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61st ANNUAL SEED MANUAL 1929



The New Home of

MARTIN C. RIBSAM & SONS CO.
143-5-7 EAST FRONT ST.
between Broad and Montgomery Sts.
TRENTON, N. J.

D. N. Shoemaker
Vegetable Seed Trials

THE GREATER RIBSAM'S OFFERS ITS 61st MANUAL

in the confident hope that it will be even more helpful than any of its predecessors. That Quality, Dependability and Satisfactory Service which have made Ribsam's an outstanding establishment in the past will be continued. The second year in our great store—said by travelers to be the finest of its sort in America has been our most successful, by far. Its huge size has permitted greater variety; greatly increased facilities, and because everything is now under one roof, customers find dealing with Ribsam's more enjoyable than ever.

We would be remiss in courtesy if we did not express our gratitude for the response to our efforts to provide greater accommodation for buyers, and we acknowledge that response most heartily. We shall endeavor to merit its continuance.

THIS IS OUR SEED DEPARTMENT



In it, at all times, are the most reliable seeds we can procure. We buy only from sources of known dependability, and then make your buying doubly satisfactory by testing all seeds in our greenhouse. WE KNOW what we sell, as far as it is possible to find out.

NOTICE

Our Aim is to Sell the Best Seeds Obtainable. We give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we sell and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned and money refunded. NOT TESTED SEED. So marked to comply with chapter 228, Laws N. J. 1916.

REGARDING POSTAGE OF VEGETABLE SEEDS

When ordering seeds sent by mail within 150 miles, add 7c for the first pound, and 1c for each additional pound. A quart of seed weight about two pounds.

In making payment by mail, send checks or postal orders for amounts over ONE DOLLAR. Less than a dollar may be sent in specie at our risk.

For Best Results and Most Profit—ORDER EARLY!

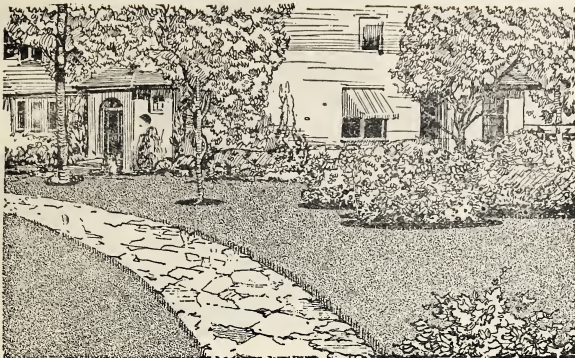
Martin C. Ribsam & Sons Co.

143-5-7 EAST FRONT STREET

TRENTON, N. J.

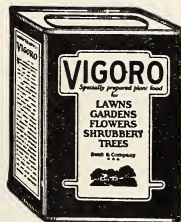
Phone 7-5107

Implement Department Phone 4534



Ribsam's Lawn Grass Seeds

The preparation for laying down lawn is too often hastily and imperfectly made. The first point is to get the ground shaped to the desired grade, taking care in grading that when the hills are removed sufficient subsoil is also removed, to be replaced with top soil, so that at least six inches of good soil will overlay the whole in all places. When the grading is finished, drains should be laid wherever necessary; then the whole should be thoroughly plowed, a subsoiler following in the wake of the common plow, until it is completely pulverized. A heavy harrow should then be applied, until the surface is thoroughly fined down. All stones, roots, etc., should be removed, so that a smooth surface may be obtained. The lawn is now ready to be sown. When the seed is sown, a light harrow should again be applied, and after a thorough rolling given, so that the surface is made as smooth as possible. In the latitude of New Jersey the seed may be sown at any time during the months of April and May, and will form a good lawn by August if the preparation has been good. If sown in hot months of June or July, a sprinkling of oats should be sown at the same time, so that the shade given by the oats will protect the young grass from the sun. For small plots, of course, digging, trenching and raking must be done instead of plowing, subsoiling or harrowing. August and September are also good months to sow grass seed.



QUANTITY OF LAWN GRASS SEED TO SOW

One pound is sufficient to sow 200 square feet, 10x20 ft., seventy-five to one hundred pounds per acre are required for a rapid sward.

If by mail, add seven cents per lb. for first pound and one cent for each additional pound thereafter.

RIBSAM'S CHOICE LAWN GRASS SEED—This is composed of choice selected grasses, of neat compact growth, and will produce fine sward. 50c. per lb. (which measures somewhat near a quart); 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs., \$7.50 (about 1 bushel); 100 lbs., \$32.50.

RIBSAM'S OLD ENGLISH LAWN GRASS SEED—This mixture is composed of fine blade grasses (white clover and coarser grass seed omitted in mixture) which gives the lawn a pretty velvety appearance. 60c. per lb.; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs. (about 1 bushel), \$9.00; 100 lbs., \$42.50.

RIBSAM'S SHADY NOOK LAWN GRASS SEED—A special Grass Seed mixture for shady spots or under trees where very little sun gets to the grass. 60c. per lb.; 5 lbs., \$2.75; 10 lbs., \$5.00; 20 lbs., \$9.00; 100 lbs., \$42.50.

GRASS SEED in separate kinds for Lawn, Pasture and Hay, see pages 34 and 35.

Ribsam's Lawn Fertilizer

It is far superior to lump, straw manure, which disfigures the lawn with filthy materials, giving off an offensive odor, and is less expensive than manure; the cost of the Dressing being less, in many cases, than the cost of applying stable manure. It is odorless, and is so clean that anyone can apply it. It contains no weed seeds found always in manure, and which are the pests of the lawn. This is so prepared that it acts gradually through the season, producing a luxurious growth of rich green of grass color. It may be applied at any time during the Spring or early Autumn, or as often as the grass seems to need nourishment. One pound to ten square feet, or 500 pounds to an acre. Price, 6c. per lb.; per bag of 10 lbs., 50c.; per 25 lbs., \$1.00; per 100 lbs., \$3.75; per ton, \$55.00.

SHEEP MANURE—5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00; 100 lbs., \$3.25; ton, \$52.50.

BONE PURE GROUND—5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., \$1.00; 100 lbs., \$3.50; ton, \$60.00.

LIMOID HYDRATED (for Lawn and Vegetable Garden)—Prices, 10-lb. bags, 25c.; 25-lb., 50c.; 50 lbs., 75c.; 100 lbs., \$1.25; ton, \$18.00.

VIGERO (Stimulation for Backward Lawns)—5 lbs., 50c.; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

GRASSILLI PLANT AND LAWN FOOD—5 lbs., 50c.; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.



APPLE TREES

5 to 6 ft., 2 years old. \$1.00 each; \$9.00 per doz.
DELICIOUS—Large red fruit of fine flavor. Winter keeper.
YELLOW TRANSPARENT—Summer variety. Large yellow, juicy. Good bearer.

DELICIOUS FRUIT FOR THE HOME GARDEN

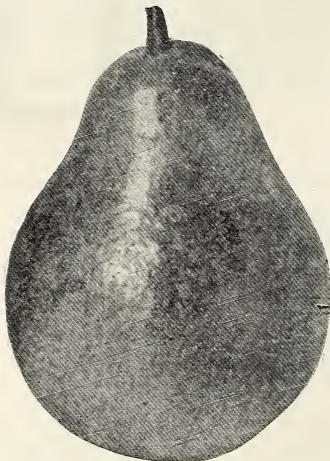
Below we have compiled a selected list of well-grown Fruit Trees, Berry Plants and Roots that are invaluable for home use. We have selected the best of the respective varieties that are sure to give satisfaction. These are offered in the dormant state only and can be supplied from March 15 to May 1st, depending on weather conditions.

The Satisfaction of eating handsome sparkling fresh fruit from one's own garden cannot be measured. Only those who have had this pleasurable experience know their appetizing luciousness.

Many otherwise waste spaces in corners along fences and terraces can be utilized to provide abundant delicacies fit for any epicurean banquet.

PEAR TREES

5 to 6 ft. 2 years old. \$1.00 each; \$9.00 per doz.



Bartlet

BARTLET—Late summer variety. Large yellow. Fine quality.

DUCHESS—Autumn. Large, light green. Excellent quality.

SICKEL—Autumn. Small fruit, russet, juicy, sweet, melting tender



Grimes Golden, Fall Variety

GRIMES GOLDEN, FALL VARIETY—Fine golden yellow. Very popular.

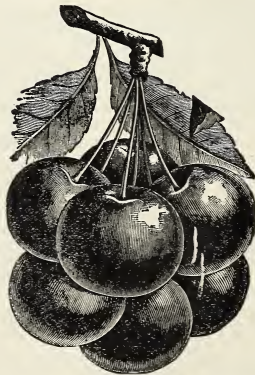
ROME BEAUTY—Early winter variety. Handsome large, semi-red. Excellent quality. Good keeper.

STAYMENS WINE-SAP—Winter variety. Red. Excellent quality. One of the best keepers.

HYSLOP-CRAB—Dark red. One of the best crab variety

CHERRY TREES

5 to 6 ft., 2 years old. \$1.00 each; \$9.00 per doz.



MONTMORENCY—Sour, large bright red. One of the best.

BLACK TARTARIAN—Black. Large sweet. Heart shape. Early.

YELLOW SPANISH—Yellow and blush. Large and of good flavor.

SCHMIDT BIGEREAU—Red. Immense size, very juicy, fine flavor.

NAPOLEAN—Yellow and red. Large, sweet, juicy. Heart shape.

PLUM TREES

5 to 6 ft., 2 years old. 75c each; \$7.50 per doz.

GERMAN PRUNE—Large dark purple. Sweet and juicy.

GREEN GAGE—Large pale green. Sweet and juicy.

DAMSON—Medium dark purple. One of the best for preserving.

BURBANK (Japan)—Yellow flesh. Large red fruit. Excellent quality.

