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1901



THE
HARRDEN
SEED CO.

505 Walnut St.

KANSAS CITY.

MO.

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,

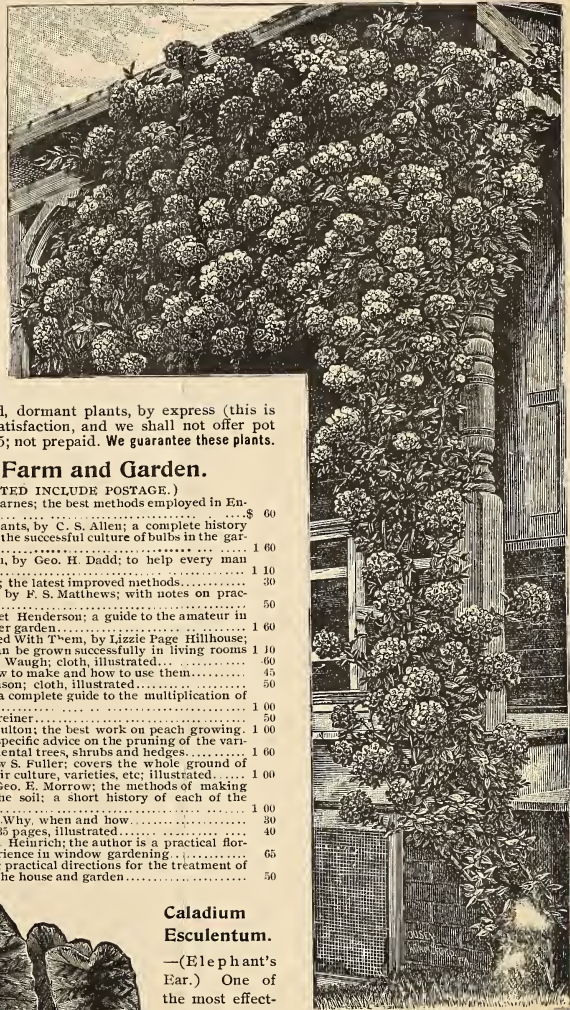
and remains in flower longer than any other hardy outdoor rose. It blooms in large clusters, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. Any description would fail to give an adequate idea of its beauty. When pegged down or grown as a bush it is equally desirable, producing 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.

PRICE: Large, 2 year old, dormant plants, by express (this is the best size to give good satisfaction, and we shall not offer pot plants) each, 50c; 3 for \$1.25; not prepaid. We guarantee these plants.

Books For Farm and Garden.

(PRICES QUOTED INCLUDE POSTAGE.)

Asparagus Culture, by James Barnes; the best methods employed in England and France.....	\$ 60
Bulbs and Tuberous-Rooted Plants, by C. S. Allen; a complete history description and methods for the successful culture of bulbs in the garden and house.....	1 60
Cattle Doctor, Dadd's American, by Geo. H. Dadd; to help every man to be his own cattle doctor.....	1 10
Celery For Profit, by T. Greiner; the latest improved methods.....	30
Flower Garden, The Beautiful, by F. S. Matthews; with notes on practical flower culture.....	50
Gardening For Pleasure, by Pet Henderson; a guide to the amateur in the fruit, vegetable and flower garden.....	1 60
House Plants and How to Succeed With Them, by Lizzie Page Hillhouse; treatment of plants which can be grown successfully in living rooms.....	1 60
Landscape Gardening, by F. A. Waugh; cloth, illustrated.....	40
Manures, by F. W. Semper; how to make and how to use them.....	45
Mushroom Culture, by W. Robinson; cloth, illustrated.....	50
Nursery Book, by S. H. Bailey; a complete guide to the multiplication of plants.....	1 00
Onion Culture, the new; by T. Greiner.....	50
Peach Culture, by Hon. J. Alex. Fulton; the best work on peach growing.....	1 00
Pruning Book, by S. H. Bailey; specific advice on the pruning of the various kinds of fruit and ornamental trees, shrubs and hedges.....	1 60
Small Fruit Culturist, by Andrew S. Fuller; covers the whole ground of propagating small fruits, their culture, varieties, etc; illustrated.....	1 00
Soils and Crop of the Farm, by Geo. E. Morrow; the methods of making available the plant food in the soil; a short history of each of the farm crops.....	1 00
Spraying Crops, by C. M. Weed; Why, when and how.....	30
Tomato Culture, by J. W. Day; 135 pages, illustrated.....	40
Window Flower Garden, by J. J. Heinrich; the author is a practical florist, giving his personal experience in window gardening.....	65
Your Plants, by James Sheehan; practical directions for the treatment of tender and hardy plants in the house and garden.....	50



Crimson Rambler.



Caladium Esculentum

Caladium Esculentum.

—(Elephant's Ear.) One of the most effective plants in cultivation for the

flower border or for planting out upon the lawn; its large handsome leaves often growing three feet long and twenty inches wide. It will grow in any good garden soil, and is of easiest culture. Before planting, dig up the bed rather deep, and put in plenty of fresh warm manure. Each 25c, extra large bulbs 40c, postpaid.

"QUALITY BEFORE QUANTITY"

TESTED VEGETABLE SEEDS.

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 \$2.00, to the value of \$2.50.

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

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 col-

lections, bulbs, plants or tools. For all of these the published price must be sent.

2.—ON SEEDS IN BULK.

From catalogue prices by the 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 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.

ARTICHOKE

LARGE GREEN GLOBE.

Large globular heads. Pkt. 5c; oz. 20c; 1-4 lb. 85c.

JERUSALEM ARTICHOKE.

This variety is cultivated for its tubers, which are especially valuable for stock-feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. Three bushels of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May, in rows three feet apart and two feet in the rows, and cover about 2 inches deep.

ASPARAGUS

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. The next season the bed may be cut over two or three times, but if this is done all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. 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, and probably as good as any. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c.

PALMETTO. Earlier than the Colossal. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c.

COLUMBIAN MAMMOTH WHITE. A new variety with white shoots, stays white without earthing up or blanching. Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 75c.

ASPARAGUS ROOTS. One year old, 100 60c, 1000 \$4.50; 2 years old 100 75c, 1000 \$5.50; not prepaid.

BROCCOLI

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

LARGE WHITE. Per pkt. 5c, per oz. 25c, per ¼-lb. 75c.

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, ¼-lb. 35c.



Conover's Colossal,



Jerusalem Artichoke.

BRUSSELS SPROUTS

BEANS

YELLOW POD VARIETIES

CULTURE—The soil best adapted to them is a light, rich well drained loam, which was manured for the previous crop; do not plant before the ground has become dry and warm; drop the seed in drills from two to three feet apart, leaving two to four plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; remember that beans should be cultivated very shallow as any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast. 1 pt. to 100 ft. of row; 1 bu. per acre.



Improved Prolific Black Wax

✓ **DWARF GOLDEN WAX.** Old standard variety; seeds nearly round, purple and white; pods nearly straight, broad, flat, golden yellow, very fleshy and wax-like, with short green point, cooking quickly as snaps, and shelling when green. Per pkt. 10c., per pt. 25c., per qt. 40c., postpaid; per pk. \$1.50, not postpaid.

✓ **IMPROVED PROLIFIC BLACK WAX.** Beans small jet black; pods, medium length, curved, cylindrical, fleshy, and of a clear waxy yellow color, with long slightly curved point. 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. \$1.50 not prepaid.

✓ **WARDWELL'S KIDNEY WAX.** Ripens about as early as the Golden Wax; vines large and strong; handsome golden-yellow, long flat pods. Pkt. 10c, pt. 25c, qt. 45c, prepaid; per pk. \$1.75 not prepaid.

✓ **CRYSTAL WHITE WAX.** Not strictly a wax bean; pods greenish-white, short curved, round or thicker than wide, with crease in the back, very fleshy and brittle. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$2.00 not prepaid.

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. Pkt. 10c, pt. 25c, qt. 35c; pk. \$1.25 not prepaid.

✓ **EX. EY. YELLOW SIX WEEKS.** Similar to Mohawk; seeds yellowish drab. Pods long, straight and when young, of good quality, 10c, 25c, 40c, \$1.35.



Wardwell's Kidney Wax.

✓ **EX. EY. REFUGEE.** One of the earliest of green-podded, sorts; used for pickling; pods long, cylindrical, green, becoming white, streaked with purple as they mature. Pkt. 10c, pt. 25c, qt. 40c, postpaid; pk. \$1.75 not prepaid.

✓ **BEST OF ALL.** A valuable green pod variety. Good for market or family use. Pods, straight, handsome and very brittle and of a peculiar deep green color. Pkt. 10c, pt. 25c, qt. 40c, postpaid; pk. \$1.50 not prepaid.

✓ **HORTICULTURAL DWARF.** Boston Favorite or Goddard. A good shell bean, highly priced for baking. Pkt. 10c, pt. 20c, qt. 45c.

✓ NEW STRINGLESS GREEN-POD BUSH BEAN.

Earliest Green-Podded Bush Bean

The only absolutely stringless green-podded bean in the market. The pod is round, full and large and straighter than that of the Red Valentine. In quality it is superior to most Bush Beans. No gardner can afford not to plant this bean; it is the best dwarf green-pod ded round snap short ever offered. Pkt, 10, pt, 30, qt, 45 postpaid; pk \$2 not prepaid.



✓ **IMPROVED ROUND POD RED VALENTINE.** 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. 25c, qt. 40c, postpaid; pk. \$1.50 not prepaid.

✓ **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.

✓ **ROYAL DWARF KIDNEY.** Pods medium size, dark green, coarse; beans large white kidney shaped, and of an excellent quality green or dry. Pkt. 10c, pt. 25c, qt. 35c, postpaid; pk. \$1.10 not prepaid.



Improved Round Red Valentine.

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. 25c, qt. 45c, postpaid; pk. \$1.75, 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. 10c, pt. 25c, qt. 40c postpaid; pk. \$1.60, not prepaid.

POLE OR RUNNING BEANS.

WHITE CREASEBACK. Large long pods, growing in clusters of from six to twelve of a silvery green, of the best quality as snaps, and stand shipping better than most sorts. A good corn hill bean. Pkt. 10c, pt. 30c, qt. 50c, postpaid. (Crop very short.)

SPECKLED CUT SHORT OR CORN HILL. Will grow when planted among corn, without poles; good cropper and very popular. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$1.75, not postpaid.

LAZY WIFE. The pods are produced in great abundance and measures from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round, white Beans, which make excellent winter shell Beans. Pkt. 10c, pt. 30c, qt. 45c, postpaid; pk. \$2.00, not postpaid.

KENTUCKY'S WONDER OR OLD HOMESTEAD. An early and very prolific sort. Pods green, very long, often reaching nine or ten inches, borne in clusters, excellent for snaps. Pkt. 10c, pt. 30c, qt. 45c, postpaid; pk. \$2.00, 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. 25c, qt. 40c, postpaid; pk. \$1.50 not prepaid.

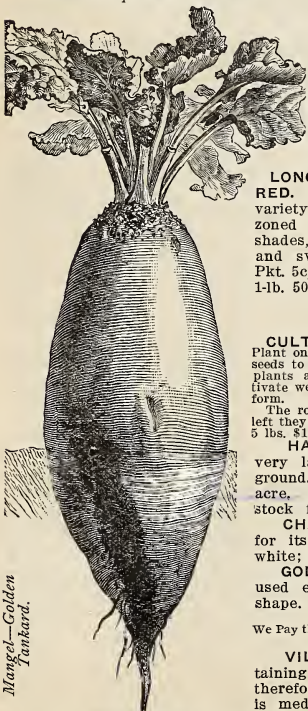
KING OF THE GARDEN LIMA. Pods very large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt. 10c, pt. 25c, qt. 45c, postpaid; pk. \$1.75 not postpaid.



SWISS CHARD BEET OR SUMMER SPINACH

We Pay the Postage

A distinct vegetable and much superior to the common beet for greens and equal to spinach. It must be remembered however, that the roots are of no value as beets. Sown early in the spring in rows 16 inches apart and the seedlings afterwards thinned out to 6 inches in the rows, it makes a rapid growth of leaves, and is fit for use for greens sooner than any other variety. We consider it much superior to spinach, because it can be cut throughout the entire summer and fall, when no spinach is to be had. Lb. 60c, ¼-lb. 20c, oz. 10c, pkt. 5c.

BEETSWE PAY THE
POSTAGE*Eclipse Beet.**Mangel-Golden
Tankard.*

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. 1 oz. to 100 ft. of drill; 4 lbs. per acre.

EGYPTIAN. The finest early market sort, color very dark red, tender and sweet, in form like the Flat Dutch. Turnip rounded on top. The seed we offer is a special selection of the darkest and most perfect roots with small tops, and is undoubtedly the finest that has ever been put on our market, as any and all gardeners can tell who procured their seed from us. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 60c prepaid.

ECLIPSE. Another very fine early variety with globe-shaped roots; flesh dark-blood, zoned with a lighter red, very sweet, crisp and tender, especially when young. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 60c postpaid.

DEWING'S EARLY BLOOD TURNIP. Deep blood red turnip shape. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c postpaid.

IMPROVED EARLY BLOOD TURNIP. Old standard variety, fine form, next to the Eclipse in earliness, 5c, 10c, 20c, 50c.

