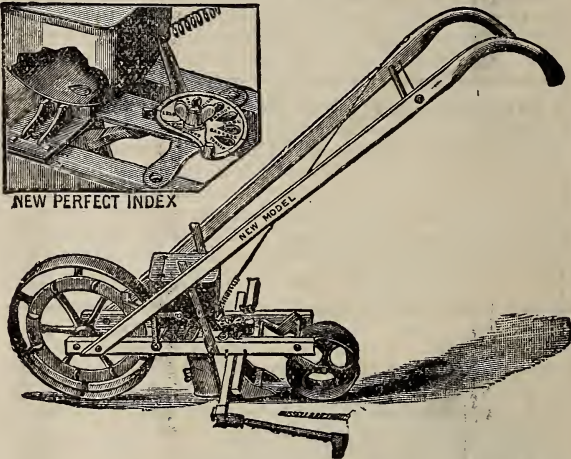


THE "IRON AGE" HILL AND DRILL SEEDER.

This Hill and Drill Seeder is offered to the public after most thorough study and careful experiments in the fields. Never has there been a tool introduced which has met with such universal satisfaction, even from the most severe critics. Write for Iron Age catalogue with complete description. Price \$12.00



NEW PERFECT INDEX



New Model Seed Drill.

NEW MODEL SEED DRILL. Considered to be the best seed drill in use. It sows all garden seeds accurately at any desired thickness or depth, in the most perfect and desirable manner; is remarkable for simplicity and perfection of work; in short, it is rightly called the latest and best. Price \$6.50



IRON AGE COMBINED DOUBLE WHEEL HOE, HILL AND DRILL SEEDER.

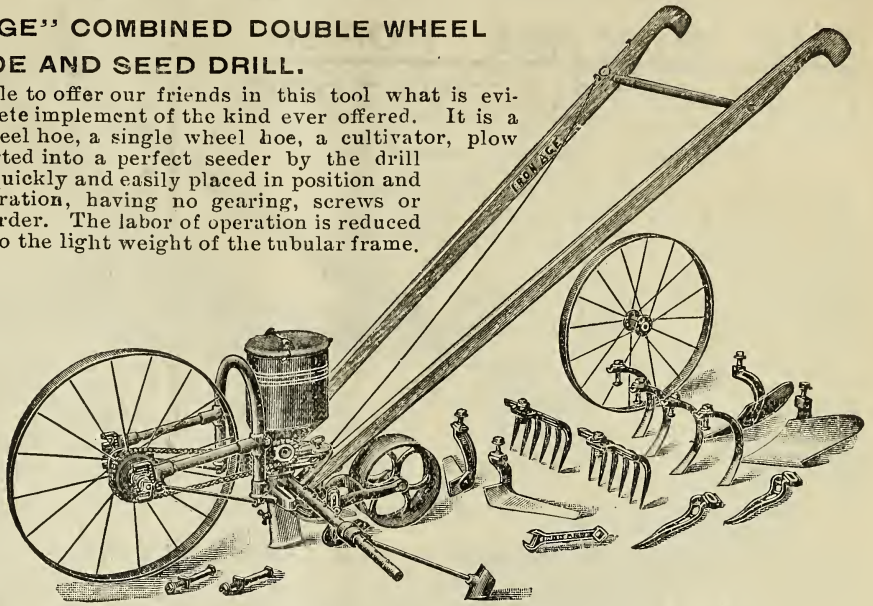
This tool is similar in construction to the combined Wheel Hoe and Seed Drill, but besides drilling it will also drop in hills at 4, 6, 8, 12 or 24 inches apart all the small seeds varying in size from celery to corn. Can be instantly changed to drop from hills to drills or vice versa. It is clog proof. Price \$12.00

**THE "IRON AGE" COMBINED DOUBLE WHEEL
HOE AND SEED DRILL.**

We are glad to be able to offer our friends in this tool what is evidently the most complete implement of the kind ever offered. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake. It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position and which is simple in operation, having no gearing, screws or springs to get out of order. The labor of operation is reduced to a minimum, owing to the light weight of the tubular frame, high wheel, etc.
Price \$10.50