SATSUMA (Japan)—Large purplish red. Flesh dark red. Fine flavor, splendid for canning.

PEACHES

5 to 6 ft., one year buds. 75c each; \$7.50 per doz.

BELLE OF GEORGIA—Large white, red check. Excellent flavor.

ELBERTA—Large yellow, red check. Firm and juicy.

HALE J. H.—Large yellow, carmine blush. Very large. Delicious.

STUMP—Large, white, red check. Late.

CRAWFORD LATE—Large yellow. Superb late sort.

IRON MOUNTAIN—Large, white. Best very late sort

QUINCE

5 to 6 ft. \$1.00 each; \$9.00 per doz.

ORANGE—One of the best standard sorts.

CURRENTS

2 years old. 25c each; \$2.50 per doz.

FAYS PROLIFIC—Good producer of large red fruit.

GOOSEBERRIES

2 years old. 25c each; \$2.50 per doz.



Downings

DOWNINGS—Large pale green berry. A good cropper.

RASPBERRIES

Sucker plants. 10c. each; 75c per doz.; \$3.50 per 100.

ST. REGIS—Red everbearing. Most prolific of good quality.

PLUM FARMER—Black berries, large, good quality.

BLACKBERRIES

Strong plants. 10c each; 75c per doz.; \$3.50 per 100.

ELDORADO—Strong grower. Berries large, good cropper.

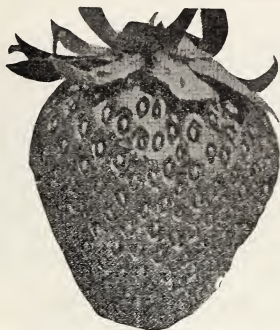
STRAWBERRIES

Strong plants. 25c per doz.; \$1.50 per 100; \$8.50 per 1000.

SUCCESS (Perfect Bloom)—Early large, firm, bright crimson.

PREMIER P. B.—Early large green cap, red flesh and berry. Great cropper.

BIG JOE P. B.—Medium berry, large, good grower and productive.



Premier P. B.

GANDY—Late. Among the best late sorts. Fine for preserving.

PROGRESS EVERBEARING—Standard sort. 50c. per doz.; \$2.50 per 100.

GRAPE VINES

2 years old. 25c each. \$2.50 per doz.

MOORE'S DIAMOND—Large white midesason. Large bunches and sweet.

MOORE EARLY—Large black, early, good quality.



Delaware

DELAWARE—Small red berry. Sweetest of all grapes. **CONCORDS**—Black one. Standard varieties. Good producers.

NIAGARA—White, large, late, good cropper and quality. **WORTON**—Black, very large sweet berry. One of the best late.

ASPARAGUS ROOTS

2 years old. \$1.50 per 100; \$8.50 per 1000.

RHUBARB ROOTS

2 years old. 10c each; \$1.00 per doz.

HORSE RADISH ROOTS

50c per doz.; \$1.50 per 100.



Standard Varieties of Tested Vegetable Seeds

FOR THE GARDEN AND THE FARM

With Directions for Cultivations

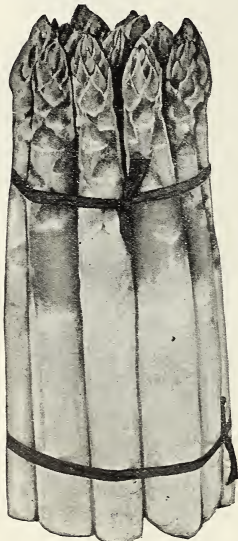
WE OFFER no Novelties, as a large percent of those that are offered on the market are worthless. Some few are good old sorts re-named by dashy catalogue writers. We offer only good, tried varieties that are profitable to the Gardener, Trucker and Farmer, excellent in quality and profitable producers. When ordering seed for Parcel Post delivery add 7 cents for first pound and 1 cent for each pound thereafter for distances less than 150 miles.

ARTICHOKE

One ounce of Artichoke will sow 100 feet of drill and produce about 500 plants.

Sow in April, in rich soil, and transplant the following Spring to permanent beds, in rows or hills three feet apart and two feet between the plants. The plantation the first season will only give a partial crop, but it is a perennial after being once planted the beds will remain in bearing for years. It should be protected in Winter by a covering of leaves or coarse manure.

LARGE GREEN GLOBE, PARIS—Best for general culture. 10c. per pkt; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.



Mary Washington

ASPARAGUS

GERMAN SPARGEL, ITALIAN SPARAGIO,
POLISH SZPARAGI

One ounce of seed will produce 200 roots and sow about 50 feet of drills. One hundred roots will set a bed 12x30 feet, which will be large enough for ordinary family. For field culture, plant in rows 5 to 6 feet by $1\frac{1}{2}$ feet apart in the row, according to soils.

Sow early in Spring, as soon as the ground will admit of working, in rows 3 feet apart. Keep carefully hoed and clear from weeds and the plants will be in condition to set out the succeeding Spring. The soil for the permanent beds should be thoroughly manured and trenched to a depth of at least two feet. Plant in rows 5 to 6 feet apart, and one and a half feet between the plants in the rows. Spread the roots well out, and let the crown of the plant be covered about six or eight inches when established.

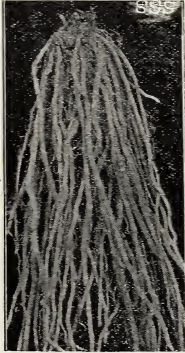
MARY WASHINGTON—The highest type of the rust-resistant Asparagus. It is earlier, larger and longer than the original Washington and quite as resistant. Tips are very tight and do not sprangle out or blow prematurely. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

GIANT ARGENTEUIL, OR FRENCH—Most popular variety on account of its large, thick stalks. Very tender and excellent flavor. 5c. per pkt.; 10c. per oz.; 25c per $\frac{1}{4}$ lb.; 75c. per lb.

PALMETTO—This variety is much earlier than Conover's Colossal, a good yielder, and is more even and regular in growth. Quality as good as Conover's Colossal. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 65c. per lb.

WASHINGTON—This asparagus which has been selected by the United States Department of Agriculture, Washington, D. C., has proven to be nearly rust free. The shoots are thick and heavy, the color is rich, dark green. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

ASPARAGUS ROOTS



Asparagus Root—Two Years Old

MARY WASHINGTON—One year old roots, \$1.50 per 100; \$7.50 per 1000.

WASHINGTON—Two-year-old roots, \$1.50 per 100; \$8.50 per 1000.

GIANT ARGENTEUIL—Two-year-old roots, \$1.50 per 100; \$7.50 per 1000. One-year, \$1.00 per 100; \$6.50 per 1000.

PALMETTO—Two-year-old, per 100, \$1.50; per 1000, \$7.50. One-year-old roots, \$1.00 per 100; \$6.50 per 1000.

Ask for prices on quantities of 5000 or more roots.

BEANS—English or Broad

This class is very hardy, and should be planted as soon as the soils is in good state in the Spring. Plant four inches apart and two inches deep, in drills four feet apart. To insure well-filled pods, pinch off the tops as soon as the lower pods begin to set.

EARLY MAZAGAN (Long Pod)—Matures in fifty days after germination. 15c. per $\frac{1}{4}$ lb.; 25c. per $\frac{1}{2}$ lb.; 45c. per lb.

BROAD WINDSOR—Best for general use. 15c. per $\frac{1}{4}$ lb.; 25c. per $\frac{1}{2}$ lb.; 45c. per lb.

BEANS—Dwarf or Bush

GERMAN BOHNEN, ITALIAN FAGIUOLI, POLISH FASCOLA

Sixty Pounds to a Bushel

These prices on Beans are subject to change without notice.

One pound will plant 50 to 60 feet of drill.

Sixty pounds will seed an acre.

A succession of sowing can be made from the first week in May until the middle of August. Plant in drills about two inches deep, and from eighteen inches to three feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The plants should be about three inches apart.



Early Green Fill Basket

Green Pod Varieties

Prices Subject to Market Fluctuation

FRENCH DWARF HORTICULTURE. (Also called **Italian Bean**)—Large green pods splashed with carmine; about five inches long, short and flat, almost stringless. 35c. per lb.; 30c. per 10-lb. lots; 28c. per 100-lb. lots.

BOUNTIFUL—An extra early flat-podded variety, stringless and of fine quality. 35c. per lb.; 33c. per 10-lb. lots; 30c. per 100-lb. lots.

FULL MEASURE—Long, round pod, stringless, very prolific. Pods attractive green color; firm and tender. Plants erect, with dark green foliage, also blight proof. 35c. per lb.; 33c. per 10-lb. lots; 30c. per lb., 100-lb. lots.

EARLY BLACK VALENTINE—Very popular on account of its extreme hardness and earliness. Pods long, smooth, round and bright green, large yielder. They must be picked quick, as they toughen quickly. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. in 100-lb. lots.

EARLY BURPEE STRINGLESS GREEN POD—Very fine quality. Early and strong grower. One of the best round pod sorts. A good picking sort. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per lb. in 100-lb. lots.

THE GIANT PODED STRINGLESS VALENTINE—The pods are borne in enormous quantities close to the center of the plant and are not only longer but much thicker and more meaty than any of this stringless type. A desirable commercial variety. 35c. per lb.; 10-lb. lots, 33c. per lb.; 30c. per lb. in 100-lb. lots.

EARLY FILL BASKET, NEW—Early, hardy, strong grower. Round, straight pod, 6 inches long. Very productive, almost stringless, of a beautiful green color. 35c. per lb.; 33c. in 10-lb. lots; 30c. per lb. in 100-lb. lots.

LATE REFUGEE, 1000 to 1—Late, very productive, tender and large. Grown for main crop. Round pod. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per lb. in 100-lb. lots.

LARGE WHITE KIDNEY—Excellent as a shell bean, green or ripe. 20c. per lb.; 10-lb. lots, 18c. per lb.