EDMAND'S EARLY BLOOD TURNIP. A select ed strain of blood turnip beet; a deep blood red in color, with small tops; handsome appearance; favorite with market gardeners as a late sort. Pkt. 5c, qt, 10c, ¼-lb. 20c 1 lb. 50c. postpaid.

LONG SMOOTH DARK RED. An excellent late variety, flesh dark-red, zoned with lighter shades, remaining tender and sweet until spring. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c. postpaid.

*Edmand'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 feet 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.

HARDEN 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.

We Pay the Postage **SUGAR BEETS.** We Pay the Postage

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.

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 per cent of sugar. Probably the best sort for the experimenter to use. Pkt. 5c, oz. 10c, ¼-lb. 15c, 1-lb. 40c. postpaid.

Comparing prices, please remember that our prices include prepayment by mail.

CABBAGE.

We Pay the Postage.

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.



Early Spring Cabbage.

faction on our Kansas City market. Per pkt. 5c, oz. 30c, ¼-lb. 90c, lb. \$3.00. (Remember this variety does not grow very uniformly in shape.

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. 85c, lb. \$2.75.

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

EARLY FLAT DUTCH. A standard second early variety; heads round flattened and of excellent quality. Pkt. 5c, oz. 15c, ¼-lb. 40c, lb. \$1.50.



Louisville Drumhead.

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. 85c, per lb. \$3.00.

Harnden'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 satis-



Extra Early Jersey Wakefield.

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. Large late variety; well adapted to growing in Southern latitudes, and a great favorite among market gardeners. Pkt. 5c, oz. 20c, ¼-lb. 65c, per lb. \$2.00.

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

Should you receive two copies of this catalogue, we trust you will consider one of them a worthy present for a seed-buying friend.

CABBAGE—Cont.



Vandergaw.

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. 20c, $\frac{1}{4}$ -lb. 75c, lb. \$2.25.

SURE HEAD. Remarkable for its certainty to head; it produces large round flattened heads which are very hard. Pkt. 5c, oz. 25c, $\frac{1}{4}$ -lb. 75c, 1-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, $\frac{1}{4}$ -lb 70c.

DARK RED ERFURT. Earlier than the Red Dutch, a most excellent sort for pickling. Pkt. 5c, oz. 25c, $\frac{1}{4}$ -lb. 70c.

IMPROVED RED DUTCH. (Red Drumhead.) Used exclusively for pickling; heads flat and solid; color deep purple. Pkt. 5c, oz. 25c, $\frac{1}{4}$ -lb. 70c.

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. It should be born in mind that cauliflower will not head up well in hot dry weather.



Sure Head.

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. The seed we offer is imported direct and is the highest priced seed obtainable of the best Erfurt strain, and no matter where you send to, or under what fancy name you procure your seed, **NONE IS BETTER**, as untiring tests and comparison made by us for the last eight years have proven. 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 Dwarf Erfurt.

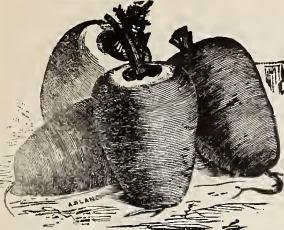
CARROTS.

THE CARROT is one of the most wholesome and nutritious of our garden roots, and deserves to be more extensively used, both for culinary and stock feeding purposes. For feeding stock, especially horses and milch cows it cannot be surpassed, and it should be more largely grown by the farmers for this purpose.

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



Early Half-Long Carentan.



Guerande or Ox-heart

GUERANDE OR OX-HEART. (Stump Rooted.) Comparatively short roots, but often reaching a diameter of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 30c, 1-lb. 75c, postpaid.

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; tops very small, roots cylindrical, with a remarkable small neck. Undoubtedly the finest and sweetest carrot listed. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 25c, 1-lb. 75c, postpaid.

Our Carrot Seed is French Grown Stock—The Best Obtainable.

DANVERS. Grown largely everywhere on account of its great productiveness and adaptability to all classes of soils; flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 25c, 1-lb. 75c, postpaid.



Danvers.

CHANTENAY. A stump-rooted variety, somewhat resembling the well known Nantes carrot, but having a larger shoulder, and being more productive; flesh deep orange color, solid, tender and of excellent flavor. A variety of which the market gardeners should plant for their main crop; a heavy cropper. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 25c, 1-lb. 75c, postpaid.

We Pay the Postage.

EARLY HALF-LONG SCARLET. Excellent for early market. Of medium size; flesh bright scarlet, brittle, and of fine flavor. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 25c, 1-lb. 75c, postpaid.

IMPROVED LONG ORANGE. The most popular of the older sorts for farm use; roots comparatively shorter than the old Long Orange; grown for feeding stock. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 20c, 1-lb. 60c, postpaid.

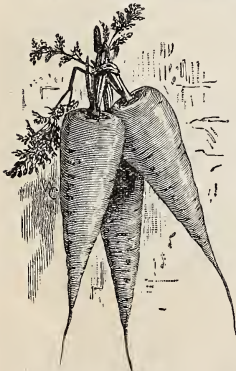
LARGE WHITE BELGIAN. Grows one-third out of ground; root pure white green above ground with small top. The roots on light rich ground grow to a large size; flesh rather coarse. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 15c 1-lb. 45c, postpaid.

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.

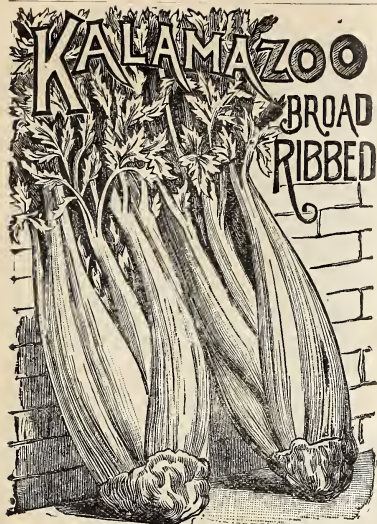
Evenness in type and form are most desirable, yet seldom attained in the carrot. Our seed is mostly grown from French stock which is the purest we know of.



Chantenay



Early Half-Long Scarlet.



CELERY.

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, postpaid.

DWARF GOLDEN HEART. One of the best keeper, through the winter. Pkt. 5c, oz. 20c, ¼-lb. 40c, 1-lb. \$1.50, postpaid.

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. 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. 25c, ¼-lb. 75c, 1-lb. \$2.50, postpaid.

KALAMAZOO BROAD RIBBED. 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, postpaid.

C ELERIAC OR TURNIP-ROOTED CELERY.

(Knollen Sellerie Ger.)

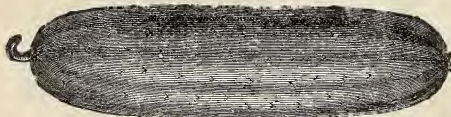
LARGE SMOOTH PRAGUE. Unquestionably the largest and best celeriac in existence. Pkt. 5c, oz. 25c, ¼-lb. 60c.

CUCUMBER.

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



Improved Long Green.



Evergreen White Spine.



Celeriac or Turnip-Rooted Celery.

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.

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. 65c.

	Pkt	Oz	¼ lb	1 lb		Pkt	Oz	¼ lb	1 lb		
Early Cluster	5c	10c	20c	50c	Postpaid	Tailby's Hybrid ..	5c	10c	20c	50c	Postpaid
Ey. Frame or Sh Green	5c	10c	20c	50c	Postpaid	Green Prolific ...	5c	10c	20c	55c	Postpaid
Peerless White Spine..	5c	10c	20c	50c	Postpaid	Gerkin	5c	10c	25c	90c	Postpaid
						Japanese Climbing	5c	15c	25c	75c	Postpaid

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, postpaid, per pk. 75c, per bu. \$2.50.

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

EARLY ADAMS. Same as above but not as early.

MAMMOTH WHITE COB CORY. As early as the earliest and no Ex Ey. sweet corn will compare with it in size. Selected for white cob and white kernels, from the original and earliest Cory, and is now a good length ahead of all the crack earlies, no matter what their names are. For a strictly first-class early, for first market and home use, try the Mammoth White Cory. The largest and best Ex. Early Sweet Corn. Pk. 90c, bu. \$3.00.

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.



Mammoth White Cob Cory.

SHAKER'S EARLY. Matures about the same time as the Minnesota; kernels are large and pearly white. The quality is faultless; pure white kernels, with medium sized white cob, very sweet, tender and full of milk, yielding two and three ears to the stalk; 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.

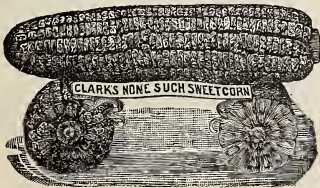
EARLY MAMMOTH. A good medium late variety.

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 GENTLEMAN 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, postpaid; per pk. 90c, bu. \$3.25, not prepaid.

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 finest late sort for all purposes, and remains in marketable condition much longer than the average corn. We can recommend this variety to every gardener.



Clark's None Such.

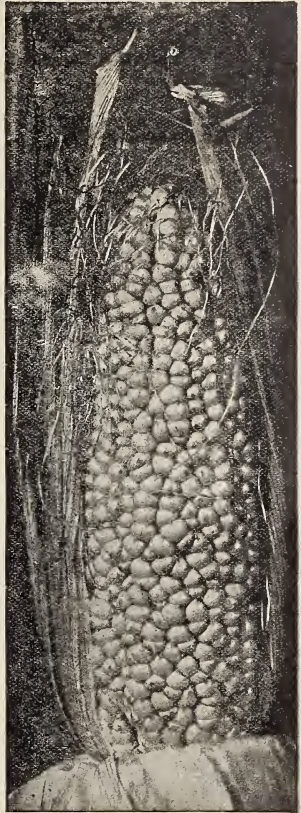
We Pay the Postage.

POP CORN.

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

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

SWEET CORN.



Country Gentleman

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, qt. 30c, ¼-bu. 80c, bu. \$2.75.

Comparing prices please remember that our prices include prepayment by mail.

CORN SALAD.

Acker-Salat, Ger.
Mache, Fr.

LARGE ROUND. Pkt. 5c, per oz. 10c, $\frac{1}{4}$ -lb. 25c.

CRESS OR PEPPER GRASS.

DOUBLE CURLED. The best variety, and can be cut several times. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 20c, 1-lb. 75c.

TRUE WATER. Should be sown near the edge of running streams; a perennial aquatic. Pkt. 10c, oz. 35c, $\frac{1}{4}$ -lb. \$1.00.

CHICORY.

Cichori, Ger.
Chicoree, Fr.

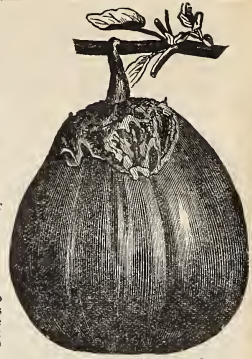
CULTURE. Sow in drills half an inch deep, in rich, mellow soil; the after culture being the same as recommended for carrots.

LARGE ROOTED. Roots of fine form, the chicory of commerce, used to adulterate coffee. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 30c, 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, $\frac{1}{4}$ -lb. \$1.25.



New York Improved.

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

MOSS CURLED. Handsomely curled; fine quality; a desirable sort. Pkt. 5c, oz. 15c, $\frac{1}{4}$ -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, $\frac{1}{4}$ -lb. 40c, 1-lb. \$1.25.

KALE OR BORECOLE.

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



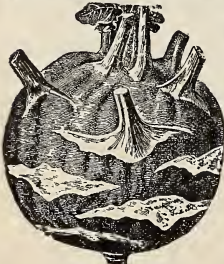
Endive—Green Curled.

DWARF GREEN CURLED GERMAN. (Siberian Kale.) Very hardy; the main sort planted by gardeners. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 25c, 1-lb. 75c.

TALL GREEN SCOTCH. Finely curled, even more tender after being touched by frost. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 20c, 1-lb. 60c.

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 inches apart and thin to 6 inches apart in the row.



Early White Vienna.

EARLY WHITE VIENNA. Best early variety for table, bulbs white. Pkt. 5c, oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$2.00.

EARLY PURPLE. Similar to the last except in color. Pkt. 5c, oz. 20c, $\frac{1}{4}$ -lb. 60c, 1-lb. \$2.25.

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

GIANT CARENTAN. Grows to immense size; broad leaves, one of the best; hardy. Pkt. 5c, oz. 15c, $\frac{1}{4}$ -lb. 40c, 1-lb. \$1.50.



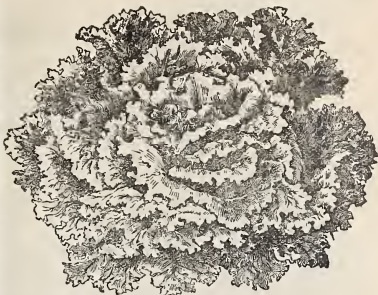
Kale—Dwarf Green Curled.

LETTUCE.

CULTURE—For general crop, sow out-doors as early in the spring as the ground can be worked, in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd, thin them out and use as required. Keep the soil constantly loose by frequently hoeing. $\frac{1}{4}$ oz. to 100 ft. of drill; 3 lbs. per acre.

BLACK SEEDED SIMPSON. A standard variety for forcing, and early out-door culture. It forms large, loose cluster of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered, the inner ones nicely blanched and even the large outside leaves are tender and of good quality. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, lb. \$1.25.