**DOUBLE WHEEL
HOE WITH
WEEDER ATTACHMENT.**

Very often it is found, especially at the time of first hoeings, that the crust of soil is so firm that the hoes will not break it sufficiently to destroy the young weeds just germinating, or if a shower falls soon after the hoeing and the weeds seem to spring up with renewed vigor, just here this new weeder attachment

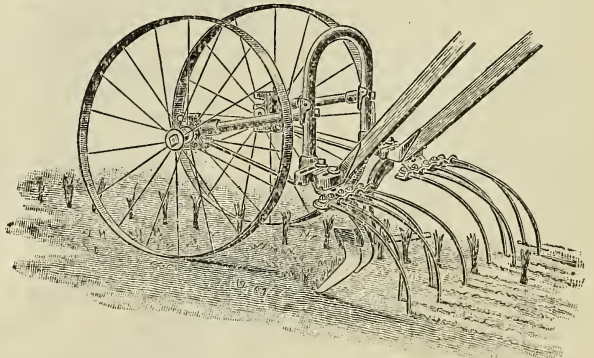


The "Iron Age" Combined Double Wheel Hoe and Seed Drill \$10.50.

comes in full play. Price of weeder attachment per pair \$1.00.

**THE "IRON AGE" SINGLE
WHEEL HOE,
CULTIVATOR
PLOW AND
RAKE, \$5.50**

This tool is in regard to the work done, almost a counterpart of the Double Wheel Hoe, and the same remarks



Double Wheel Hoe With Weeder Attachment.

as to its construction extreme lightness and ease of operation will apply with equal force.

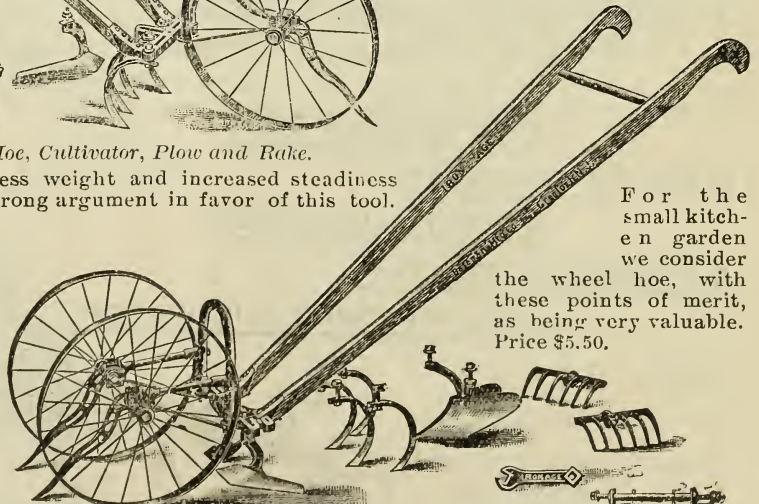


"Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake.

In addition its lower price, less weight and increased steadiness given by a single wheel, makes strong argument in favor of this tool.

**"IRON AGE" DOUBLE WHEEL
HOE COMPLETE.**

One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with each double wheel hoe for this purpose. The wheels are sixteen inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings, gives great strength, together with lightness. Price only \$7.00.