WHITE MARROWFAT—Extensively grown for sale in the dry state; of average quality as a strong bean, but excellent shelled, either green or dry. 25c. per lb.; 10-lb. lots, 20c. per lb.

WHITE NAVY—Small round white winter bean. 25c. per lb.; 15-lb. lots, 20c. per lb.

WAX OR YELLOW-PODDED VARIETIES

60 Pounds to a Bush

UNRIVALED WAX—Extra early, enormous cropper. Pods $5\frac{1}{2}$ inches long, somewhat curved, semi-flat, rather slim, but fleshy and tender. Color pale yellow and fibreless. 35c. per lb.; 10-lb. lots, 33c. per lb.; 30c. per lb. in 100-lb. lots.

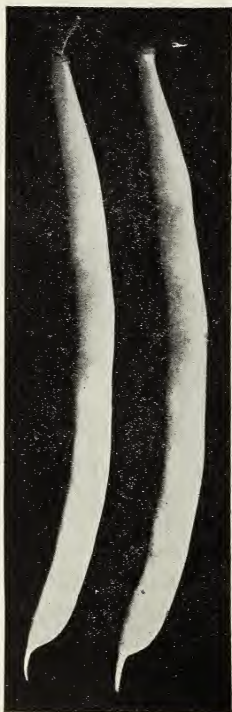
SURE CROP WAX—Early black seed wax. Pods flat, large; stringless, rust-resistant, hardy sort. Very desirable market sort. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per lb. in 100-lb. lots.

KIDNEY WAX—Plants erect, grows 18 to 20 inches, free from blight and rust. Pods lemon yellow, semi-round stringless, 6 to 7 inches long and bear twice as many as Wardwell's and yields at the same time. Shows up beautifully in basket. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. in 100-lb. lots.

CURRIE'S RUST-PROOF EARLIEST WAX—Pods long, flat and straight, of a beautiful golden color. Quality not surpassed, and for productiveness, unequalled. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per lb. in 100-lb. lots.

DAVIS KIDNEY WAX—A white seeded Wax Bean long oval pods. One of the best for private use. 35c. per lb.; 10-lb. lots, 28c. per lb.

IMPROVED GOLDEN WAX—A flat podded sort, but probably the best known of the yellow wax pod varieties, having become everywhere popular because of its long, showy pods, which are nearly twice the length of the old Black-Seeded Wax. 35c. per lb.; 10-lb. lots, 30c. per lb.; 28c. per 100-lb. lots.



Pencil Pod Wax

PENCIL POD WAX—Pods are long, straight, round like a pencil; fleshy, of a bright yellow color, tender, brittle and absolutely stringless; very productive. 35c. per lb.; 10-lb. lots, 33c. per lb.; 30c. per lb., 100-lb. lots.

WARDWELL'S RUST-PROOF KIDNEY WAX—This bean is remarkably free of rust. Pods long, broad and of delicate waxy yellow; entirely stringless. 35c. per lb.; 10-lb. lots, 33c. per lb.; 28c. per lb., in 100 lb. lots.

ROUND POD KIDNEY WAX or BRITTLE WAX—A vigorous grower, pods fleshy, stringless and rust-proof. 35c. per lb.; 10-lb. lots, 33c. per lb.; 30c. per lb., 100-lb. lots.

BEANS—Pole or Running

Snap Podded

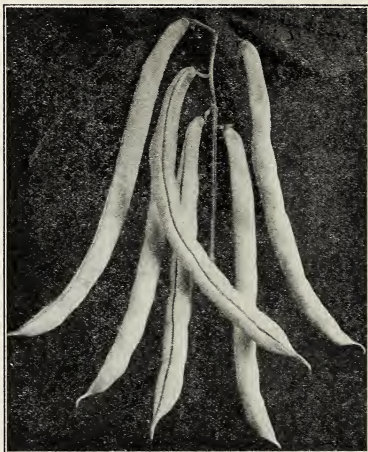
60 Pounds to a Bushel

One pound will plant about 50 hills.

These are more tender and require rather more care in the culture than the bush beans, and should be sown two weeks later than those; they succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed according to the variety, from three to four feet apart; from five to six seeds are planted in each hill, about two inches deep.

HORTICULTURE POLE or CRANBERRY—Pods five to six inches long, straight, flat, stringless and of good quality—color dark green splashed with bright red. 30c. per lb.; 10-lb. lots, 25c. per lb.

OLD HOMESTEAD or KENTUCKY WONDER—Very early and enormously productive, long green pods, hanging in clusters on the poles, are stringless and cook tender. 10c. $\frac{1}{4}$ b.; 35c. per lb.



Kentucky Wonder

EARLY GOLDEN CLUSTER POLE WAX—The Early Golden Cluster begins to bear early in July and continues until frost. The pods are from six to eight inches long, and are borne in clusters of from three to six, and are most freely produced. The pods are of a beautiful golden color, and the flavor is most delicious. This variety can be used either shelled or as a string bean. 10c. $\frac{1}{4}$ lb.; 35c. per lb.

DUTCH CASE KNIFE—A very productive variety, and one of the earliest; sometimes used as "snap," but generally shelled. 10c. $\frac{1}{4}$ lb.; 35c. per lb.

LAZY WIFE'S POLE BEAN—The pod grows from six to eight inches long, entirely stringless and of a rich buttery flavor when cooked. 10c. $\frac{1}{4}$ lb.; 35c. per lb.

WHITE GREASEBACK—Long green pod, snap short; very tender; pods attractive and prolific; grow five to six inches in length. 10c. $\frac{1}{4}$ lb.; 35c. per lb.

SCARLET RUNNER—A great favorite in European garden both as an ornamental and a useful vegetable. It grows to the height of ten feet, producing dazzling scarlet flowers. 10c. $\frac{1}{4}$ lb.; 35c. per lb.

BUSH LIMA

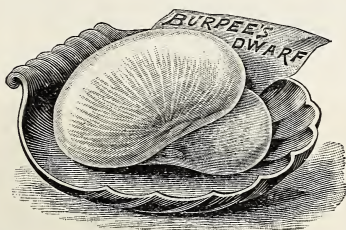
Prices Subject to Market Fluctuation

60 Pounds to Bushel

FORDHOOK BUSH LIMA—Best market variety of the bush sort. The beans are thick, of large size, and fine quality. Very prolific. 10c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10-lb. lots 33c. per lb.; 100-lb. lots, 32c. per lb.

DREER'S BUSH LIMA—The best variety of the Bush Lima for home garden. Pods are well filled and quality of bean unexcelled. 10c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10-lb. lots, 33c. per lb.

HENDERSON'S BUSH LIMA—Produces enormous crops of delicious small Lima Beans, which can be as easily gathered as the common garden Bush Bean. It is at least two weeks earlier than any of the climbing Limas. 10c. per $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 25c. per lb.



Improved Burpee's Bush Lima

IMPROVED BURPEE'S BUSH LIMA—Larger in size and color than Burpee's, green in color, and quality good. Improvement on Burpee bush Lima. 10c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10-lb. lots, 30c. per lb.; 100-lb. lots, 28c. per lb.

BEANS—POLE LIMA

60 Pounds to a Bushel

GIANT PODDED—The largest Podded Lima in cultivation. Pods measuring 7 inches long. Dark green in color. Borne in clusters as many as 6 to 8. 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

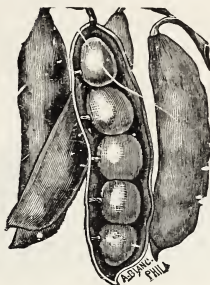
DREER'S IMPROVED POTATO or CHALLENGER—Earlier and more prolific than large lima. Bean small and of extra quality, thick. Produces almost all season. 10c. per $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

FORD'S GREEN MAMMOTH—This is undoubtedly the best of all the climbing Limas, the individual beans being of enormous size, containing from five to eight Green Beans to a pod. 10c. $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

LEVIATHAN EARLY—An exceedingly early and an enormous cropper from the start; quality fine. 10c. per $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

CARPINTERIA—A variety that retains its green color at all times, even after drying. It has a very fine flavor, and size and is very prolific. It is a good early variety. The seed is broad and thick. 10c. $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

KING OF THE GARDEN—Large in pod, and bean very productive. 10c. $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.



Potato or Challenger

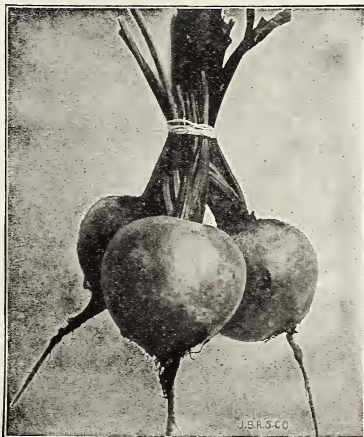
SIEBERT'S EARLY—An improvement on the large lima bean the pods being peculiarly thin and flexible so that they are more easily opened and shelled than other beans. When in condition for use they are larger than any other variety and very handsome in shape and color. It is the earliest of the large limas. Vines are hardy and very productive; a trial will be well rewarded. 10c. $\frac{1}{4}$ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

BEEF**GERMAN ROTE-RUBE, ITALIAN BARBABIETOLA, POLISH BURAKI**

One ounce of garden varieties will sow 75 feet of drill, 5 to 6 pounds to the acre.

The soil which is best suited for the culture of the Beet is that which is rather light than otherwise, always provided that it is thoroughly enriched with manure. For any early supply sow in Spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for Winter use sow in June. When the plants have attained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. On October the roots may be taken up and stored, care being taken that they are not bruised or injured in the process.

EARLY WONDER—Very early market sort. Short Top. Round Root flesh and skin. Dark Red. 10c. per pkt.; 15c. per oz.; 35c. $\frac{1}{4}$ lb.; \$1.00 per lb.