BIG BOSTON. A very popular variety with those gardeners who want a large heading forcing sort, and also for out-door winter culture. In the south the plants are large, very hardy and vigorous with broad comparatively smooth, thin and very hard leaves, which are bright light green in color, and when well grown are quite tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25.



Grand Rapids Forcing.

DENVER MARKET. An early variety of head lettuce, either for forcing or open ground, forms large heads of a desirable light green color. The leaves are beautifully marked and blistered like Savoy Cabbage and are very crisp and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25.

LARGE HANSON. Forming a large, flat head; outer leaves bright green with prominent light colored veins; inner leaves white and usually curved and twisted at the base. Refreshingly crisp and tender. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25, postpaid.



	Pkt.	oz.	$\frac{1}{4}$ -lb.	1-lb.
Early Curled Simpson.....	5c	10c	30c	\$1.00
Early Curled Silesia.....	5c	10c	30c	1.00
Boston Market or White Tennis Ball	5c	10c	30c	1.00
Prize Head	5c	10c	30c	1.00
White Cabbage	5c	10c	30c	1.00
Golden Ball or Buttercup.....	5c	10c	30c	1.00
Large Drumhead	5c	10c	30c	1.00



Large Hanson

GRAND RAPIDS FORCING. A forcing variety which has been developed in the vicinity of Grand Rapids, Mich. Especially adapted for green house culture in the winter, for which it has no peer.

A strong grower, very tender, and will keep from wilting longer while exposed for sale than any other sort. Pkt. 5c, oz. 10c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25.



Big Boston.

MUSKMELON.

CULTURE—Melons thrive best in light, dry, sandy soil, plant in hill, six feet apart each way, ten seeds in each hill; remove two to three inches of soil where the hill is desired, and fill in with well rotted manure, then replace the soil 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves, thin out to four in a hill. If the plants grow very rank, pinch off the ends of the shoots when about three feet long. One to two ounces to 100 hills; 1 to 1 $\frac{1}{2}$ lbs. per acre.

Jenny Lind	5c	10c	20c	60c
Early Green Nutmeg.....	5c	10c	20c	60c
Netted Gem	5c	10c	20c	60c
Early Hackensack	5c	10c	20c	60c

	Pkt.	oz.	$\frac{1}{4}$ -lb.	1-lb.
Emerald Gem	5c	10c	20c	60c
Jersey Belle	5c	10c	20c	60c
Montreal Market	5c	10c	20c	60c
Baltimore or Acme	5c	10c	20c	60c



Emerald Gem.



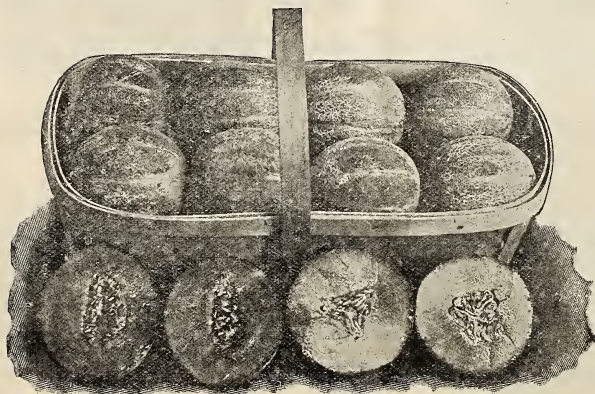
Rocky Ford Musk Melon.


EXTRA EARLY HACKENSACK. A variety possessing all the good qualities of the well known Hackensack, but at least ten days 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, $\frac{1}{4}$ -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, $\frac{1}{4}$ -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, $\frac{1}{4}$ -lb. 20c, 1-lb. 60c postpaid.

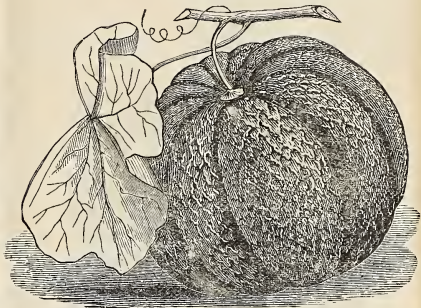
The firm flesh is a rich orange red color like that of the Osage, but even sweeter and more highly flavored, retaining its good qualities quite to the rind. It is rare that a Muskmelon of such superlative quality is a good market or shipping sort, but the firm, solid flesh and thin but strong rind of 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 melon grower. Pkt. 5c; oz. 10c, $\frac{1}{4}$ -lb. 25c, 1-lb. 75c, postpaid.



Paul Rose.  The most delicious melon ever grown.

ROCKY FORD MUSKMELON.

The melons are oblong, somewhat similar to the Netted Gem. They grow very uniform in shape and size, weighing from $1\frac{1}{2}$ 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. 10c, $\frac{1}{4}$ -lb. 25c, lb. 75c, postpaid.



Chicago Market Nutmeg.

PAUL ROSE.

● We Pay the Postage. ●

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 $\frac{1}{4}$ -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, $\frac{1}{4}$ -lb. 20c 1-lb. 60c, postpaid.

WATERMELON.

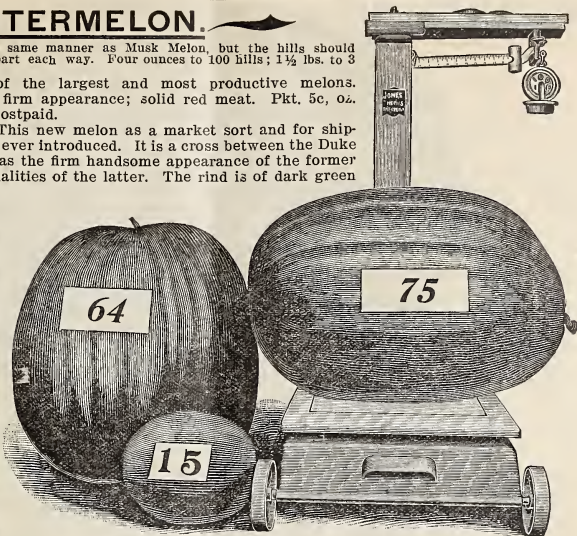
CULTURE—Plant in the same manner as Musk Melon, but the hills should be from eight to nine feet apart each way. Four ounces to 100 hills; 1½ lbs. to 3 lbs. per acre.

DUKE JONES. One of the largest and most productive melons. Solid, dark green skin, of firm appearance; solid red meat. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c, postpaid.

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. 25c, 1-lb. 75c, postpaid.

SWEET HEART. Fruit large, oval, uniformly mottled, light and dark green, rind thin but firm; flesh red, solid, melting and sweet. Pkt. 5c, oz. 10c; ¼-lb. 20c, lb. 50c.

PHINNEY'S EARLY. One of the earliest of all varieties; medium size, oval, quick growing variety, thin rind, red flesh, very hardy and productive. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 50c, postpaid.



Georgia Queen.—Best shipping Melon ever introduced.

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. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c, postpaid.

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. Pkt. 5c, oz. 10c, ¼-lb. 50c.

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. Pkt. 5c; oz. 10c; ¼ lb. 20c, 1-lb. 50c, postpaid.

FLORIDA FAVORITE. Ranks among the foremost as a able variety; oblong in shape with alternating stripes of light and dark green, large size, flesh light crimson. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c.

MOUNTAIN SWEET. A large oval variety, rind green, flesh scarlet and quite solid to the center, very sweet and delicious. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c, postpaid.

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. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c.

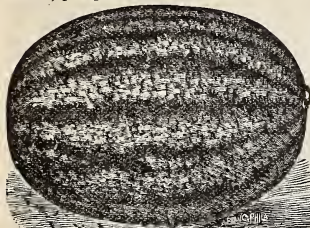
PRIDE OF GEORGIA. Dark green in color, oval in shape, and ridged like an orange. One of the fine melons originated in the great melon-growing district of Georgia. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c.

McIVER'S WONDERFUL SUGAR MELON. The sweetest melon grown. Without a single exception this is the sweetest water melon of all. The melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c, postpaid.

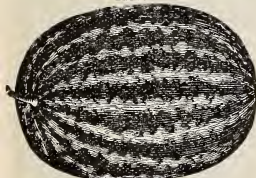
BLACK SPANISH. Medium size, round, black seeded; red flesh, thin rind, vines small; very sweet and of fine flavor. Pkt. 5c, oz. 10c, ¼-lb 20c, lb. 50c.

ICE CREAM OR PEERLESS. Nearly round, pale green, thin rind, scarlet flesh, delicious in flavor, old standard variety and cannot be too highly recommended. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 50c.

SEMINOLE. Extra early, enormously productive, and of splendid flavor. Often producing gray and green melons on one vine. A favorite with restaurants. Pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 50c.



Kolb's Gem.



Mountain Sweet.

WATERMELON

Continued.

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. Pkt. 5c. oz. 10c, ¼-lb. 20c 1-lb. 50c, post paid.



We Pay the Postage.

MUSHROOM SPAWN

We Pay the Postage.

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.

ENGLISH SPAWN. 1-lb. brick 25c, postpaid, 10 lbs. \$1.25, not prepaid.

We Pay the Postage.

MUSTARD.

Seuf. Ger.
Moutarde, Fr.

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 very short.)



OKRA OR GUMBO.

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.

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.



A Bed of Mushrooms.



PRIZE TAKER ONION.

The Handsomest, Largest
Yellow Globe Onion.

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. 15c, $\frac{1}{4}$ -lb. 40c, 1-lb. \$1.50, postpaid.

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.

EXTRA EARLY RED. The earliest of all red onions; flat in shape. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25, postpaid. By express, 5-lbs. \$1.15 per lb., 10 lbs. \$1.00 per lb.

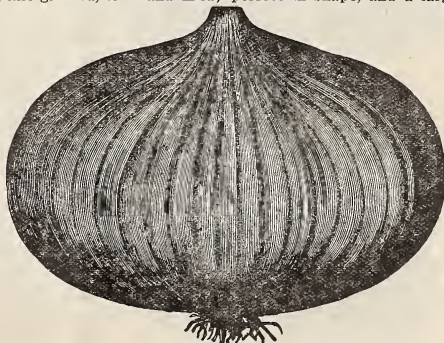
LARGE RED WETHERSFIELD. The standard variety so largely used for commercial purposes, good size, an immense yielder, deep red color, fine keeper. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.00, postpaid. By express, 5-lbs., 90c per lb., 10-lbs. 85c per lb.

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, $\frac{1}{4}$ -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, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.00 postpaid. By express, 5-lbs. 90c per lb., 10 lbs. 85c per lb.

YELLOW STRASBURG. (Yellow Dutch.) Later, flatter, larger than Yellow Danvers. The best kind for sets. Per pkt. 5c, oz. 15c, $\frac{1}{4}$ -lb. 35c, 1-lb. \$1.25, postpaid. By express, 5-lbs, \$1.15 per lb.

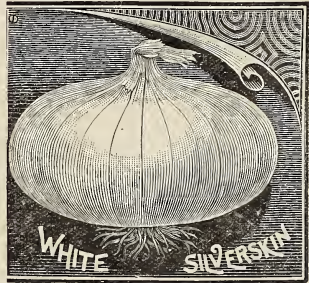
EXTRA EARLY WHITE PEARL. Pearly white and of very rapid growth, it is the earliest of all the white varieties, the bulbs are medium size, with delicate pure white skin; flesh mild and pleasant. Per pkt. 5c, oz. 20c, $\frac{1}{4}$ -lb. 60c, 1-lb. \$2.00, postpaid. By express, \$1.90 per lb., 10 lbs. \$1.75 per lb.



Red Wethersfield.

ONIONS—Continued.

{ Don't forget you can select 25 cents worth of seeds extra for each dollar sent us for seed in pkts. and ounces. }



SOUTHPORT WHITE GLOBE. One of the hand-somest 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 planting. Per pkt. 5c, oz. 20c, ¼-lb. 60c, 1-lb. \$2.25, postpaid. By express, 5 lbs. \$2.10 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. 15c, ¼-lb. 40c, 1-lb. \$1.50, postpaid. By express, 5-lbs. \$1.40 per lb., 10 lbs. \$1.25 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. 60c, 1-lb. \$2.00, postpaid. By express, 5-lbs. \$1.90 per lb., 10-lbs. \$1.75 per lb.

AUSTRALIAN BROWN Of medium size, wonderfully hard and solid and of somewhat globular form; the color of the skin is a clear ember-brown. It is very early in ripening and never makes any stiff necks or scallions. It has the reputation of keeping; indefinitely, and we think from its firmness and hardness that it will keep longer in good condition than any other onion known. Pkt. 5c, oz. 10c, ¼-lb. 40c, 1-lb. \$1.50, postpaid. Sets of Australian Brown per qt. 30c, postpaid; pk. \$1.00, not prepaid.

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. \$2.00.

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. \$2.25, postpaid.

RED BERMUDA. 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. \$1.50, postpaid.

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. 20c. (Crop failed.)

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
 Australian Brown, in limited quantities Postpaid per qt. . 30
 Bottom Onion Sets, red or yellow Postpaid per qt. . 25
 Bottom Onion Sets, white Postpaid per qt. . 35
 Garlic Sets per lb. . 30

PARSLEY.

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, ¼-lb. 25c, 1-lb. 75c, postpaid.

DOUBLE CURLED. A fine variety; excellent for garnishing. Per pkt. 5c, oz. 10c, ¼-lb. 20c, lb. 65c.