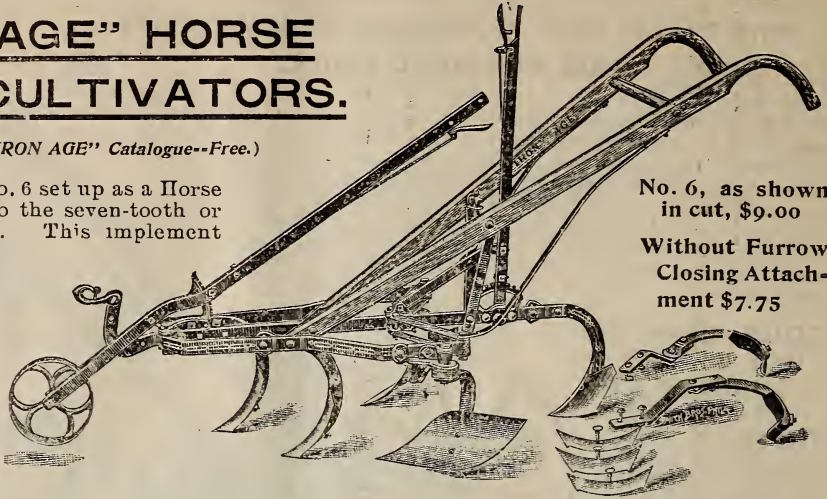
For the small kitchen garden we consider the wheel hoe, with these points of merit, as being very valuable. Price \$5.50.

The "Iron Age" Double Wheel Hoe Complete \$7.00. Plain With Two Side Hoes Only \$4.25.

THE "IRON AGE" HORSE HOES AND CULTIVATORS.

(Send for complete "IRON AGE" Catalogue--Free.)

This cut represents the No. 6 set up as a Horse Hoe. Showing plainly also the seven-tooth or furrow-closing attachment. This implement is equipped with a new adjustable device, being thoroughly and conveniently adjustable and very solid in its construction. We consider this tool the most complete and satisfactory Cultivator or Horse Hoe offered. All "Iron Age" attachments are applicable to the No. 6.



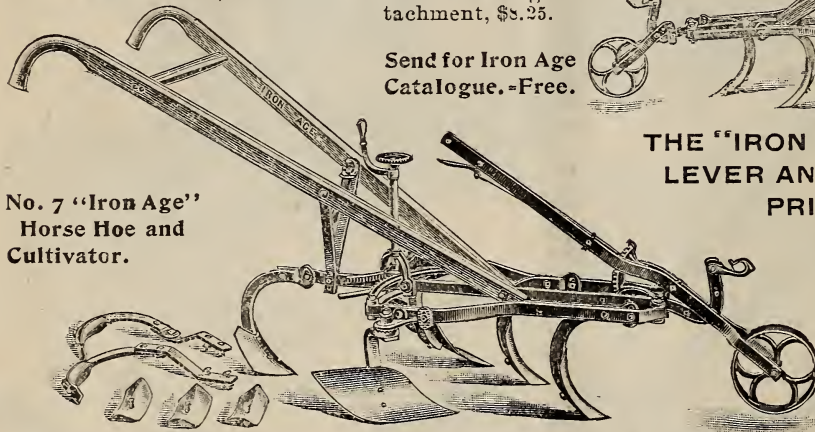
No. 6, as shown in cut, \$9.00

Without Furrow Closing Attachment \$7.75

"Iron Age" No. 6 Horse Hoe and Cultivator with Seven-Tooth or Furrow-Closing Attachment."

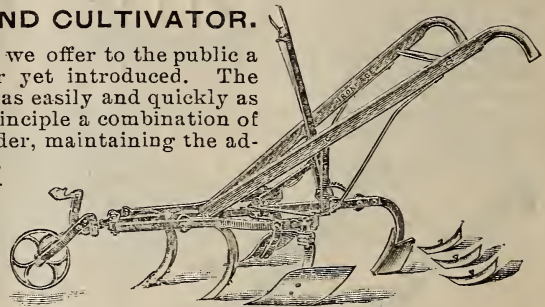
THE NO. 7 "IRON AGE" HORSE HOE AND CULTIVATOR.

In our No. 7, "Iron Age" Horse Hoe and Cultivator we offer to the public a device, which without question is the best expander yet introduced. The tool is at all times rigid, this being attained almost as easily and quickly as is the case in an ordinary lever expander. It is in principle a combination of the lever expander and the old style clamp expander, maintaining the advantages and overcoming the disadvantages of both. Price as in cut \$9.50. Without furrow closing attachment, \$8.25.