Early Wonder

NUTTING'S EARLY GEM—For early beet this is one of the best. Will grow well under sash. It is smooth and dark in color with small tops. An excellent all-season variety. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY EGYPTIAN TURNIP, CROSBY, IMPROVED AMERICAN STRAIN—Earliest beet in cultivation. Color, deep crimson. Of excellent quality. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY EGYPTIAN DARK RED—The old standard sort. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 90c. per lb.



Eclipse

ECLIPSE—While it is not as early as the Egyptian, it is better, because it is larger and of much finer quality. It makes a small top, and produces smooth growth, perfectly round Beets, the skin and flesh of which are of dark crimson color. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

CRIMSON GLOBE—Handsome second early main crop, market sort. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY LENTZ'S BLOOD TURNIP—It has a very small top and will produce a crop in six weeks from the time of planting the seed. It is very productive and a perfect keeper. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

BASTIAN'S BLOOD TURNIP—After the Egyptian Turnip, probably the earliest variety of Beet. Is of blood-red color, when boiled. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

EARLY BLOOD TURNIP—The standard early sort. An excellent variety. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.



Egyptian, Lentz, Bastian, Detroit

LONG SMOOTH BLOOD-RED—An excellent late variety. A great improvement on the common Long Blood. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

DETROIT DARK RED—One of the best market gardener's variety. Second early and a Fall and Winter variety. One of the best keepers, fine grained; remains tender longer than any other variety. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.; 75c. per lb. in 10-lb. lots.

HALF LONG—The principal points of excellence in the Half Long as distinguished from the round varieties are the vividly rich colors which characterize almost every long variety, and their peculiar adaption for slicing, while its extreme tenderness and freedom from a rooty fibre will make

it one of the leading winter sorts. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

WHITE SUGAR—Good for late table and stock feeding; sweet. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

BEET—SWISS CHARD

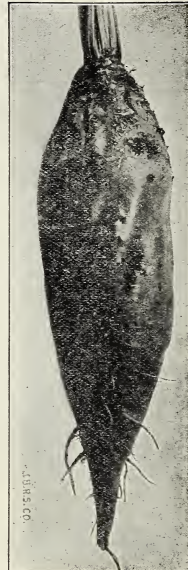
One ounce will sow 75 feet row. 5 to 6 pounds to an acre.

Swiss Chard or Spinach Beet are grown for their leaves. The midrib when boiled makes delicious greens, or the leaves may be boiled and served as Spinach. Sow early in the Spring. The leaves are soon ready to eat and will continue to grow all through the Summer and Fall. It has become a very profitable and likeable wholesome vegetable.

SILVER RIBBED GREEN LEAVED—Smooth leaves, large stem which are tender and of fine flavor. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

LUCULLUS—A new variety with curled leaves. Stem and leaves are very large and of the finest quality. It is also very ornamental plant for a garden. White stem and green curly leaves are very attractive. 10c. per pkt.; 15c. per oz.; 35c. per lb.; \$1.00 per lb.

BEET—MANGEL WURZEL



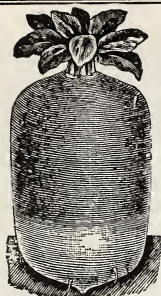
Mammoth Long Red Mangel Beet

The following varieties are grown for feeding cattle and stock. Sow in April or May. Six to eight pounds per acre, in rows three feet apart, thin out to six inches in the row. During rainy weather the plants can be transplanted.

MAMMOTH LONG RED—This is the finest stock of Long Red Mangel in cultivation. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.; 45c. per lb. in 5-lb. lots.

RED GLOBE—A variety similar to the Yellow Globe in shape and size, and differing only in color. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.

YELLOW GLOBE—Roots of large size and globular form. Very productive. Keeps better than the Long Red, and is better adapted for growing in shallow soil. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.; 45c. per lb. in 5-lb. lots.



Golden Tankard

GOLDEN TANKARD—This variety is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on account of its nutritious and milk-producing qualities. Sheep have preference for this sort over other mangels. It is said that they will pick out every piece of Golden Tankard before touching others. It yields enormous crops. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 50c. per lb.; 45c. per lb. in 5-lb. lots.

BROCCOLI

One ounce will sow 75 feet of drill, and produce about 2,000 plants.

Nearly allied to the Cauliflower, but more hardy; the seed should be sown in this district in the early part of May and transplanted in June; farther South the sowing should be delayed until June or July, and the transplanting accordingly, from August to October. In parts of the country where the thermometer does not fall below 20 to 25 degrees, Broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

ITALIAN OR CALABRESE—Extensively cultivated by Italian gardeners. Plant forms a large solid head which remains green. When central head is cut numerous sprouts develop from the leaf axils. Each sprout terminates in small green heads which are bunched for market. 25c. per pkt.; \$1.00 per oz.; \$5.50 per $\frac{1}{4}$ lb.; \$12.00 per lb.

WHITE CAPE—Heads medium size, close, compact and of a creamy white color. One of the most certain to head. 10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.50 per lb.

PURPLE CAPE—Differs only in color. 10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.50 per lb.

BRUSSELS SPROUTS

One ounce will sow 75 feet of drill, and produce about 2000 plants.

This is one of the best vegetables for Winter use, producing from the axils of the leaves an abundance of sprouts, resembling small cabbages, of excellent, mild flavor. It has never come into general use in this country, probably owing to

its being too tender to stand the Winters of the Northern States; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December, and in the Southern States may be had in use from November to March.

IMPROVED LONG ISLAND—Popular variety, producing numerous good-sized compact sprouts. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

DWARF IMPROVED—A variety producing compact sprouts. 10c. per pkt.; 20c. per oz.; 65c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

TALL FRENCH—Very fine. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

CABBAGE

GERMAN KRAUT, ITALIAN CAVOLA CAPUCCIO, POLISH KAPUSTA

One ounce will sow 75 feet of drill, and produce about 2000 plants.

The early varieties of Cabbage are cultivated more extensively than any other vegetable. In latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and planted out on the first opening of Spring, but in our Northern States they must either be sown in hot-beds in February, or, what is still better, wintered over in cold-frames. For this purpose the seed is sown from the tenth to twentieth of September. Attention to date is important; if too soon, the plants might run to seed, and if too late, they will be too small.

In four or five weeks from the time of sowing they will be fit to transplant into cold frames. In planting it is very important with Cabbage or Cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for if exposed, it will be split by the action of the frost, and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April, in rows about two feet apart, and eighteen inches between the plants in rows. The late varieties are usually sown in the early part of May, and the plants are set out in July, at a distance of three feet between the rows and two feet between the plants.



Early Jersey Wakefield

EXTRA EARLY JERSEY WAKEFIELD—Extensively grown in all parts of the country as the best and most profitable early variety in cultivation; and extra fine stock. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



Long Island Improved

EARLY GOLDEN ACRE—This is an extra early strain of Copenhagen Market Maturing 10 days earlier. Heads 9 inches in diameter, uniform weight of 5 lbs. Stalk short of compact growth. Can be planted as close as the Wakefields. 15c. per pkt.; 40c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$4.50 per lb.

CHINESE PTE-SAL—It is called cut cabbage in China, and is appearing extensively in our markets. It grows erect, not forming a head, and resembles Cos Lettuce. Its flavor is mild, and is used either as a salad or cooked. Set plants three feet apart and two feet in the row. 10c. per pkt.; 25c. per oz.; 85c. per $\frac{1}{4}$ lb.; \$2.75 per lb.

EARLY CHARLESTON, or LARGE TYPE OF WAKEFIELD—The Largest and Best First-Early Cabbage. The stock was selected from one of the best stocks of Wakefield, a large type, which is now so fixed in its character that we can offer it with confidence to those desiring a Cabbage of this kind. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

COPENHAGEN EARLY MARKET—An excellent early variety. Matures at about the time of Charleston Wakefield. Heads very large and round. Leaves light green, head very heavy and it is a very uniform cropper. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



Early Summer

EARLY SUMMER—It is about ten days later than the Wakefield, but being fully double the size it may be classed as the best early flat head Cabbage. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

EARLY FLAT DUTCH—A valuable early variety, largely grown in the vicinity of New York. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

ALL SEASON—Suitable to plant any time, early or late. A sure header. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

SUCCESSION—The Succession we regard as the most valuable variety that has been introduced since the Early Summer. It is the best Cabbage for either early or late use ever offered. The Succession is about one week later than the Early Summer but it is double the size. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

AUTUMN KING or WORLD BEATER—A distinct strain of late Cabbage, which is highly spoken of by all market gardeners who have thus far tested it. The heads are of enormous size and very solid. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

DANISH BALL HEAD—A very handsome and extremely hardy imported Cabbage, which is growing in popularity in America, having proven one of our Best Winter Sorts. Heads are not quite as large as the Late Flat Dutch, but very hard, round, fine grained, and will weigh one-fourth more than other varieties of equal size. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



Surehead

SUREHEAD—A good all-around late Cabbage. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

SELECTED PREMIUM LATE FLAT DUTCH—To this we have only to add that the seed offered has been grown from heads uniform in size, large and solid. Those who buy it for the first time will find it to be one of the most satisfactory strains of late Cabbage they have ever used. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



Selected Premium Late Flat Dutch

ENKHUIZEN GLORY—Very excellent round headed variety. Matures with Charleston Wakefield. Will remain a long time after heading without bursting. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

DRUMHEAD SAVOY CURLY CABBAGE—The largest heading sort of excellent flavor. 10c. per pkt.; 25c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

LARGE LATE DRUMHEAD—Grows to a large size, with round compact heads. 19c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

RED DUTCH—Used almost exclusively for pickling. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

MAMMOTH ROCK RED—This is by far the best, largest and surest heading Cabbage ever introduced. The head is large, round, very solid and of deep color inside, as well as outside. Ninety-eight per cent of the plants will form extra fine heads. The best of the red cabbages. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

CABBAGE PLANTS

Prices Subject to Fluctuation

EARLY SORTS

EARLY WAKEFIELD AND EARLY SUMMER—10c. per doz.; 75c. per 100; \$5.00 per 1000 out of seed bed. Transplanted plants, 25c. per doz.; \$1.25 per 100.