HAMBURG OR TURNIP ROOTED. Sometimes called German Parsley; a fleshy rooted variety. Per pkt. 5c, oz. 10c, ¼-lb. 25c, lb. 90c.

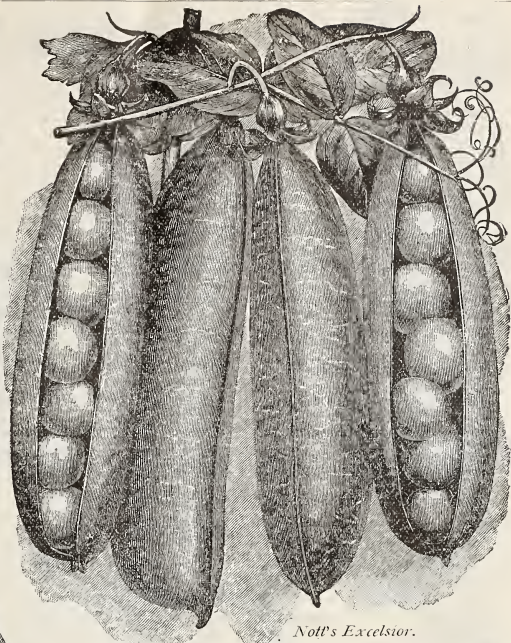


Champion Moss Curled Parsley.

PEAS.

HARDEN'S 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 today. Seeds round; pods well filled, and ripen uniformly; height 2½ feet. Seeds white and slightly dented. Ninety 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 but the true stock. Per pkt. 10c per pt. 25c, per qt. 40c, postpaid; per pk. \$1.35, per bu. \$5.00, not prepaid.



Nott's Excelsior.

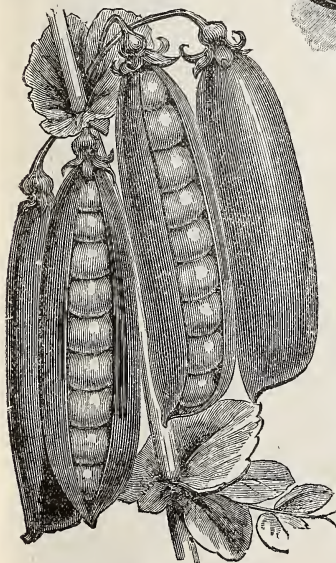
NOTT'S EXCELSIOR. The best Early Dwarf Pea. As hardy as the earliest market sorts, but in quality far superior. It resembles the American Wonder, but the vines are larger and more vigorous, and it outyields that variety from 20 to 30 per cent. The pods are one-third large, and each pod contains from six to eight large peas which are tender, and of unusually sweet flavor, and so closely are the peas packed, that they are flattened against each other. A most desirable sort for the market and home garden. Pkt. 10c, pt. 25c, qt. 40c, postpaid; pk \$1.35, bu. \$5.00, 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 the rate of over 50 bu. per acre; the pods, although of medium size, are numerous and literally packed with



Horseford's Market Garden.



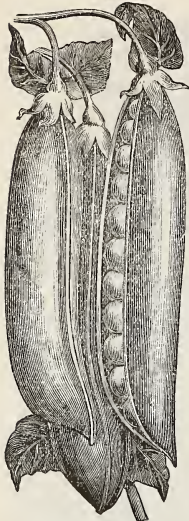
Harden's Extra Early.

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.

We Pay the Postage.

PEAS—Continued.

We Pay the Postage.



Pride of the Market.

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. \$1.50, bu. \$5.75, not prepaid.

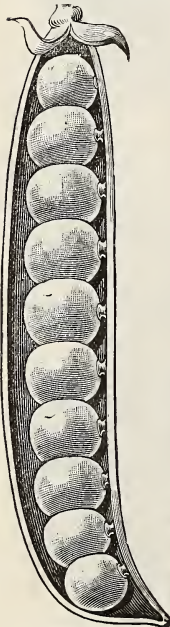
TELEPHONE. Seed green wrinkled; height about 4 feet, foliage luxuriant, peculiar light shade of green; fairly productive; pods usually large size, elegant shape, slightly curved, well filled with peas of large size, good quality, earlier than the Champion of England. A most desirable variety for those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

GRADUS OR PROSPERITY. The Earliest Large Podded Pea in Cultivation. While the peas are of the most superior quality, both in size and delicious flavor, and will be ready for use only a few days later than the first earliest. The immense pods are as large as those of the Telephone, uniformly well shaped, nearly round and well filled with large handsome peas. They ripen slowly and continue for use much longer than most varieties; the vine has heavy stems, with large dark-green leaves, and grows three feet in height. Every gardener should try it. (Owing to short crop we are only able to offer this variety in small quantities.) Pkt. 10c, pt. 30c, qt. 50c, postpaid.

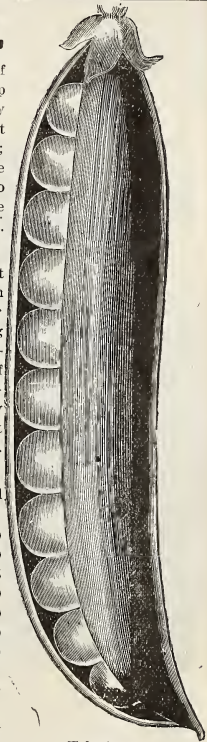
FOR THE MARKET GARDENER.

DAISY OR DWARF TELEPHONE. A dwarf growing, very large-podded main or late crop variety. Vines strong and vigorous, with heavy foliage, growing only eighteen inches in height and do not need brush; enormously productive; pods are very large and nearly straight, and are well filled with large and tender peas, having to an unusual degree the rich buttery marrow-like flavor, so prized by the connoisseur. Pkt. 10c, pt. 25c, qt. 40c, postpaid. Per pk. \$1.75.

IMPROVED STRATAGEM. "One of the Best of the Large Podded Sorts." The old stratagem pea has always been one of the best late sorts for quality, but it was a shy yielder, and so wanting in uniformity and evenness of type. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders, the pods are of immense size, and uniformly filled with very large, dark-green peas of the finest quality. Pkt. 10c, pt. 25c, qt. 40c, postpaid; pk. \$1.35; bu. \$5.00, not prepaid.



Improved Stratagem.



Telephone.

STANDARD VARIETIES: Postpaid Not Postpaid

	Pkt.	pt.	qt.	pk.	bu.
30 in. Philadelphia Ex. Ey...	10	25	40	\$1.10	\$4.00
30 in. Alaska	10	25	40	1.10	4.00
14 in. Premium Gem	10	25	40	1.25	4.25
10 in. Tom Thumb	10	25	40	1.25	4.50
24 in. Advancer	10	25	40	1.00	4.00
20 in. Abundance	10	25	40	1.15	4.00
24 in. Everbearing	10	25	40	1.15	4.00
50 in. Champion of England..	10	25	35	1.15	4.00
36 in. Black-Eyed Marrowfat.	10	20	35	75	2.75
36 in. White Marrowfat	10	20	35	75	2.75
30 in. Dwarf Gray Sugar....	10	25	40	1.50	—
Canada Field				Market Price	

Comparing prices please remember that our prices include prepayment by mail.

PARSNIP.

Don't forget you can select 25 cts. worth of Seeds extra for each dollar sent us for Seeds in pkts. and ounces.

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. 55c, postpaid.

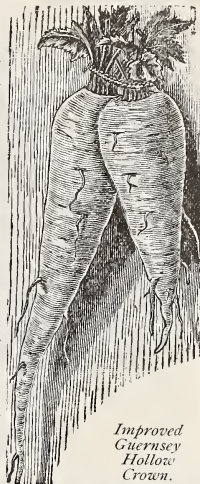
IMPROVED GUERNSEY. Not so long as the Hollow Crown, but of greater diameter; roots do not run so deep in the ground. Per pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 55c postpaid.

PEPPER.

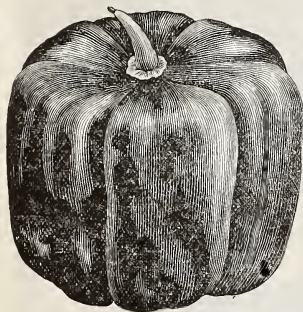
CULTURE. Seed should be started in a warm hot bed or a shallow box in the house early in March. When they have three or four leaves, they should be transplanted to fresh beds or small flower pots and kept growing as rapidly as possible until the weather is warm enough to plant them outdoors; set plants 2½ feet apart each way. One ounce to 1,500 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, postpaid.



Improved Guernsey Hollow Crown.



Improved Bull Nose.

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, postpaid.

We Pay the Postage

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. It is of deep, rich, yellow color, firm grain and excellent flavor.

LARGE CHEESE OR KY. FIELD. A most popular variety in the south. Fruit flattened, skin, mottled light-green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 50c, postpaid.



View of Field of Connecticut Field Pumpkins.

We Test all our Seeds

And are therefore positive that only LIVE SEEDS go to our customers

We Pay the Postage.

PUMPKIN—Continued.

We Pay the Postage.

*King of the Mammoth Pumpkin.*

KING OF THE MAMMOTH. The largest pumpkin grown, often attaining a weight of 200 lbs. 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, postpaid.

CUSHAW. A prolific variety, resembling in form the winter Crookneck 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, postpaid.

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, postpaid.

SMALL SUGAR. This is very handsome and prolific; of small size, the pumpkin averaging about ten inches in diameter. The skin is a deep, orange yellow. It is fine grained, sweet, dry and an excellent keeper and cannot be beaten for table use. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 60c, postpaid.

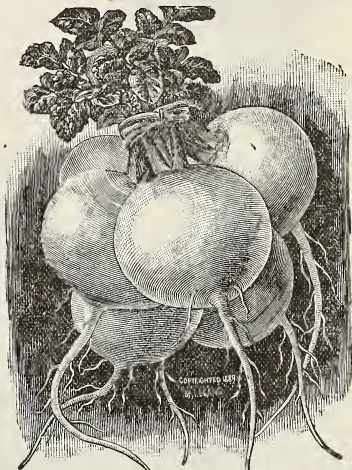
We pay the postage

RADISH. All saved from selected and transplanted roots.

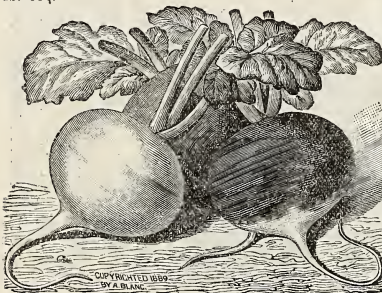
EX. EY. DEEP SCARLET TURNIP, WHITE-TIPPED, FORCING. A beautiful variety, deep scarlet with white tip; popular as a market variety. The earliest forcing variety and cannot fail to give full satisfaction as such; small top. Does not show as much white as the ordinary Sc. T. W. Tip. Pkt. 5c, oz. 10c, ¼-lb.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

(Postpaid.)

**STANDARD VARIETIES.**

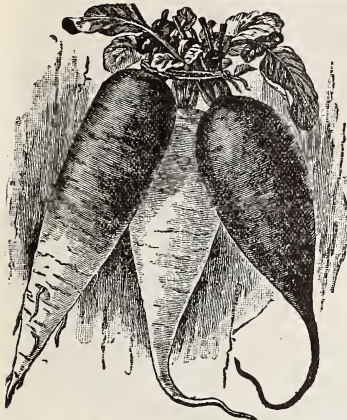
	Pkt.	oz.	¼-lb.	1-lb.
Early White Turnip.....	5c	10c	20c	65c
Earliest Carmine Turnip.....	5c	10c	25c	70c
Early Deep Scarlet Turnip.....	5c	10c	25c	70c
Scarlet Turnip White Tip.....	5c	10c	25c	70c
French Breakfast	5c	10c	20c	60c
Yellow Summer Turnip.....	5c	10c	20c	50c
Long Scarlet Short Top.....	5c	10c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

Early White Turnip. Early Deep Scarlet Turnip. Scarlet Turnip, White Tipped.

We Pay the Postage.

RADISHES—Continued.

We Pay the Postage.

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

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. 25c, 1-lb. 70c.

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. 25c, 1-lb. 65c.

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. 25c, 1-lb. 70c.

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. 30c, 1-lb. 90c.

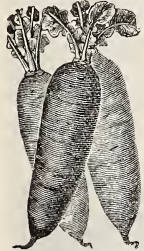
*French Breakfast.*

ROUND BLACK SPANISH. Globe-shaped, black skin, white flesh, very firm and hardy. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 65c.

LONG BLACK SPANISH. A large winter variety, one of the hardest; firm, solid flesh and will keep until spring. Pkt. 5c, oz. 10c, ¼-lb. 20c, 1-lb. 65c.

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.

*Long Black Spanish***RHUBARB.**

We pay the Postage.

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. 40c, 1-lb. \$1.50.

VICTORIA. Large and tender. Pkt. 5c, oz. 15c, ¼-lb. 40c, 1-lb. \$1.50.

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

SALISFY OR VEGETABLE OYSTER.

CULTURE. It succeeds best in a light, well enriched soil; coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow the seed as early as possible, and quite deep in drills about eighteen inches apart, and thin the plants to three inches in the row.