No. 7 "Iron Age" Horse Hoe and Cultivator.

Send for Iron Age Catalogue.-Free.



THE "IRON AGE" NO. 6, WITH LEVER AND PLAIN WHEEL. PRICE \$7.25

SEND FOR

"IRON AGE"

CATALOGUE.

FREE.

THE MIDLAND.

A GOOD CULTIVATOR.

A LIGHT CULTIVATOR.

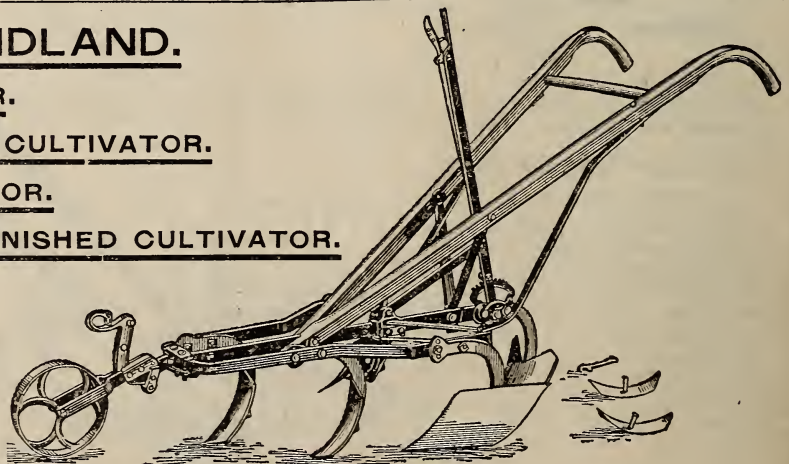
A STRONG CULTIVATOR.

A WELL-FINISHED CULTIVATOR.

And at a Very
...Low Price.

Complete with Lever and all attachments, only

\$5.25





POULTRY SUPPLIES.

Prices given on this page do not include prepayment.

Mann's Granite Crystal Grit, either fine or coarse, 6 lbs. 10c, 100 lb. sack, 90c.
 Ground bone. (either fine or coarse) 4 lbs. 15c; 10 lbs. 30c; 100 lb. sack \$2.00.
 Crushed Oyster Shells, 4 lbs. 15c; 10 lbs. 30c; 100 lb. sack \$1.00.
 Ground Beef, 1 lb. 5c.

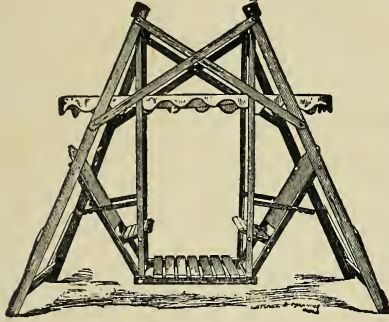
Pratt's Poultry Food, will keep poultry healthy. 1 pkg. 26 oz. 25c; 5 lb. pkg. 60c.
 Sturtevant's Poultry Cure—a sure cure for all diseases of poultry. Trial package 10c; regular sizes, 25c and 50c.

Creo Carbo—most effective insect destroyer ever introduced and best disinfectant known, per can 50c.
 Thanolice—sure death to insects of all kinds. Trial pkg. 10c, regular size box 25c, and 50c.
 Egg Maker—will make your hens lay. Trial package 10c; 2-lb. pkg. 25c 4 1/2 lb. pkg. 50c.
 Roup Pills—sure cure for swell head, canker, roup, cholera, etc. 1 box of 50 pills, 25c.
 Charcoal—granulated, excellent for keeping the digestive organs in good condition, per pkg. 10c.

FOOD FOR HORSES AND CATTLE.

Pratt's. 7 lb. pkg. 50c; 12 lb. pkg. 75c.
 Medicated Meal. 1 1/4 lb. pkg. 25c; 3 3/4 lb. pkg. 50c.