LATE SORTS

SUREHEAD, DANISH BALL HEAD, LATE FLAT DUTCH, AUTUMN KING, SUCCESSION—75c. per 100; \$4.50 per 1000. Field grown. Special prices given on lots of 5,000 or 10,000.

CARDOON

One ounce will sow 100 feet of drill.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in Spring, where the plants are to remain in drills three feet apart, an inch and a half deep, and thin out the young plants to a foot apart in the drills.

LARGE SPANISH—10c. per pkt.; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.50 per lb.

CARROT

GERMAN GELBE-RUBEN, ITALIAN CAROTA, POLISH MARCHEW

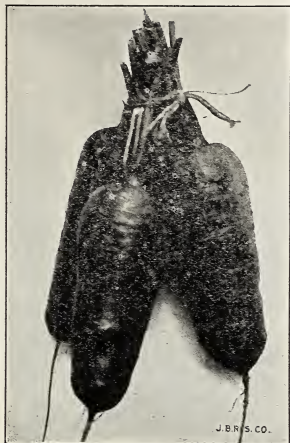
One ounce will sow 100 feet of drills. 3 pounds will seed an acre.

The Carrot, like other root crops, delights in a sandy loam, richly filled. For early crops sown in Spring, as soon as the ground is in good working order; for later crops, they may be sown any time until the middle of July. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. For field culture, rows three feet apart; four inches apart in the row.

CORELESS—A new strikingly handsome early carrot. Deep orange in color, smooth cylindrical in form, 6 inches length by $1\frac{1}{2}$ inch in diameter. Free from woody heart or core and of the highest quality. 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.00 per lb.

EARLY FRENCH FORCING—The earliest variety; valuable for forcing; root small and of fine flavor. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EARLY SCARLET HORN—An old favorite sort, much esteemed for early Summer use. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.



Early Half Long Chantenay

EARLY HALF (Stump Rooted Nantes)—A variety intermediate in size and maturity between the preceding and Long Orange. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

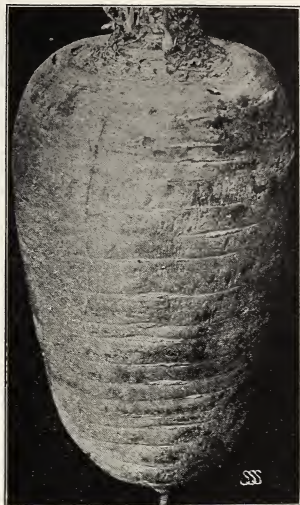
CHANTENAY HALF-LONG—Fine orange scarlet color, very productive; especially desirable for market or home use. The flesh is tender, firm and finely grained. Six inches long, stump rooted. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

OX-HEART or GUERANDE—Early, short thick, very smooth and handsome market sort. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.



Long Orange Improved

LONG ORANGE IMPROVED—The roots are of large size. Equally adapted for garden or farm culture. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.



Rubicon Half-Long Orange

RUBICON HALF-LONG ORANGE—It is uniform in shape, and its deep red orange-colored flesh makes it the finest in quality. It is earlier than Danvers. Heavier and thicker at the shoulder. Exceedingly heavy cropper. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

DANVERS—A variety of great promise, in form midway between the Long Orange and Early Horn Class. In color it is of a rich shade of orange, growing very smooth and handsome. It is claimed that this variety will yield the greatest bulk with the smallest length of root of any now grown. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

CATTLE CARROT

LARGE WHITE BELGIAN—A very productive kind. Grown almost exclusively for stock; grows one-third out of the ground; lower part of the root white, that above the ground, green. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

YELLOW BELGIAN—When young the roots are mild, delicate and of good flavor; when full grown valuable for stock. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

CAULIFLOWER

GERMAN BLUMENKOHL, ITALIAN COVOLOFLORE,
POLISH KALAFIORY

One ounce will sow 75 feet of drill and produce 2000 plants.

Any soil that will grow Cabbage will grow Cauliflower, as their requirements are almost similar. But as the product is more valuable, extra manuring and preparation of the soil will be well repaid.

The seed may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seeds in the hot bed in January or February and transplanting the plants at two or three inches apart, in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by planting out too early.



Henderson's Early Snow-Ball

HENDERSON'S EARLY SNOW-BALL—It is the earliest of all Cauliflowers. Sown at the same time and under the same conditions with ten other kinds, on the 1st of June, heads of the Early Snow-Ball measuring nine inches in diameter, are about one week earlier than any other sort. Besides this variety, every plant forms a fine head. In addition to its earliness and greater certainty to head than any other sort, its dwarf habit and short outer leaves allow it to be planted as close as 18 inches apart. For forcing under glass during Winter and Spring, this variety is particularly well adapted. 25c. per pkt.; \$2.00 per oz.; \$6.00 per $\frac{1}{4}$ lb.; \$20.00 per lb.

DRY WEATHER—Especially adapted to dry soils and long dry seasons. Heads large and pure white. 25c. per pkt.; \$2.00 per oz.

EXTRA EARLY PARIS—A well-known excellent variety. 15c. per pkt.; 75c. per oz.

EXTRA EARLY DWARF ERFURT—A favorite early market variety; large, compact heads of fine quality. 25c. per pkt.; \$2.00 per doz.

CELERYAC, OR TURNIP ROOT-CELERY

One ounce will produce 3000 plants.

A variety of celery having turnip-shaped roots, which may be cooked and sliced, and used with vinegar, making a most excellent salad. It is more hardy, and may be treated in the same manner as Celery.

GIANT PRAGUE—10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



Giant Prague

CELERY

GERMAN SELLERIE, ITALIAN SADAMA, POLISH SELERY

One ounce will sow 100 foot row, and produce 3000 plants.

Sow in open ground as soon as it is fit to work, late in March or early in April. Keep clear of weeds until time for transplanting, in June or July. The tops should be short off once or twice before transplanting to insure stocky plants. When from four to six inches high, transplant into broad shallow trenches nearly on the level, three feet apart, and six inches in the rows. The soil should be light, highly manured and moist, or near water, as the plants must be freely watered in dry weather. Earthing up should not be begun until the plants are quite well grown; then earth up gradually, keeping the leaf-stocks close together, so that the earth may not fall into the center of the plant. Never earth up in wet weather or when the dew is on the plant. Celery for very late use which is earthed or bunched up early is liable to rust. When severe cold weather comes on, cover with leaves, hay or straw, and place boards on the top to keep out moisture. The covering must be put on gradually, else there will be danger of heating and consequent decay.



New Golden Plume or Wonderful

NEW GOLDEN PLUME OR WONDERFUL—A cross between Easy Bleacher and Golden Self-Blanching. Of robust habit, full heart of bright yellow color. It has resisted blight the past years. It is the coming market variety. It is listed under two names. 10c. per pkt.; 85c. per oz.; \$3.00 per $\frac{1}{4}$ lb.; \$10.00 per lb.

EMPEROR or FORDHOOK—New Fall and Winter sort. Plant stocky, full light yellow heart; stalks broad, thick and crisp of superior quality. 10c. per pkt.; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.50 per lb.

EARLY PINK PLUME—A strong, healthy, compact grower, with no tendency to rust. Stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into Spring. It possesses a rich, nutty flavor, suffused with dainty pink, which not only delights the eye, but tempts the palate of the epicure: 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

GOLDEN YELLOW SELF-BLANCHING—French Strain—This variety of Celery is of a yellowish green color, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor of this variety makes it only necessary to be tried in order to establish it as the standard of excellence as an early sort. 10c. per pkt.; 85c. per oz.; \$3.00 per $\frac{1}{4}$ lb.; \$10.00 per lb.

GIANT PASCAL—A green sort, very brittle, but crisp and nutty in flavor. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

EARLY WHITE PLUME—This Celery is valued because naturally the stalk and portions of its inner leaves and heart are white. By simply tying up the leaves and drawing up the soil with the hoe the work of blanching is completed. It is ornamental, tender, crisp and of good flavor. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

SCHUMACHER—Very popular among New York market gardeners. They consider it the best Winter variety; keeping quality excellent. Grows to large size with golden-yellow heart. Very solid and crisp. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

GOLDEN HEART—Golden Dwarf—In size and habit of growth it is much the same as the Half-Dwarf kinds except that, when bleached, the heart, which is large and full, is of waxy, golden yellow, rendering it a most striking and showy variety for either market or private use. It is entirely solid, and of most excellent flavor, and one of the best keepers that has ever been known. 5c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

GOLDEN SELF-BLANCHING—"American Grown." A most valuable variety which partakes somewhat of the character of the celebrated White Plume, in as much as it does not require such high banking-up as the ordinary sort to be fit for the table. It simply needs a slight earthing-up or handling. It is a beautiful waxy, golden color, very solid, and of a rich, nutty flavor. 10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$4.75 per lb.



Easy Blanching or Easy Bleacher—Extra Strain

EASY BLANCHING or EASY BLEACHER—EXTRA STRAIN—A tall-growing white variety of excellent quality, of recent introduction. Blanches readily with boards. Grows well both on muck and upland. It is not so susceptible to blight as other self-bleaching sorts and quality much better. It is becoming to be the best market variety to plant for profit. 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

WINTER QUEEN—Late half-dwarf Golden Heart type, of more robust growth. Very good late market sort. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

CELERY SEED—for flavoring. 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

CELERY PLANTS

Ready July 10th

8,000 to 10,000 plants to an acre.