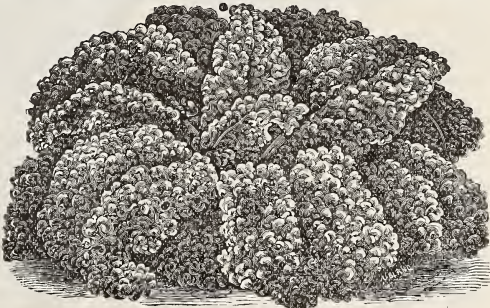
MAMMOTH SANDWICH ISLAND. This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt. 5c, oz. 15c, ¼-lb. 40c, 1-lb. \$1.35.

SPINACH.

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.*

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

SQUASH.

We pay the Postage.

WHITE BUSH OR PATTY PAN. An early flat, scalloped variety, pure white, favorite early sort. 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.



Giant Summer Crook Neck.



White Bush or Patty Pan.

Comparing prices, please remember that our prices include prepayment by mail.

CHICAGO WARTED HUBBARD. For thirty or forty years this squash has ranked first for a winter keeper. It was found by growing it in a large way, that the largest, heaviest, dark, rough-skinned specimens are the most valuable, and most salable. Because of this the above selection has been made, and we think our customers can plant it in perfect confidence that every fruit will be a pure Warted Hubbard. Pkt. 5c, oz. 10c, ¼-lb. 25c, 1-lb. 75c.

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 deep orange yellow. Per pkt. 5c, oz. 10c, ¼-lb. 25c, 1-lb. 75c postpaid.



FORDHOOK. A strong rapid grower; very handsome, of a bright yellow outside, and straw yellow within. Per pkt. 5c, oz. 10c, ¼-lb. 25c, 1-lb. 75c.

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. Per pkt. 5c, oz. 10c ¼-lb. 20c, 1-lb. 65c.



Chicago Warted Hubbard.

TOMATOES.

STANDARD VARIETIES.

Don't forget you can select 25 cents worth of seeds extra for each dollar sent us for seeds in packets and ounces'

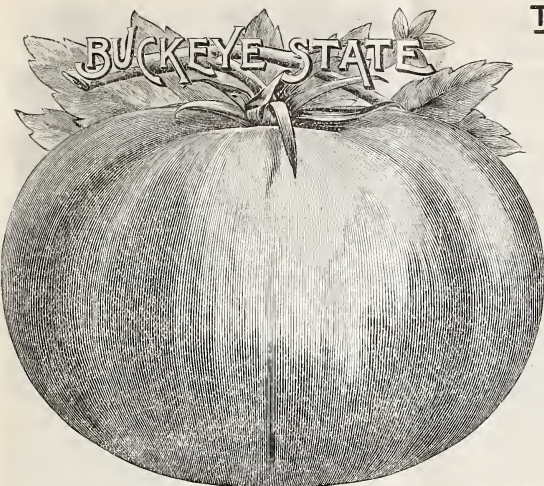
Postpaid by Mail	Pkt.	oz.	¼-lb.	1-lb.
	5c	20c	60c	\$2.00
Royal Red	5c	20c	60c	2.00
Trophy	5c	20c	60c	2.00
Paragon	5c	25c	75c	2.00
Large Smooth Red	5c	20c	60c	2.00
Ponderosa	5c	25c	90c	
Volunteer	5c	20c	60c	2.00
Golden Queen	5c	20c	60c	2.00
Yellow Plum	5c	25c		
Strawberry or Husk	5c	25c		

Aeme	5c	20c	60c	2.00
Royal Red	5c	20c	60c	2.00
Trophy	5c	20c	60c	2.00
Paragon	5c	25c	75c	2.00
Large Smooth Red	5c	20c	60c	2.00
Ponderosa	5c	25c	90c	
Volunteer	5c	20c	60c	2.00
Golden Queen	5c	20c	60c	2.00
Yellow Plum	5c	25c		
Strawberry or Husk	5c	25c		

TOMATO—Cont.**LIVINGSTON'S MAGNUS.**

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.

Pkt. 10c, oz. 50c.



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, ¼-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. ¼-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, ¼-lb. 60c, 1-lb. \$2.00.



Livingston's Magnus.

NEW STONE. 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, ¼-lb. 75c, 1-lb. \$2.25.

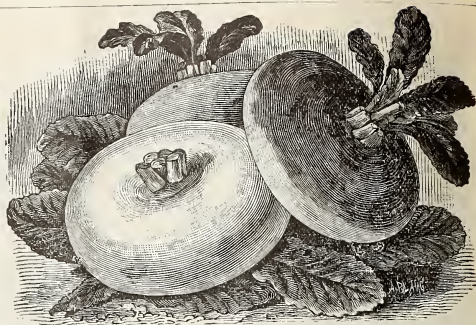
DWARF CHAMPION. The best early tomato grown. It is entirely distinct in habit of growth and foliage; the vines are dwarf and compact, grow stiff and upright, with thick and short jointed stems. As an early tomato of some size and a cropper it is unsurpassed. Pkt. 5c, oz. 25c, ¼-lb. 75c, 1-lb. \$2.50.

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. 25c, ¼-lb. 75c, 1-lb. \$2.25.



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 purchaser's expense, deduct 10c. per lb.



White Dutch Flat.

Purple Top Strap Leaf.

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. 70c.

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 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.



Purple Top White Globe.

SWEDES OR RUTABAGAS.

Comparing prices please remember that our prices include prepayment by mail.

IMPROVED AMERICAN PURPLE TOP. Leading 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.

TOBACCO SEED.

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.

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 HAVANA. 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.

AROMATIC MEDICINAL AND POT HERBS.

Varieties with an * are Perennials.

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

WE PAY THE POSTAGE.

MARTYNIA.

WE PAY THE POSTAGE.

MARTYNIA PROBOSCIDEA. For pickling. Packet 5 cents, ounce 30 cents, ¼ pound, \$1.00.



Flower Seeds

Our Premium on Flower Seeds.

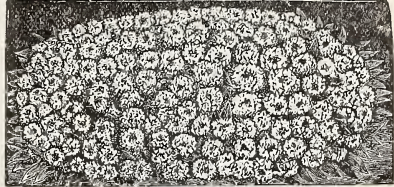
We offer our customers the following premiums when ordered in packets only; it will pay you to secure your neighbors' orders.

- | |
|---|
| 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 |

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.



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. 40c, 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.



Anthrinum. (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, 1 3/4 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, 1 1/2 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

SEMPLE'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.



Aster—Comet or Poodle.

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.



Canterbury Bell. (Cup and Saucer.)

—Double
Camelia Flowered. — Undoubtedly the showiest and most attractive variety of Balsam. Mixed colors, ¼ oz. 20c. pkt. 5c.

—Double
Rose Flowered —Has perfectly double rose-like blossoms of almost every shade and colors. Mixed colors, ¼ oz. 20c. pkt. 5c.



Balsam, Double Camellia.

NEW GIANT HYACINTH-FLOWERED CANDYTUFT
This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size. Pkt. 10c, ½ oz. 30c.

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. 20c, pkt. 5c.

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. 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. Pkt. 5c.

BALLOON VINE. (Love in a Puff.) A rapid growing climber with peculiar inflated capsules, 5 ft., pkt. 5c.

CARNATION.

NEW DWARF MARGARET CARNATION. A carnation that blooms the first year from seed.



New Dwarf Margaret Carnation.

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. ¼ oz. 25c, pkt. 10c.



Cypress Vine.

CYPRESS VINE. (Ipomoea.) A most beautiful climber, with delicate, dark green foliage and an abundance of bright, star-shaped rose, scarlet and white blossoms. Do not plant the seed till the ground is thoroughly warmed. Mixed. oz. 25c, pkt. 5c.

Remember our discounts. One dollar buys \$1.25 worth of seeds in packets. Our packets are very liberal and the quality of our seed unsurpassed.

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.

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.

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

NEW CENTAUREA MARGUERITE. This novelty is entirely distinct from all other Centaureas and undoubtedly the most beautiful known. The plants grow about eighteen inches high and are of the easiest culture.

Calliopsis—Golden Wave.

The large flowers are of purest white, deliciously scented, exquisitely lacinated, and freely produced on long stems, which render them valuable for cutting. In unique beauty it is entirely unlike any other flowering plant and sure to excite admiration wherever grown. Pkt. 10c.

—Mixed.—Bachelors Button—5c.

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



New Double Cornflower.

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 seed may be planted in places where seed are to bloom; have the plants stand about 2 ft. apart.

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. Mixed or separate colors. Pkt. 5c.

COCKSCOMB.

(*Celosia Cristata*.)—Highly ornamental plants, producing crested heads, somewhat resembling a cock's comb. Start in the house and transplant about the last of May.

—**President Thiers**—One of the most dwarf of all cockscombs, bears largest crimson combs; if planted alongside of rows of Golden Feverfew and Dusty Miller it will make one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt. 10c.

Dwarf Varieties Mixed, 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.

DIANTHUS OR PINK.

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

—**Hedewigi 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.

DELPHINIUM OR LARKSPUR.—**Pillar of Beauty.**—(*Formosum Colestinum*) 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.

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.



Cockscomb—President Thiers.



Dianthus Hedewigi Diadematus fl. pl.

DOLICHOS OR HYACINTH BEAN.

Our packets are very liberal in size, containing in most cases more seed than is needed

—**Princess Helen.** (*Daylight*.) One of the prettiest annual climbers which attain a height of 20 ft. in a season, and are most useful for covering old fences, trellises, stumps, verandas, etc. The foliage is dense, and the fruits are of the most curious shapes and colors. Dish cloth pkt. 5c; Nest Egg, pkt. 5c; Dipper, pkt. 5c; Sugar Trough, pkt. 5c; Pear Shaped, 5c; Apple Shaped, pkt. 5c; Mixed Gourds—All the above, and many others. Pkt. 5c, oz. 25c.

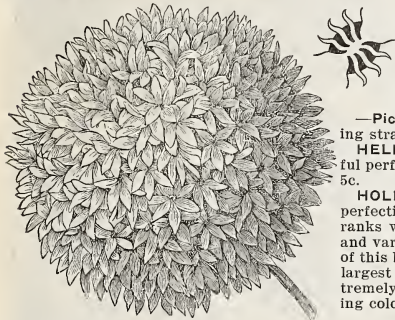
GOURDS. A class of rapid growing annual climbers which attain a height of 20 ft. in a season, and are most useful for covering old fences, trellises, stumps, verandas, etc. The foliage is dense, and the fruits are of the most curious shapes and colors. Dish cloth pkt. 5c; Nest Egg, pkt. 5c; Dipper, pkt. 5c; Sugar Trough, pkt. 5c; Pear Shaped, 5c; Apple Shaped, pkt. 5c; Mixed Gourds—All the above, and many others. Pkt. 5c, oz. 25c.



Gourds.

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

—**GAILLARDIA GRANDIFLORA COMPACTA** A beautiful new hardy flower. New compact growing varieties of the hardy perennial Gaillardias, forming round bushes of about 12 to 15 inches in height and bearing its long-stemmed blossoms perfectly upright. The colorings of the flowers are rich and varied. As the plants produce their flowers most profusely and in constant succession from June to Autumn, this novelty with its improved habit will prove to be one of the most desirable of all hardy perennials grown for cut-flowers. Pkt. 10c, 2 for 15c.



Gaillardia. (Picta Lorenziana.)

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.



Hollyhock.

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.

MARI- GOLD.



New French Marigold—Legion of Honor.

A BEAUTIFUL NEW HARDY FLOWER.



Gaillardia Grandiflora Compacta.

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

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

HOLLYHOCK. The Hollyhock, in its present state of perfection, is very unlike its parent of olden times, it now ranks with the Dahlia, Aster, etc., being exceedingly rich and varied in color, and as double as a rose. All our seed of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double, and in the best, brightest and most charming colors. Charter's finest mixed. Pkt. 10c.



Marigold—Tall African.

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.

G IANT 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 found in any other flowers.

The seed can be sown in the open ground in a sunny situation, when the weather has been warm and settled, but the seeds germinate a little slower than those of the common Morning Glory, and it is well to soak them in water for 24 hours before sowing. Best single fringed mixed, pkt. 5c, oz. 25c.

MORNING GLORY (*Convolvulus*.)

The best known and most popular climber. Tall varieties mixed, pkt. 5c, oz. 10c, ¼ lb. 25c.

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

—*Ameliorata*—Very sweet scented. Pkt. 5c, oz. 15c.

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

Ipomoea 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 3 inches in diameter tinted pink, with a five pointed star of satiny-pink, followed by curious heavy seed pods. Pkt. (15 seeds) 10c.



White Moon Flower.

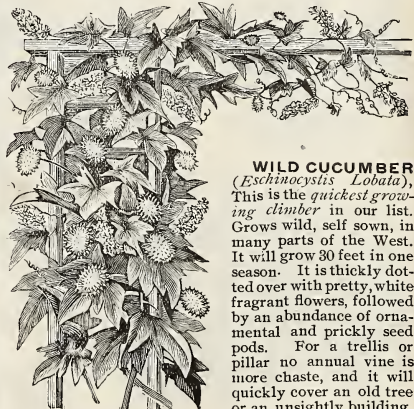
MOON FLOWER.

(*Ipomoea Noctiflora*.) White—The most beautiful of annual climbers. In rich, warm ground the plants readily grow twenty-five feet high. The spmoea 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.



Giant Japanese Morning Glory.

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



Wild Cucumber.