(SEND FOR CIRCULARS.)



The Slumberine Swing.

Width of seat backs 21in.

Swing as shown in cut (without Canopy Top) for only \$5.00; a bargain as never before offered.

— HERE GOES FOR THE CHILDREN — THE SLUMBERINE SWING.

A strong, nicely finished, portable swing. Made of tough Ash and Oak timber; 7 ft. 10 in. high.

Has adjustable backs and removable foot-board; this foot-board can be adjusted to a level with the seats, thus making a perfect hammock.



LIGHTNING-INSECT EXTERMINATORS.

Every household will have one when they know its value. It is adapted for all kinds of insect killing and spraying purposes, either for plants in the open field or house plants shrubs, trees, etc. for spraying walls infected with in-

sects, roosts of poultry houses, etc. etc.

No. 1—Single Tube, (The reservoir is enameled inside and out to prevent rusting.) Each 75c.

No. 2—Double Tube. (made of copper) the reservoir holds two quarts, which is enough to spray 3,000 hills of potatoes. Each \$1.00.

Sprinkler, Scollay's, \$1 00. Medium, 75c.

Scollay's Putty Distributor. Price \$1.00

Walker's Plant Food.

An excellent fertilizer for house plants. Clean to handle, without odor; produces rich, green growth and profusion of flowers. Pkt. 15c. Prepaid 25c.

INSECT DESTROYER.

Bordeaux Mixture.—Prevents black rot, mildew and rust. Destroys fungus growth on vegetables. 1 quart can 50c.

London Purple—1 lb. to 200 or 300 gallons of water. 1/4 lb. 15c. 1/2 lb. 25c, 1 lb. 40c.

Paris Green—1 lb. to 200 or 300 gallons of water. 1/4 lb. 15c. 1/2 lb. 25c, 1 lb. 40c.

Persian Insect Powder—1/4 lb. 20c, 1/2 lb. 30c.

Slug Shot (Hammond's)—5 lbs. 35c, 10 lbs. 65c.

Tobacco Dust—1 lb. 10c, 5 lbs. 30c, 10 lbs. 50c.

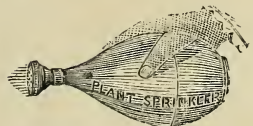
Whale Oil Soap—Makes an excellent wash for trees and plants where insects and eggs affect the bark. 1/4 lb. box 10c, 1/2 lb. box. 15c.

Grafting Wax—1 lb. bar 40c, if by mail add 10c per lb.

Mole Traps, each \$1.00

Plant Bed Cloth. Medium. Per yd. 12 1/2 c. Per bolt, 10c per yard.

Plant Bed Cloth. Heavy, per yard 15c. Per bolt 12 1/2 c a yard



Syringes, French zinc, with brass spray, \$1.50.

Shears, Wiss' Pruning, \$1 65, prepaid \$2.00.

Trowels, Steel, 6 inch 30c, 7 inch 35c. Common 25c

Dibber, for transplanting, steel point 30c; post-paid 40c.



Weeder, Hazeltine, 25c.

Lung's Weeder 25c.

Excelsior Weeder 25c.

Rose Insecticide for Plants.

It will destroy Rose Bugs, Lice and Parasites of all descriptions. should be applied when the foliage is wet. Will not burn or injure the plants. Trial package, 10c.

FERTILIZERS. Bone and Blood—For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops; 5 lbs. 25c, 10 lbs. 40c, 100 lbs. \$2.00.

Fine Ground Beef Bone—For meadows, grass land and lawns, on light loamy or sandy soils, and fall wheat. 5 lbs. 25c, 10 lbs. 40c, 100 lbs. \$2.00

SPECIAL—For root crops, small fruits, fruit trees and tobacco. 5 lbs. 25c, 10 lbs. 40c, 100 lbs. \$2.25

Land Plaster—3 lbs. 10c. 5 lbs. 15c. 100 lbs. \$1.50.

1900