Varieties same as list of seed above. Price 75c. per 100; \$4.50 per 1000; and 5000 or over, \$4.00 per 1000.

CHICORY

One ounce will sow 150 feet of drill.

LARGE ROOTED MAGDEBURG—Used to mix with, or as a substitute for coffee. Cultivation the same as the carrot. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

WITLOOF CHICORY or FRENCH ENDIVE—Sold on most all fruit and vegetable stands during Winter. Drill seed 10 inches apart in June; let plants grow until November. Take up and trim to 1 $\frac{1}{2}$ inches from neck, leaving 8 inches, then plant upright 1 $\frac{1}{2}$ inches apart in trenches 16 inches deep. Fill trench with good soil and manure. In four weeks the Endive will be ready for use and is eaten raw or cooked. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

CHERVIL

One ounce to 150 feet of drill.

CHERVIL CURLED—An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

CHIVES

CHIVES—(German Schnittlauch)—A mild flavor of onion kind; very desirable greens for flavoring meats, soups, cottage cheese, etc. Sold in clumps, 10c. each; \$1.00 per dozen.

COLLARDS OR SPROUTS

COLLARDS or SPROUTS GEORGIA—This is a Tall Loose Leaf Cabbage like plant, grows 2 to 3 ft. high, forming a cluster of tender modulated leaves at the top of its rather long stem used as "Greens" in the South and West. Sow and plant like Cabbage or Kale. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

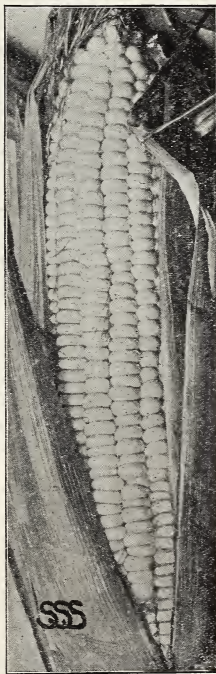
CORN—Sweet

GERMAN MAIS, ITALIAN MAIS, POLISH KUKURYDZA

NOTICE—These prices are subject to change without notice.

One pound will plant 75 to 100 hills, according to the variety, 12 to 15 pounds will plant an acre, 150 lbs. will sow an acre broadcast for soiling, or half that quantity in drills, 8 to 12 pounds will plant an acre of yellow Field Corn in hill, one-third more in drill.

All varieties of Sweet Corn may be either sown in rows three feet, six inches to four feet apart, and the seeds planted at about ten inches in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown or richness of the soil in which it is planted. The taller the variety, or richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive planting for Sweet Sugar varieties every two or three weeks until the last week in July. In more southerly latitudes planting is begun a month earlier and continued a month longer.

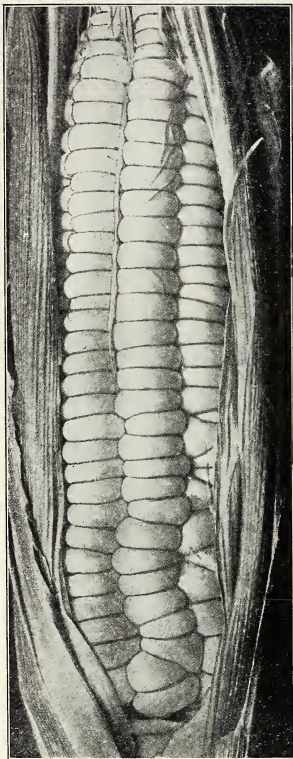


Charlevoix

CHARLEVOIX—New, sweetest yellow table corn grown. About ten days later than Golden Bantam, much larger ear and sweeter. "Try a sample lot" along side of other sweet corn. 25c. per lb.; 23c. per lb., in 10-lb. lots; 20c. per lb., in 100-lb. lots.

WHIPPLES EARLY—5 days earlier than Crosby Stalks. 5 to 6 ft. high, often 2 ears to stalk, 8 inches long. Grain deep on the Evergreen type. Pearly white, very sweet. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb.

EXTRA EARLY GOLDEN SUNSHINE—Earliest of Sweet Corn. Stalks 4 ft. high. Ears 6 to 7 inches long. 12 rowed. Yellow grain and sweet extremely early. 25c. per lb.; 10-lb. lots, 22c. per lb.; 100-lb. lots, 20c. per lb.



Adams Extra Early

ADAMS EXTRA EARLY—Not a sugar corn but largely grown for early use. Stands early planting, almost worm-proof; ears 7 to 8 inches long. Our strain is superior in earliness. 20c. per lb.; 10-lb. lots, 18c. per lb.; 100-lb. lots, 15c. per lb.

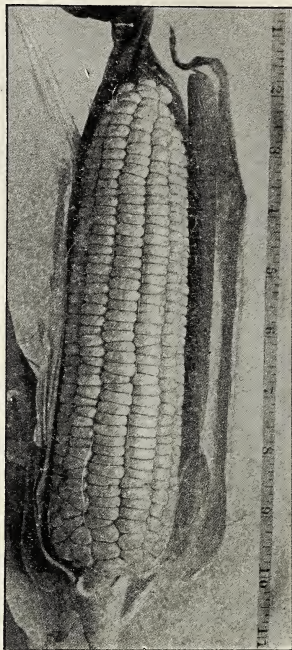
HOWLING MOB—Ears measure from 7 to 9 inches in length. Ripens before Early Evergreen grains are very white and sweet. Carries generally two ears to stalk and will prove a money-maker in the market. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb.

GOLDEN BANTAM—Dwarf good garden sort, of creamy yellow, very early; delicious flavor. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c. per lb.

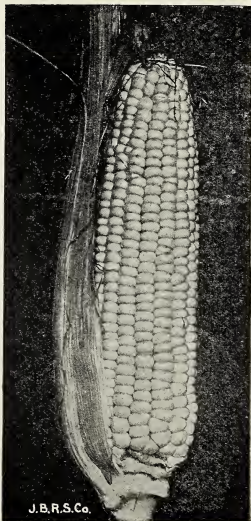
GOLDEN GIANT or GOLDEN ROD—Taller variety than Golden Bantam. Matures early. Ears good length, filled from butt to tip. Kernels regular, heavy yielder, excellent quality. 25c. per lb.; 20c. per lb. in 10-lb. lots.

GOLDEN EVERGREEN—Character similar to Stowell Evergreen, except in color. A golden yellow; very sweet ears; large. 25c. per lb.; 20c. per lb.; in 10-lb. lots.

EARLY BURLINGTON—This is the earliest White Corn grown; ready for use in 60 days. Height of stalks, 3 to 4 feet, can be planted earlier than any Sweet Corn. 20c. per lb.; 10-lb. lots, 15c. per lb.



Howling Mob



Golden Evergreen

J. B. R. S. Co.

EARLY CHAMPION—Ripens later than Crosby with much larger ears. 25c. per lb.; 10-lb. lots, 20c. per lb.

EARLY KENDEL'S GIANT—One of the largest earliest Sweet Corn introduced. An extra market sort. 25c. per lb.; 10-lb. lots, 20c. per lb.

EARLY EVERGREEN—A Second Early, it has all the good qualities of Stowell's Evergreen. It is about eight days earlier, a little shorter in the ear. Quality of the best. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. in 100-lb. lots.



Long Island Beauty

LONG ISLAND BEAUTY—A cross between Evergreen and late Mammoth. Ears are long with 12 and 14 rows of Pearly White Grains, excellent quality. A very good market sort. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. in 100-lb. lot

MAMMOTH SUGAR—A late variety, and one of the larger; productive and fine flavored. 25c. per lb.; 10-lb. lots, 20c. per lb.

BLACK SUGAR MEXICAN—A variety with black grains; one of the sweetest of all kinds. 25c. per lb.; 10-lb. lots, 20c. per lb.

STOWELL'S EVERGREEN—"Eastern Stock; Sweetest Strain Known." A large variety of excellent quality, remaining longer in the green state than any other kind. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. per lb. in 100-lb. lots.

THE COUNTRY GENTLEMAN is, without doubt, the finest of all for private and market use, and greatly resembles the Shoe Peg, except the ears are twice as large, with an average of about nine inches in length, and is very productive, producing from three to four ears to a stalk. Cob is small, giving great depth to the kernels, which are of a pearly whiteness. Its fine quality makes it most desirable for the market gardener. 25c. per lb.; 10-lb. lots, 20c. per lb.; 100-lb. lots, 18c.

POP CORN

POP CORN, WHITE PEARL—25c. per lb.; 10-lb. lots, 20c. per lb.

POP CORN, YELLOW PEARL—25c. per lb.; 10-lb. lots, 20c. per lb.

POP CORN, WHITE RICE—25c. per lb.; 10-lb. lots, 20c. per lb.

CORN—FIELD

Subject to Market Fluctuations

SOUTHERN LARGE WHITE ENSILAGE—For fodder only; a very rapid grower and heavy foliage; one of the best silo corns. 10c. per lb.; 25-lb. lots and over, 7c. per lb.; or \$3.00 per bushel.

EUREKA WHITE ENSILAGE—One of the most popular silo corns. 10c. per lb.; 25-lb. lots, 7c. or \$3.50 per bushel.

BRISTOL EARLY—A good standard, early yellow corn. 8c. per lb.; 25-lb. lots and over, 6c. per lb.; \$3.00 per bushel.

GOLDEN BEAUTY—The ears are of perfect shape, with from ten to sixteen straight rows of bright golden grains of the largest size, which are filled out to the extreme end of the cob; it is easily shelled, and is in every respect seemingly a perfect type; it is a vigorous grower, attaining 10 to 14 feet in height, and each stalk produces from two to three ears; matures as early as most varieties of Golden Dent, and surpasses all in size, appearance and productiveness. 10c. per lb.; 25-lb. lots and over; 7c. per lb.; \$3.50 per bushel.