WILD CUCUMBER (*Eschmocystis Lobata*), 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.

NASTURTIUMS

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. 15c.

—**Heinemanni.** Silky bronze-chocolate. Pkt. 5c, oz. 15c.

—**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. 30c.

LOBB'S NASTURTIUM. 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. 15c, ¼ lb. 40c.

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.

EMPRESS OF INDIA. A golden yellow, spotted and marbled with brilliant scarlet; dark green foliage. Pkt. 5c, oz. 15c.

—**King Theodore**—Dark maroon, bluish green foliage. Pkt. 5c, oz. 15c.

—**King of Tom Thumbs**—Scarlet, dark foliage. Pkt. 5c, oz. 15c.

—**Golden Cloth**—Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet. Pkt. 5c, oz. 15c.

—**Dwarf Varieties,** in splendid mixture; ¼ lb. 40c, oz. 15c, pkt. 5c.



NEW CLIMBING NASTURTIUM. (*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 contrasts very effectively with the rich colors. Oz. 15c, pkt. 5c.

NEW NASTURTIUM

"Chameleon"

This new strain of Nasturtiums is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of quite distinct colorings on one and the same plant some clear, deep crimson, others blotched on light ground and other beautifully mottled.

TALL CHAMELEON.

This variety, with its very large, rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire season. Pkt. 5c, oz. 15c.

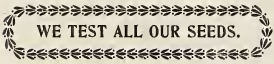
New Nasturtium—"Chameleon."

DWARF CHAMELEON. This strain is remarkably dwarf and as a border or bedding plant has a distinct place. Its flowers are even more intense in color, are carried well above the foliage and sometimes almost hide it. The variation of color of course adds greatly to its interest. This is the most brilliant mixture of Nasturtiums we have ever seen; the colors and color combinations are simply magnificent. Pkt. 5c, oz. 20c.



Don't forget; you can select 25 cts. worth of Seeds extra for each dollar sent us for Seed in packets and ounces.

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. (See illustration on back cover page.) 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. 1-8 oz. \$1.00.

—**Park Bedding Varieties.** The plants are of even growth; the flowers are large and well above the foliage; a fine strain for bedding purposes.

- Odier, large five spottedPkt. 10c
- Peacock, purple and peacock bluePkt. 10c
- Meteor yellow spotted with mahogany brownPkt. 10c
- Striped or fancy, very finePkt. 10c

PANSIES.



- Pure Yellow, fine for beddingPkt. 10c
- Snow Queen, pure whitePkt. 10c
- Many colors in splendid mixture Pkt. 10c, 1-8 oz. 30c
- Many colors in good mixture Pkt. 5c, 1-8 oz. 20c

NEW PANSY—MASTERPIECE.

This strain comes nearer to "Double Pansies" than anything ever introduced under that name. In reality the number of petals is the same as that in other Pansy flowers, but they are crimped and curled in such a fashion that the flowers appear double. The flowers are of enormous size, often 3 inches across, and the color variations and combinations are odd and striking. We have seen these Pansies in bloom in the originator's grounds, and have therefore personal knowledge of their exceptional merit. Pkt. 15c.

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 unequal 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.



Phlox—Drummond's Grandiflora.

PYRETHRUM. (Feverfew.) Sow the seed early in spring in boxes, and transplant.
—Aureum—(Golden Feather.) Beautiful golden yellow foliage; best for bedding. Pkt. 5c.

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.

—**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.



Petunia—Carnation Flowered.

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 pure white to the deepest orange-scarlet. One foot high; pkt. 10c.

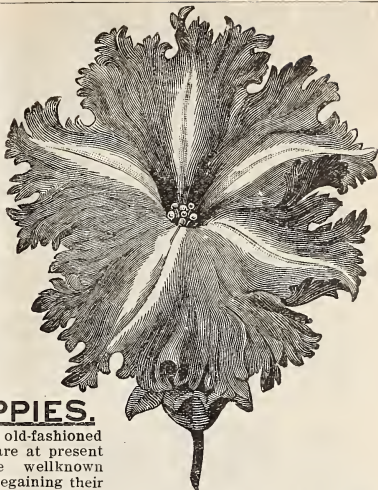
SWEET WILLIAM. (*Dianthus Barbatus*.) The seed can be planted very early in the spring and will blossom the following summer, or sown in August will make blooming plants for spring.

—**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.

CHOICE MIXED—
A very fine strain.
Pkt. 5c.



POPPIES.

These old-fashioned flowers are at present like the wellknown Dahlias, regaining their old-time popularity.

Petunia—Large Flowering Fringed.
This is not strange when we consider how little time is required for their culture. Their brilliant, dazzling colorings and wonderful variety make a very effective display in the garden or for cut-flowers.

SHIRLEY SILK OR GHOST POPPY. The Shirley Poppy is not new, but the stock we have to offer will be a revelation to all lovers of the beautiful. The plants grow about 2½ ft. high, with large finely shaped flowers, being generally single or semi-double, and running through a great variety of colors, especially strong in shades of terracotta and combinations of this with pink and scarlet. 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.



Shirley, Silk or Ghost Poppy.

NEW SWEET PEAS.

A Selection of the Best New Sweet Peas of Recent Introduction.

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 2 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. REMEMBER—1st. Sweet Peas do best in compact settled ground. 2nd. Do not loosen the soil around the plants and give only a shallow surface cultivation. 3rd. Plant the seed in a warm sunny spot. 4th. Sweet Peas should not be raised for two successive seasons on the same ground. 5th. Excessive manuring with table manure in the row immediately before sowing the seed is not desirable.

AURORA. Both standard and wings beautifully flaked with soft, bright orange-salmon on a silvery-white ground. Pkt. 5c oz, 10c, ¼ lb. 25c.

BLACK KNIGHT. A deep maroon; the darkest in color of all sweet peas. Pkt. 5c, oz. 15c, ¼ lb. 30c.

BLANCHE BURPEE. Largest and best pure white. Pkt. 5c, oz. 10c, ¼ lb. 25c.

BLANCHE FERRY EX. EY. Bright pink standards and white wings. Pkt. 5c, oz. 10c, ¼ lb. 25c.

COUNTESSE OF RADNOR. Delicate mauve or lavender. Pkt. 5c, oz. 10c, ¼ lb. 20c.

GOLDEN GLEAM. Deep primrose yellow, best yellow. Pkt. 5c, oz. 10c, ¼ lb. 25c.

HON. F. BOUVERIE. Pinkish salmon at base of standard and wings, shading to lighter salmon and buff at the edges; a "deep pink." Pkt. 10c, oz. 25c.

LADY MARY CURRIE. The brightest colored of all sweet peas; color deep orange-pink, delicately shaded rosy-lilac. Pkt. 5c, oz. 15c, ¼ lb. 30c.

MRS. DUGDALE. Light carmine-rose, with a neat tint of primrose; wings are of the same tint, only a shade lighter; one of the largest of sweet peas. Pkt. 10c, oz. 25c.

MARS. Bright, fiery crimson; extra good. Pkt. 5c, oz. 10c, ¼ lb. 25c.

NAVY BLUE. An entirely distinct color; dark blue, standards brilliant royal purple, wings pure violet; the color effect is true blue. Pkt. 5c, oz. 15c, ¼ lb. 40c.

ORIENTAL. Bright orange-salmon, heavily veined with a deeper shade. Pkt. 5c, oz. 10c, ¼ lb. 25c.

OVID. Rose-pink, margined with deeper pink. Pkt. 5c, oz. 10c, ¼ lb. 20c.

PRIMA DONNA. Flower extra large, color light blush-pink; one of the most delicate and pleasing kinds. Pkt. 5c, oz. 10c, ¼ lb. 25c.

PRINCE OF WALES. A bright self-colored, deep-rose flower of grand size and beautifully hooded form. Pkt. 5c, oz. 10c, ¼ lb. 25c.

ROYAL ROSE. A beautiful, large, almost self-colored flower; color, rich, rosy pink. Pkt. 5c, oz. 10c, ¼ lb. 25c.

SALOPIAN. The best of all the bright reds, both as to color and size of flower. Pkt. 5c, oz. 10c, ¼ lb. 25c.

OUR BEST MIXTURE. This mixture has been made up by ourselves in a most carefully arranged proportion of colors, including the cream of the standard sorts as well as the most recent novelties, and we can safely say it contains not "Only the Best," but "all the best." Pkt. 5c, oz. 15c, ¼ lb. 30c, 1 lb. \$1.00.

CHOICE MIXED. Harvested in mixture. Large Pkt. 5c, oz. 10c, ¼ lb. 20c, 1 lb. 50c.

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 by hybridization to change the habit of the Sweet Peas, at best is really semi-double flowers.

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. ½ oz. 25c, pkt. 5c.

—Double Mixed, 1-8 oz. 75c, pkt. 10c.

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

brunzy-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 ½ oz. 20c,

pkt. 5c.

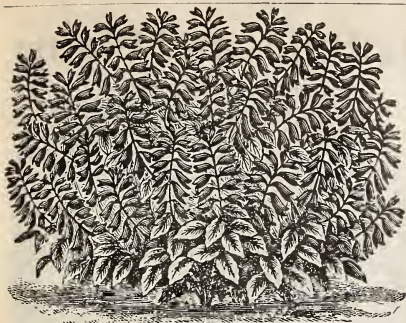


Double Portulacca.



Ricinus—New Zanzibar.

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.



New Scarlet Sage—"Clara Bedman."

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, $\frac{1}{4}$ oz. 30c.

—*New Mammoth Verbenas*—Of unusual size, embracing a wide range of colors. Pkt. 10c, 1-8 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.

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.

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 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. Four feet beautiful climbers for hanging baskets and lawn vases; flowers trumpet-shaped, mixed colors. Pkt. 5c.

VERBENAS.



Zinnias—Giant Flowered Double.



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 $1\frac{1}{2}$ to 2 ft. apart; or 2 or 3 seeds may be planted in a slightly raised hill.

Giant Flowered 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.

NEW EMPEROR SALPIGLOSSIS.

NEW EMPEROR SALPIGLOSSIS. Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. The New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. (250 seeds) 10c.

Summer Flowering Bulbs and Plants

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 bulbets. 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.

	Each	Doz.	100
Reds of various shades.....	4c	25c	\$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	20c	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. Large roots each. Each 15c, doz. \$1.50; postpaid, each 20c.

GOLDEN DAWN. A very free bloomer; clear yellow; fine form.

MIDNIGHT. Dark Maroon; flamed with crimson; a beautiful sort.

BEAUTY OF THE GROVE. Light pink, tinted with peach, of fine form.

SNOW BALL. A good variety; flowers largest size, beautifully cream-white.

GOLIATH. Show Dahlia of largest size; very full and desirable; color, a bright red with ends of petals streaked with pink.

SUNRISE. Large and compact flowers, of the brightest-vermillion red.



LILIES.

Gladiolus.

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.

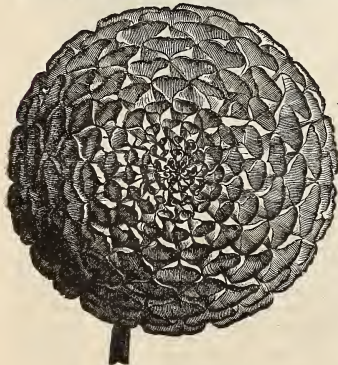
Auratum. (Gold-Banded Lily of Japan.) Decidedly the most beautiful of all lilies; the immense white flowers, with crimson spots and golden bands through the center of each petal, are produced in the greatest profusion, and are deliciously fragrant; 20c each, postpaid 25c.

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 20c.

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.



Double Dahlia--Large Red.

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 umbles 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.



Amaryllis Johnsoni.

Amaryllis Bulbs planted in the spring seldom show much life before late summer or early autumn, as the summer months are their natural time for rest.



Tuberosa—Excelsior Pearl.

CENTURY VINE. Also called "Mexican Morning Glory." A wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. It is very easily grown, and produces large size blossoms of rosy crimson color, shaded violet or blue, which in a shaded situation remain open all day. Not hardy, but the roots can be taken up in the fall and kept over winter like a dahlia. Undoubtedly one of the quickest and easiest climbers grown with beautiful foliage, and a mass of handsome blooms, mammoth roots, each 60 cts, postpaid, first size roots, each 30 cts, postpaid.

TUBEROSES.

The Tuberosa 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.

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.

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 *Gladolius*. Each 6c. 4 for 20c, prepaid.



CANNAS.



New Giant Canna "Italia."

***QUEEN CHARLOTTE.** Three and one-half 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.** Six feet—bright crimson flowers of very large size. Green foliage a very luxuriant grower.

***FLORENCE VAUGHN.** 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 feet—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.

***STELLA KANST.** 5 feet—green foliage, flowers apricot; fine for massing.

PRESIDENT CARNOT. 5 feet—dark foliage, flowers deep scarlet.

TUBEROUS ROOTED BEGONIAS.

The Tuberous 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.

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 feet. Roots 8c each, three for 20c, doz. 75c.

Varieties marked with a * we can furnish in roots and plants, the rest in plants only.

Price: Large dry roots, 2 for 15 cts; doz. 75cts; (postpaid each, 10c, doz. \$1.) Growing plants, 2 for 25 cts; doz., \$1; (postpaid each, 15 cts; doz. \$1.50.)

***ITALIA.** Remarkable for its sturdy rank growth, forming massive clumps, 6 to 7 feet high, covered from the ground up with large, deep green Musalike 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.

ALEMANNIA. Six feet, green foliage. The Giant of all Cannas. Produces the largest flowers which have been obtained from any Canna. The outer petals are scarlet with a very broad, golden-yellow border. The inside of the bloom is scarlet and dark red. Exceedingly beautiful.

***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.



Cinnamon Vine.

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. Each 35c, postpaid 40c.



Clematis Jackmanni.

Clematis Henryi.

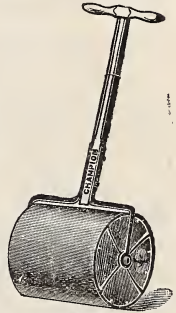
Clematis Paniculata.

CHAMPION STEEL GARDEN ROLLER.

THE CHAMPION STEEL GARDEN ROLLER will commend itself to all users of garden tools as the handiest, strongest and most durable roller made. The cylinder is of wrought steel, with a smooth face, admitting of smooth, light running. The handle is of oak, well ironed and so adjusted as to work both ways, making it unnecessary to turn the roller at the end of path. It is fitted with an iron shoe (not shown in cut) so that when necessary to leave the roller the end of the handle will not drop into the dirt.

This roller will find favor with all users of garden tools as its first cost is its only cost, it being so constructed as to be practically unbreakable.

- 10 in. diameter, 15 in. long, weight about 130 lbs. \$14.00
- 12 in. diameter, 18 in. long, weight about 200 lbs. 15.00



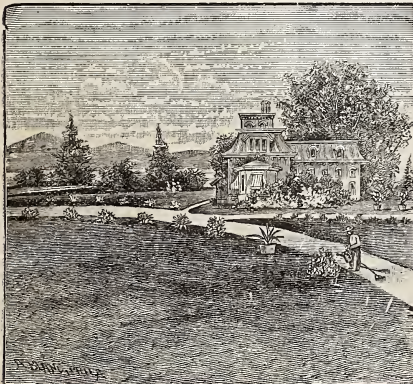
LAWN GRASS.

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 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, 10 lbs. 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.



Dwarf Essex Rape.

GERMAN OR GOLDEN MILLET. Height 3 to 5 feet, large spikey heads, 50 pounds to the bushel, ¾ bushel to the acre.

COMMON MILLET. Good hay. 2½ to 4 feet high, 50 lbs. to the bushel. Sow ¾ 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, 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, 30c lb.

DWARF ESSEX RAPE. Dwarf Essex Rape is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country; it is easily grown, and perfectly hardy and possesses remarkable fattening properties. One acre will pasture thirty-six head for two months. It grows to a height of three feet. 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. Any corn soil will grow rape, and it does well sown with oats. Rape is especially adapted for a catch crop, succeeding well when for any cause crops have failed, as it makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the fall. If sown in drills or rows two feet apart, use at the rate of four to five lbs. per acre, and when sown broadcast, use 10 lbs. to the acre, 1 lb. 25c, postpaid. Write for prices on larger quantities.)

BERMUDA GRASS. Largely grown in the South, with an average yield of about four 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.

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 the fodder sow 1/2 bu. to 1 bu. to the acre, either broadcast or drills. Per lb. 5c, per bu. (50 lbs.) 90c.

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

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



Kaffir Corn.

same ground as any other, and ripens

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.

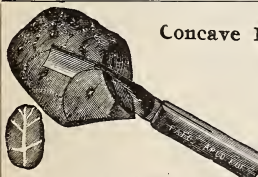
BEAUTY OF HEBRON.—One of the best early sorts; a good cropper matures a week earlier than the Early Rose, skin

slightly flesh colored, with pure white flesh. Per pk. 30c, per bu. \$1.00, per bbl. \$2.75.

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, per bbl. \$2.75.

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.

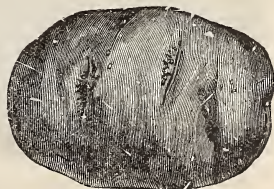
PEERLESS. Somewhat oblong in shape, very uniform and handsome; flesh pure white very mealy whether baked or boiled. Medium in season, a good keeper. Per pk. 35c, per bu. \$1.10, per bbl. \$3.00.

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. \$1.25, per bbl. \$3.25.



Early Rose

EARLY OHIO. (Red River Stock.) Our stock of this popular variety is remarkably choice, 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. \$1.25, per bbl. \$3.25.



Early Ohio.

Field Corn....

Grown in Nebraska and Ohio.



If to go by mail, add 15c per quart.

—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 and stocks usually grow 6 to 8 feet in height, producing one or two good ears. Qt. 10c, $\frac{1}{4}$ bu. 30c, 1 bu. \$1.

—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. $\frac{1}{4}$ bu. 30c. per bu. \$1.

—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, $\frac{1}{4}$ 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, $\frac{1}{4}$ bu. 30c, 1 bu. \$1.

—Champion White Pearl. Stock short and thick. The grains are pure white, deep and heavy, highly recommended. Qt. 10c, $\frac{1}{4}$ bu. 30c, per bu. \$1.

—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.

CALICO DENT. Known as "Bloody Butcher." Kernels yellow, striped and blotched with red. Much liked by many western farmers who find it very prolific. We have a selection of it which has been very carefully grown and selected in Northern Ohio and it will be found very prolific and desirable for early feed. Qt. 10c, pk. 25c, per bu. 90c.

HARDEN SEED CO'S. WHITE PERFECTION SEED CORN. For a white corn this is the 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. Qt. 10c, pk. 30c, bu. \$1.

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, $\frac{1}{4}$ 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. $\frac{1}{4}$ bu. 20c, 1 bu. 65c.

TREE SEEDS.

	Oz.	$\frac{1}{4}$ 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-Vitae ..	.20	.60	2.00
Norway Spruce .....	.15	.40	1.25
Red Cedar .....	.10	.35	1.00
Apple Seed .....		.15	.30

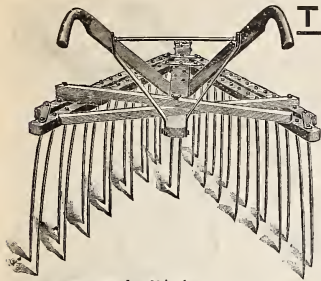
TEOSINTE. FINEST FORAGE PLANT GROWN

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 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 38 shocks on 1-6 of an acre cut 4 rows one way; the shocks were as large and some larger than corn cut 15 rows each way. $\frac{1}{4}$ lb. 30c, 1 lb. \$1.

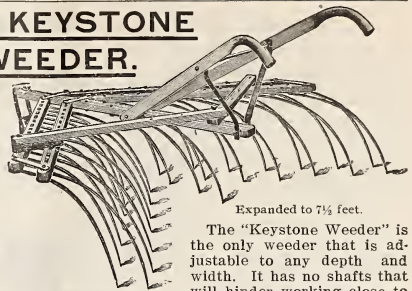


Partial View of a field of Teosinte on the farm belonging to Dr. J. W. Perkins.

THE KEYSTONE WEEDER.



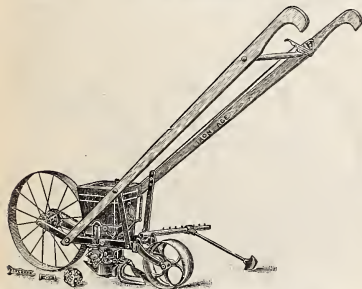
Narrowed to 30 inches.



Expanded to 7½ 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 \$9.

THE "IRON AGE" WHEEL HOES AND DRILLS.

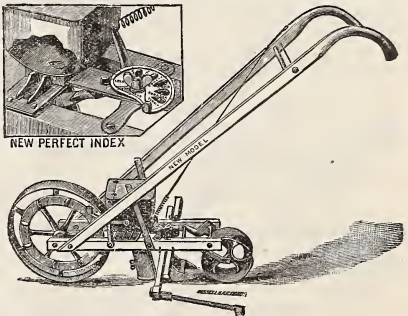


THE "IRON AGE" HILL AND DRILL SEEDER. \$9.00.

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, \$9.



NEW PERFECT INDEX



New Model Seed Drill. \$6.50.

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.



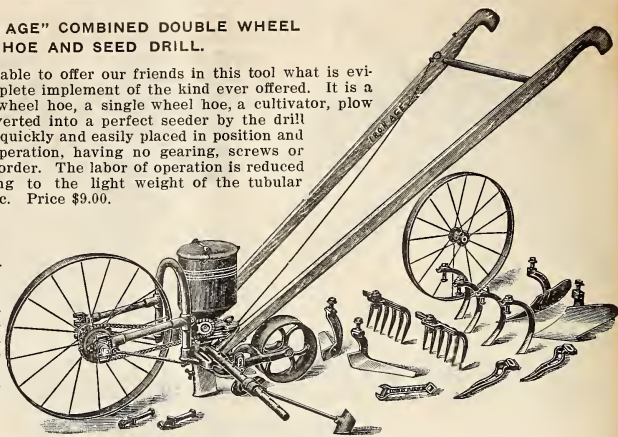
This tool is similar in construction to the combined Wheel Hoe and Seed Drill, but besides drilling it will also drop in hills at 4, 6, 8, 12 or 24 inches apart all the small seeds varying in size from celery to corn. Can be instantly changed to drop from hills to drills or vice versa. It is clog proof. Price \$10.00.

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

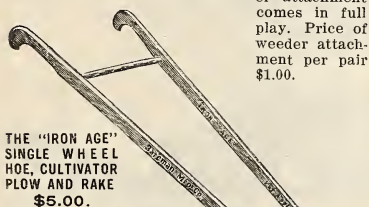
We are glad to be able to offer our friends in this tool what is evidently the most complete implement of the kind ever offered. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake. It is converted into a perfect seeder by the drill attachment, which is quickly and 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 \$9.00.

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

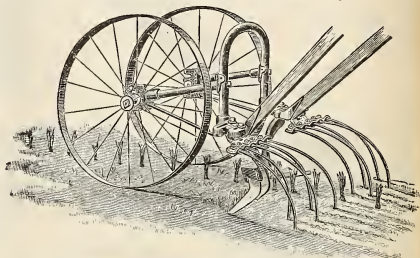


The "Iron Age" Combined Double Wheel Hoe and Seed Drill. \$9.00.



THE "IRON AGE" SINGLE WHEEL HOE, CULTIVATOR PLOW AND RAKE \$5.00.

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.

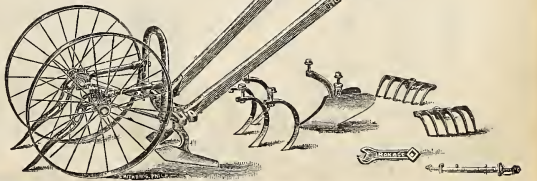


"Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake. \$5.00.

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 moments 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 \$6.00

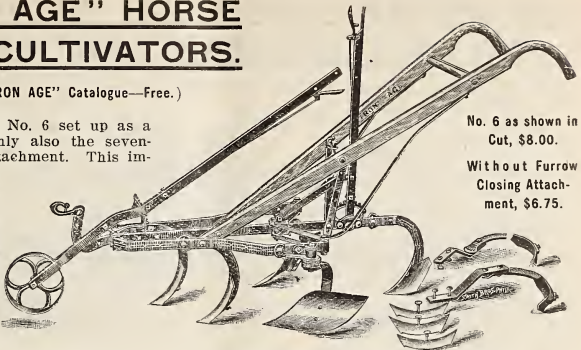


The "Iron Age" Double Wheel Hoe Complete, \$6.00. Plain with Two Side Hoes, only \$3.50.

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.



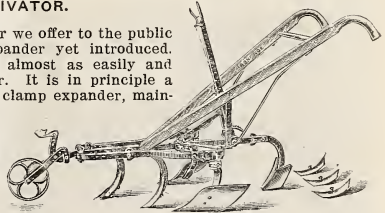
No. 6 as shown in Cut, \$8.00.

Without Furrow Closing Attachment, \$6.75.

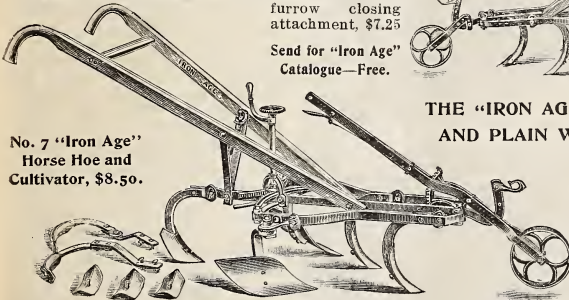
"Iron Age" No. 6 Horse Hoe and Cultivator with Seven-Tooth or Furrow-Closing Attachment.

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 \$8.50. Without furrow closing attachment, \$7.25.



Send for "Iron Age" Catalogue—Free.



No. 7 "Iron Age" Horse Hoe and Cultivator, \$8.50.

THE "IRON AGE" No. 6, WITH LEVER AND PLAIN WHEEL. PRICE \$6.25.

SEND FOR
"IRON AGE"
CATALOGUE.
FREE

THE MIDLAND.

A GOOD CULTIVATOR.

A LIGHT CULTIVATOR.