Golden Dent Gourd Seed

GOLDEN DENT GOURD SEED—This is a very productive and superior variety; very early; requires less strength of ground, and makes a very fine quality of meal. The grains are very deep, with small cobs. It is a vigorous grower, and very popular in sections where the soils are light and sandy. 10c. per lb.; 25-lb. lots and over, 8c. per lb.; \$3.00 per bushel.

IMPROVED LEAMING—The earliest, most productive and handsomest Yellow Dent Corn in cultivation. 10c. per lb.; 25-lb. lots, 7c. per lb.; or \$3.00 per bushel.

LARGE YELLOW FLINT—Productive and of good quality. 10c. per lb.; 5-lb. lots and over, 7c. per lb.; or \$3.00 per bushel.

WOODHULL—One of the best standard sorts; light grain, large ear, medium size stalk, very productive. 10c. per lb.; 25-lb. lots and over, 7c. per lb.; \$3.00 per bushel.

CORN BROOM EVERGREEN—Carefully saved from selected brush. 20c. per lb.; 15-lb. lots and over, 15c. per lb.



CORN SALAD OR FETTICUS

One ounce will sow 125 feet of row.

A vegetable used as a salad, and sold to a considerable extent in our markets. It is sown on the first opening of Spring, in rows one foot apart, and is fit for use in six to eight weeks from time of sowing. If wanted to come in early Spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach.

LARGE LEAVED—10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

CRESS, OR PEPPER GRASS

One ounce will sow 50 feet of row.

A well-known pungent salad. Requires to be sown thickly and covered very lightly at frequent intervals to keep up a succession as it soon runs to seed.

EXTRA CURLED—Very fine; may be cut two or three times. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

WATER CRESS—10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$4.50 per lb.

CUCUMBER

GERMAN GURKEN, ITALIAN CETRIOLO, POLISH OGOREK

One ounce will plant 50 hills, two pounds will plant an acre.

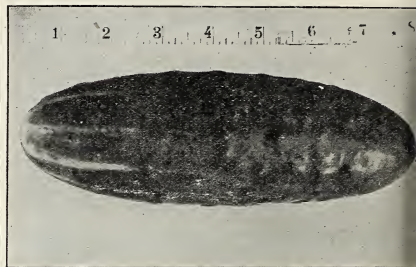
Cucumbers succeed best in warm, moist, rich, loamy ground. They should not be planted in the open air until there is a



Longfellow

prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill. The fruit should be plucked when large enough, whether required for use or not, as if left to ripen on vines, destroys its productiveness.

LONGFELLOW—A new valuable sort. The fruit will average 12 to 14 inches long, 2 $\frac{1}{2}$ inches in diameter. Straight, very dark green, uniform color. Very attractive market fruit; a good grower. A second early. 10c. per pkt.; 35c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.



EARLY FORTUNE

EARLY FORTUNE—The finest type of White Spine yet produced. Early, very productive and disease-resistant fruits 9 to 10 inches long, color, dark green, which does not fade when shipped long distances. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EARLY IMPROVED WHITE SPINE—A favorite market variety of medium size, deep green, flesh crisp and of fine flavor. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY IMPROVED ARLINGTON WHITE SPINE—It is a week earlier than the Early Improved White, wonderfully prolific. It retains a beautiful green color longer than any other sort; size, medium; an excellent slicing sort. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

FORDHOOK FAMOUS—Vines produce enormous crop, being of unusually vigorous growth, with large, thick heavy leaves, which withstand the attacks of insects. Fruit perfectly smooth and very dark green and handsome. Fruits measure 10 to 12 inches long. They are always straight, never turn yellow, and are very solid. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

GREEN PROLIFIC—A good picking sort. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

NEW DAVIS PERFECT—Resembles a hot-house cucumber. Long, straight, dark green in color; almost seedless. Equally good for outdoors and hot-house growing. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EARLY CLUSTER—A much esteemed early sort; growing in clusters, and extremely productive. 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

BOSTON PICKLING—It is largely used about Boston by market gardeners. A very productive kind, of superior quality. 5c. per pkt.; 14c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

LONG GREEN OR JERSEY PICKLE—A fine fruit, of excellent quality, dark green, firm and crisp; very productive. 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

LONG GREEN TURKEY—Late, dark green, excellent fruit, large and productive. 5c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

DANDELION

GERMAN LOWENZAHN, ITALIAN DENTI DI LEONE, POLISH PAPAWA

One ounce will sow 150 foot-row.
IMPROVED THICK LEAVED—A very early and healthful Spring salad. Sow early in the Spring, in drills, eighteen inches apart, and thin out to six inches in the drills. 10c. per pkt.; 85c. per oz.; \$3.00 per $\frac{1}{4}$ lb.; \$11.00 per lb.

DILL HERB

Used extensively for culinary use and for putting with cucumber when pickling, producing the famous Dill Pickles. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

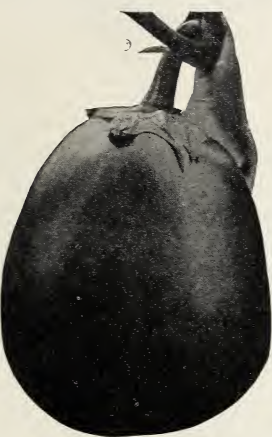
EGG PLANT

GERMAN EIERPFLANZE, ITALIAN PETRONCIANO, POLISH GRUSZKA

One ounce will produce about 1000 plants.

The Egg Plant will thrive well in any good garden soil, but will repay good treatment. The seed should be sown in hot-beds the second week in March, care being taken to protect the young plants from cold at night. Plant out about June 1st, about two and a half feet apart. If no hot-bed is at hand, sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

IMPROVED NEW YORK SPINELESS—In every respect superior to the New York Improved. The habit of the plant is low and branching, and is quite free from spines both on the plant or calyx of the fruit, which are of the largest size and most perfect form. It is earlier than either of the old varieties. Therefore most valuable to the grower of this delicious vegetable. 10c. per pkt.; 45c. per oz.; \$1.35 per $\frac{1}{4}$ lb.; \$4.50 per lb.



Early Black Beauty

EARLY BLACK BEAUTY—Earlier than any other sort. Fruit, jet black, holding its black color during its maturing season. Very productive with uniform size fruit. 10c. per pkt.; 45c. per oz.; \$1.35 per $\frac{1}{4}$ lb.; \$4.50 per lb.

EGG PLANT (Pot Grown)

Ready May 1st

IMPROVED NEW YORK SPINELESS—In pots, 10c. each; \$1.00 per doz.; \$7.00 per 100. Out of seed beds, 35c. per doz.; \$1.75 per 100.

Boxed plants, 10c. each; \$1.00 per doz.
Special prices on application, in quantities.

ENDIVE

GERMAN ENDIVIEN, ITALIAN ENDIVA, POLISH ENDYWA

One ounce will sow a 100-foot row.

Endive is one of the best salads for Fall and Winter use. Sow for an early supply about the middle of April. As it is used mostly in the Fall months, the main sowings are made in June and July, from which plantations are formed one foot apart in each way, in August and September. It requires no special soil or manure, and after planting is kept clear of weeds until the plant has obtained its full size, when the process of blanching begins. This is effected by gathering up the leaves and tying them by their tips in a conical form with bass matting. This excludes the light and air from the inner leaves, which in the course of from three to six weeks, according to the temperature at the time, become blanch. Another and simpler method consists in covering up the plants as they grow with slate or boards, which serves the same purpose—by excluding the light—as the tying-up.



Moss Curled

GREEN CURLED—Very hardy, leaves dark green; tender and crisp. 10c. per pkt.; 15c. per oz.; 59c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

FRENCH MOSS CURLED—From the density of its foliage, this variety is heavier than the Green Curled, equally agreeable as a salad and either green or blanched is particularly handsome. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

BATAVIAN BROAD LEAVED or **ESCAROLLE**—Leaves broad, light green, nearly plain, used in stews and soups. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

WHITE CURLED—Leaves pale green, grows to a large size; always crisp and very tender. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

ESCAROLLE—Broad, thick ribs with slightly wrinkled leaves. 5c. per pkt.; 10c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

FENNEL HERB

Annual, height, 2 feet; fine feathery foliage. 5c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

GARLIC

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil. The sets should be planted in early Spring, in rows one foot apart, and from one to five inches between the plants in the rows. The crop matures in August, when it is harvested like the onion.

GARLIC SETS—25c. per lb.

HERBS

SWEET POT AND MEDICINAL HERBS

No garden is complete without a few Herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come in full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in the Spring, in shallow drills, one foot apart, and when well up thin out or transplant to a proper distance apart.

ANISE (Pimpinella Anisum)—Biennial. 10c. per pkt.; 15c. per oz.; \$1.50 per lb.

BASIL SWEET (Ocimum Basilicum)—Annual. 6 ft. 10c. per pkt.; 25c. per oz.; \$2.00 per lb.

BORAGE (Borago Officinalis)—Excellent for bees, Annual, 3 ft. 10c. per pkt.; 20c. per oz.; \$1.25 per lb.

CARAWAY (Carum Caral)—Perennial, 2 ft. 10c. per pkt.; 15c. per oz.; \$1.00 per lb.

CASTOR OIL PLANT (Ricinus Communis)—Annual, 6 ft. 10c. per pkt.; 20c. per oz.; \$1.50 per lb.

CORIANDER (Coriandrum Satium)—Annual, 2 ft. 10c. per pkt.; 15c. per oz.; \$1.00 per lb.

DILL (Anethum Graveolens)—Biennial, 3 ft. 5c. per pkt.; 15c. per oz.; 75c. per lb.

FENNEL (Anethum Goeniculum)—Perennial, 6 ft. 5c. per pkt.; 15c. per oz.; \$1.50 per lb.