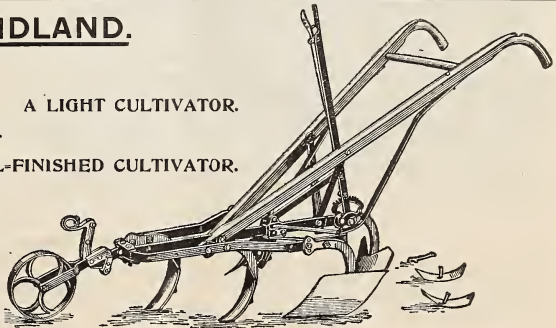
A STRONG CULTIVATOR.

A WELL-FINISHED CULTIVATOR.

And at a Very Low Price.

Complete with Lever and all Attachments, only

\$5.00.



THE CYPHERS NON-MOISTURE INCUBATORS AND THREE-COMPARTMENT BROODERS.

The Cyphers Incubators, for which we are authorized agents, are FULLY GUARANTEED by the manufacturers as follows:

First—To require no supplied moisture.

Second—To be self-ventilating.

Third—To be self-regulating.

Fourth—To operate with less oil and at less expense than any other make of incubator.

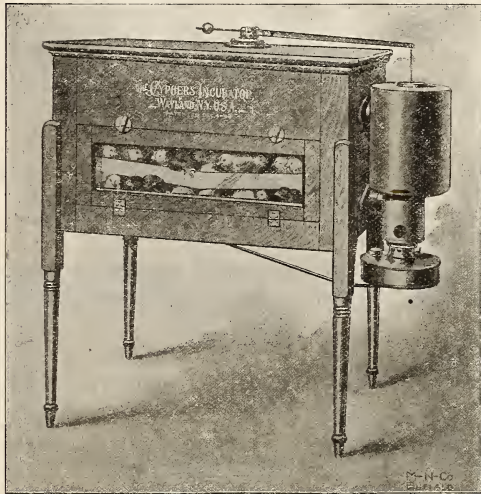
Fifth—To be fire-proof, having the best, the safest, and the most costly built heater attached to any incubator.

Sixth—To be the easiest to operate and control, requiring less labor and attention than any other make of incubator.

Seventh—To produce larger and stronger chicks than any other make of incubator on the market.

Eighth—Also, that where they are run with any incubator of a different make, they shall, in three or more hatches, bring out a larger percentage of the fertile eggs in good, healthy chicks or ducklings than does their competitor.

If you are in search of the latest patented, most durably built and best practical incubator, one that will hatch the largest number of the strongest and healthiest chicks or ducklings, the Cyphers is that machine.



CIRCULARS AND CATALOGUES. Large 32 page Cyphers circulars sent **FREE ON REQUEST.** Complete Catalogue and Poultryman's Guide, entitled "Profitable Poultry Keeping in All Its Branches," 192 pages, 8x11 inches in size, with nearly 200 fine illustrations, treating at length of egg-farming, broiler raising, duck growing, roasters, winter chickens, capons and caponizing, standard-bred poultry, etc., sent postpaid for 15 cents in stamps. A book easily worth two or three dollars to persons interested in making poultry pay.



The Cyphers Non-Moisture Incubator.

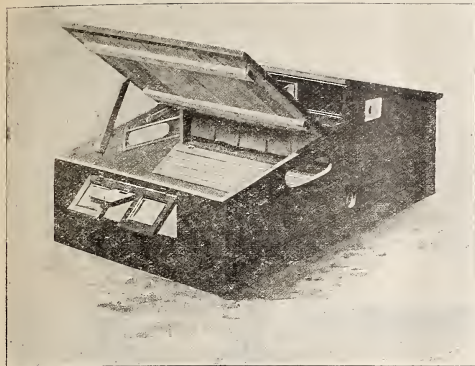
THE "DIFFUSIVE PRINCIPLE." Mr. Cyphers is the discoverer and patentee of the "diffusive principle" in artificial incubation, a highly important matter, for it was by means of this discovery that he was enabled to render his greatest service to practical, successful incubation by artificial means, by solving "the moisture problem." The Cyphers method and the Cyphers incubators solved this problem by introducing the diffusive principle and a self-ventilating system which does away absolutely with supplied moisture, retaining in the machine the moisture contained in the eggs, which is ample for all purposes.

The result is an incubator that is positively self-regulating, self-ventilating and which requires no supplied moisture. Here we have, therefore, the simplest possible incubator, one that is practically perfect in its ease of operation, and today the Cyphers incubator, a practical embodiment of the Cyphers Method, stands without an equal. Write for large, 192 page catalogue, price 15c.

PRICE LIST OF CYPHERS INCUBATORS.

No. 0— 60 hen eggs, 48 duck eggs.....	\$14 00
No. 1—120 hen eggs, 100 duck eggs.....	20 00
No. 2—220 hen eggs, 190 duck eggs.....	23 00
No. 3—360 hen eggs, 290 duck eggs.....	37 00

The Unequaled Cyphers Three-Compartment Brooder.



Front View of Brooder.

Fifth—The fumes from the brooder stove cannot pass into the chick chamber.

Sixth—The surplus brooder stove heat preserves all the lower wood work of the brooder by warming and drying the soil underneath the brooder.

Seventh—The brooder stove is easy of access, being above ground.

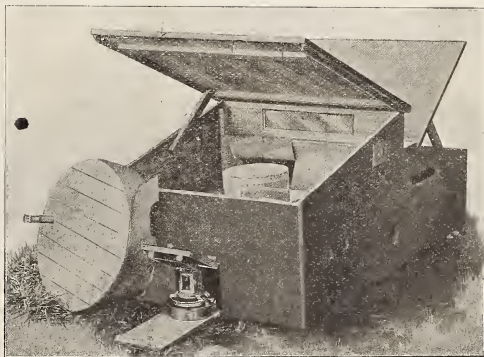
Eighth—This brooder need not be placed in a pit, nor need the ground be excavated for the brooder stove.

Ninth—When the temperature underneath the chick hover is at 90 to 95 degrees, we have a surrounding atmosphere of 80 to 85 degrees, while in the front compartment the temperature will average about 70 degrees. The chicks, therefore, may suit themselves, going to or from the heat at will. (See illustrations.)

Tenth—The round chick guard prevents any crowding of the chicks, and also prevents their coming in contact with the circular heat dome, to their injury.

Eleventh—In the night-compartment of this brooder there are no stairs to climb, hence no danger of the little chicks getting lost or becoming chilled while learning the way.

Twelfth—It is the most durable and best made brooder on the market, regardless of price. Both the chick chamber and front run may be reached through full sized doors and these doors or lids are covered with heavy tin, painted with two coats of mineral paint. We unhesitatingly recommend this brooder for both outdoor and indoor use. It may be left out in rain storms or wind storms, and, with reasonable care, the chicks entrusted to it will be comfortable and do well. All chicks raised in brooders should be provided with outdoor runs and be given necessary exercise, depending on the season and the weather. Many customers of the Cyphers Company have bought these unequaled outdoor brooders for use inside of poultry houses, brooder houses, etc., during mid-winter.



Rear View of Brooder.

PRICE LIST OF CYPHERS INDOOR AND OUTDOOR BROODERS.

Style O, Indoor	\$8 00
Style O, Outdoor	9 00
Style B, Indoor	10 00
Style A, Outdoor (here shown and described)	12 00

SPECIAL ADVANTAGES IN BUYING OF U.S. First, we sell to you at factory prices. Second, we save you freight.

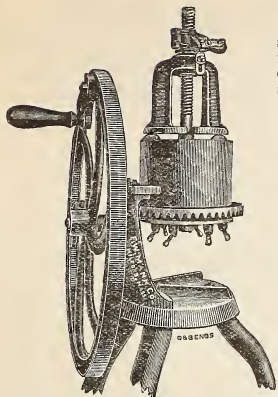
Next to its incubator, the Cyphers Company especially prides itself on the three-compartment Outdoor Brooder which it manufactures. We unhesitatingly pronounce this to be the best brooding device on the market, for **Either Indoor or Outdoor Use**, and which are sold at very reasonable figures.

First—It is the largest single flock brooder ever placed on the market.

Second—It is rain proof and storm proof.

Third—It is fire-proof, a Cyphers Safety Brooder Stove being used instead of a lamp.

Fourth—A brass cold water pan is used on the Cyphers Safety Brooder Stove, located between the flame and the oil bowl. Cold water placed in this pan keeps the wick from charring and the flame from smoking.



The New No. 4 Bone Cutter.

THE "HOOSIER," Broadcast Seed Sower. The only steel and reversible seed sower ever introduced. It runs so easily and smoothly that the weight of the handle will run it. It will sow wheat, oats, flax, millet, turnip seed, clover and all kinds of grasses, in fact, all seeds sown broadcast. Price \$1.25.

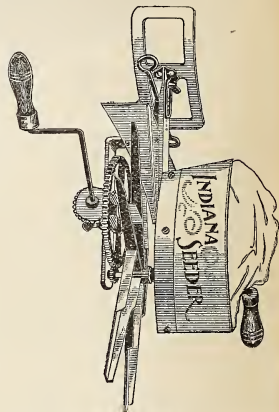
FERTILIZERS.

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.



The "Hoosier" Broadcast Seed Sower

ARMOUR'S FLOWER FOOD.

(Odorless.)
An excellent food for flowers and house plants, insuring a steady growth, healthy foliage, and early bloom. Contains a larger percentage of Plant Food Elements than any other flower food. Guaranteed to derive all of its Phosphoric Acid from Animal Bone, and not to contain phosphate rock or acid phosphate in any quantity. It is preferable to vegetable and stable fertilizers, because it does not breed worms and insects.

GUARANTEED ANALYSIS.

Amonia	8 1/2 to 9 per cent
Available Phosphoric Acid	14 to 15 per cent
Potash (K20)	12 to 13 per cent

POULTRY SUPPLIES.

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.

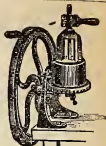
Crushed Oyster Shells, 4 lbs. 15c, 10 lbs. 30c; 100 lb. sack, \$1.00.

Pratt's Poultry Food, will keep poultry healthy. 1 pkg. 26 oz. 25c, 5 lb. pkg. 60c.

Lec's Lice Killer—1 qt. can, 35c, 2 qt. can 60c, not prepaid.



FOOD FOR HORSES AND CATTLE—Pratt's, 12 lb. bag, 75c.



Mann's Bone Cutter, No. 1 B.

THE NEW NO. 4 (See Cut.) The most perfect bone cutter ever made. It surpasses all others in easy and rapid cutting. The automatic governing spring feed is the only feed ever made that actually controls the power required in turning, so that any and all kinds of bone, either hard or soft, cut equally easy. It cuts finer than any other machine ever produced, fine enough for the smallest chicks. Price: No. 4, without iron legs, \$15.00; with iron legs (weight 100 lbs.) \$18.75.

Lightning Compressed Air Sprayer.

This sprayer is made of heavy galvanized iron and holds nearly four gallons of liquid. The pump is made on the outside and the air is forced through the inside valve. It is also provided with a safety valve which prevents over pressure, so that when the air is forced in the safety valve will blow off, after it reaches its proper degree of pressure. This sprayer is provided with two nozzels, one for spraying tall trees and the other for shrubbery. After the air is pumped into the Lightning Compressed Air Sprayer there is no more labor required. It will spray ten acres of potatoes in a few hours, as it covers two or three rows at a time. The illustration shows one of the many kinds of work for which the Lightning Compressed Air Sprayer is adapted. Price, each \$5.00.



Mole Traps, each \$1.00.
 Plant Bed Cloth, Medium, per yard 12½c.
 Per bolt, 10c per yard.
 Plant Bed Cloth, Heavy, per yard 15c. Per bolt
 12½c per yard.



Sprinkler, Scollay's,
 \$1.00, Medium, 75c.
 Scollay's Putty Distribu-
 tor, price \$1.00.
 Syringes, French zinc,
 with brass spray, \$1.50.
 Shears, Wiss' Pruning,
 \$1.65, prepaid \$2.00.
 Trowels, Steel, 6 inch 30c, 7 inch 35c, Com-
 mon 25c.
 Dibber, for transplanting, steel point 30c,
 postpaid 40c.



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 infested with insects,

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 brass,) the reservoir holds two quarts, which is enough to spray 2,000 hills of potatoes. Each \$1.00.

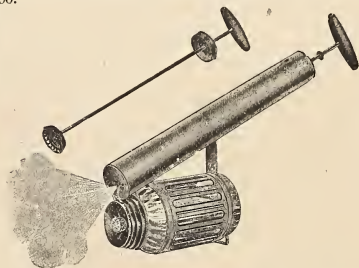


Weeder, Hazelting, 25c.

LANG'S HAND WEEDER

HANDIEST
 TOOL
 ON EARTH. 30¢
 BY MAIL
 PREPAID

Excelsior Weeder 25c.
 Noy's Weeder 25c.



No. 3—Double Tube, has detachable reservoir. Each \$1.00.

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. ¼ lb. 15c, ½ lb. 25c, 1 lb. 40c.
 Paris Green—1 lb. to 200 or 300 gallons of water. ¼ lb. 15c, ½ lb. 25c, 1 lb. 40c.
 Persian Insect Powder—¼ lb. 20c, ½ 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. ¼ lb. box 10c, ½ lb. box 15c.
 Grafting Wax—lb. bar 40c, if by mail add 10c per lb.



PAINTED FROM NATURE.

GIANT PANSIES.