HOPS SEED (Humulus Impulus)—10c. per pkt.; 35c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.

HOREHOUND (Maribium Vulgare)—Perennial, 2 ft. 10c. per pkt.; 40c. per oz.; \$3.30 per lb.

LAVENDER (*Lavendula Spica*)—Perennial, 2 ft. 10c. per pkt.; 35c. per oz.; \$3.00 per lb.

MARJORAM, SWEET (*Origanum Marjorana*)—Annual, 1 ft. 10c. per pkt.; 35c. per oz.; \$3.00 per lb.

ROSEMARY (*Rosemarinus Officinalis*)—An aromatic herb. 10c. per pkt.

RUE (*Ruta Graveolens*)—Perennial, 3 ft. 10c. per pkt.; 35c. per oz.

SAFFRON—10c. per pkt.; 35c. per oz.

SAGE (*Salvia Officinalis*)—Annual, 1 ft. 10c. per pkt.; 35c. per oz.; \$3.00 per lb.

SUMMER SAVORY (*Satureia Hortensia*)—Annual, 1 ft. 10c. per pkt.; 25c. per oz.; \$2.50 per lb.

THYME, BROAD-LEAVED (*Thymus Vulgaris*)—Perennial, 1 ft. 10c. per pkt.; 45c. per oz.; \$5.50 per lb.

WORMWOOD (*Artemisia Absinthium*)—Perennial. 10c. per pkt.; 35c. per oz.; \$3.00 per lb.

KALE OR BORECOLE

GERMAN BLATTERKOHL, ITALIAN CAVOLA VERDE, POLISH SOLANKA

One ounce will produce about 2000 plants.

Kale or borecole may be grown in almost any soil but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

GREEN CURLED SCOTCH—A rather dwarf variety, growing about eighteen inches in height, but spreading under good cultivation to three feet in diameter. Leaves of a bright green beautifully curved. 10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.



Green Curled Scotch

DWARF GERMAN GREEN—10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.



German Green Curled Kale

SIBERIAN CURLED—This variety grows a little larger and coarser than the preceding. The leaves are not so deeply curled, and are of a bluish-green color. Very hardy. 10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

SPROUTS—See Collards

SEA KALE—See page 30.

KOHL-RABI

GERMAN KNOLLKOHL, ITALIAN CAROLO RAPA, POLISH KALAREPA

One ounce will produce about 2000 plants.

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seed in rows in April to July, according to the latitude. In this district we

sow through May for succession, in rows eighteen inches apart, thinning out to eight inches between the plants. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from the seed and thin out where it stands, although when the weather is favorable, the thinning may be planted at the distance above named.



White Vienna

EARLY WHITE VIENNA—Flesh white and tender. The best market sort. Excellent for table use. 10c. per pkt.; 20c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

EARLY PURPLE VIENNA—Different from the above in color, which is of a bluish-purple. 10c. per pkt.; 20c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

LEEK

GERMAN LAUCH, ITALIAN PORRO, POLISH PORY

One ounce will sow a drill of about 100 feet.

The Leek is very hardy and easily cultivated. It succeeds best in light, but well enriched soil. Sow as early in Spring as practicable in drills one inch deep and one foot apart. When six to eight inches high, they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck being covered, may be blanched. If fine Leeks are desired, the ground can hardly be made too rich.

LARGE AMERICAN FLAG—A favorite market variety. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

GIANT MUSSELBURG—A hardy sort. Leaves fan-shape, dark green. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.



American Flag

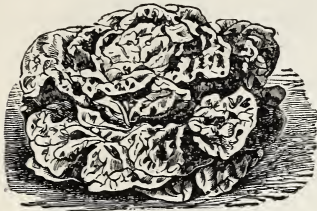
LETTUCE

GERMAN SALAD, ITALIAN LETTUGA, POLISH SALATA

One ounce will sow about 100-foot row.

The cultivation of Lettuce is universal by all who have gardens, and from its tractable nature and freedom from nearly all insects and disease, it is manageable in the hands of everyone. For main early crop, seed may be sown in the open ground, middle of September, and transplanted to cold-frames as soon as large enough to handle, being wintered over in the same manner as early Cabbage, in dry, well sheltered spots, by covering up with leaves or litter, late in the season. Lettuce plants may be saved over Winter, without glass covering, in southern parts of the country without difficulty. The plants for setting out in the Spring are also sown in cold-frames in

February and in hot-beds in March, and by carefully covering up at nights, makes plants to set out in April; but these are never so good as those wintered over. For successive crops, sowings may be made in the open ground as early as Spring opens, until July.



Wayahead

WAYAHEAD—Quality very fine, heads firm, excellent for both cold frames and open ground. It is the surest header of all lettuce. It will stand longer than any other lettuce before going to seed. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.



Big Boston

MAY KING—An early hardy lettuce. One of the best varieties to plant in Fall for under-glass or early Spring forcing. Heads large and solid; of light green color; close outer leaves; one of the best market sorts. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

BIG BOSTON—This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but it is double the size. It is about a week later in maturing, but its solidity and greater size of head will make it a most desirable sort, a most desirable variety either for forcing or open-ground planting. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

EARLY CURLED SILESIA—This variety, properly speaking, does not head, but forms a compact, close mass of leaves. The earliest and leading market sort. 5c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.



Simpson, Black Seeded Curled



May King

SIMPSON, BLACK SEEDED CURLED—Large, loose curly head, light color, good early sort. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

BOSTON MARKET (True)—A superb variety. Grows very compact and is beautifully white and crisp. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

GRAND RAPIDS CURLED—A famous shipping lettuce. Loose, curly-headed, foreign sort. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

LARGE NEW YORK or LOS ANGELES WONDERFUL—It is of unusual size and solidity of head, mostly as solid as an early Summer Cabbage, which in general form it somewhat resembles. The variety blanches itself naturally, is crisp, tender and of excellent flavor, and always free from bitterness. It is not a forcing variety, but is one of the best for Summer use ever introduced. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

ROMAINE or PARIS WHITE COS—Forms long, upright heads of narrow leaves, which are crisp and refreshing; withstands the summer heat. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

ICEBERG—A large hard-heading curled variety, very crisp. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

SALAMANDER—The Salamander is the best variety for Summer use, forming good-sized, compact heads. Color, light green outside, and white on the inside. Its great merit, however, is that it will withstand drought and heat, and remain longer in head than any other variety. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

MANGEL-WURZEL OR CATTLE BEETS

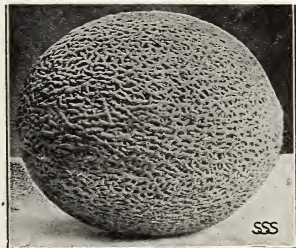
See Under Head of Beets

MUSKMELON

GERMAN ZUCKER MELONE, ITALIAN POPONE, POLISH MELON

One ounce will plant about 75 hills, two pounds will plant an acre.

Melons thrive best in moderately enriched light soil. The hills should be six feet apart each way. Previous to planting, incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. Plant to fifteen seeds in each hill early in May, and when well up, thin out to three or four of the most promising. Pinch off the leading shoots as the growth becomes to luxuriant, and if the fruit sets out numerously, thin out when young, which will increase the size of those remaining and cause them to ripen quicker.



Extra Early Knight or Sugar Sweet



Heart of Gold or Hoodoo



Fordhook

HEART OF GOLD or HOODOO—Midseason, flesh thick, deep salmon color, of high quality, fruit medium sizes, round. Tendency to heart shape, gray netted well ribbed. 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

EXTRA EARLY KNIGHT or SUGAR SWEET—An extremely early medium size melon of the Rockyford type, very sweet. Color, medium green, closely netted. It is the earliest high quality melon grown in the northern states. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

FORDHOOD—Orange flesh roughly netted, the flesh very thick, resembled Jenny Lind in shape. Very strong, vigorous grower, branching frequently setting five to nine melons close to hill. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.



Hackensack or Turk's Cap

ROCKY FORD—Nutmeg shape, small to medium in size, pale green, finely netted, flesh green, quality very fine. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

PAUL ROSE or OSAGE—This salmon-fleshed Musk Melon surpasses anything yet introduced. The color is of a beautiful netted gray underlaid by dark green rind; the flavor



Paul Rose or Osate

is delicious; flesh, salmon, very thick and extraordinarily sweet, size of the Netted Gem. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

JENNY LIND—True. The earliest of the Musk Melon. Of small size, by the sweetest in flavor. 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

GOLDEN JENNY—Small, but highly prized by the most experienced growers of Melons. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

EXTRA EARLY HACKENSACK—A week to ten days earlier than the old Hackensack. Small foliage. Profitable

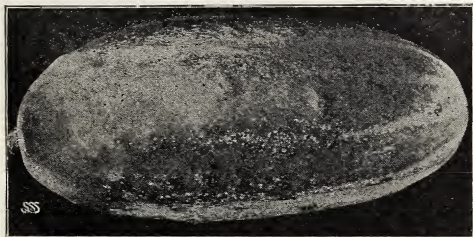
for market. Most in demand in New York and eastern markets 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

HACKENSACK or TURK'S CAP—The most popular variety of Musk Melon grown by New York market gardeners. It attains a large size, is round in shape, flattened at the ends, is of a most delicious flavor, and wonderfully productive. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

CITRON :Preserve;—A round, handsome fruit of small size, used in making sweet-meats and preserves. 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

WATERMELON

GERMAN WASSER-MELONE, ITALIAN MELONE D'AQUA, POLISH MELON WODNY



Long Light Icing or Gray Monarch

Cultivate exactly as for Musk Melon, except that the hills should be just double the distance apart, namely, eight and ten feet.



Halbert Honey

HALBERT HONEY—Shape oblong; dark green rind; flesh, crimson and very sweet. Medium early, similar to Kheckley Sweet, seed white. 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

KHECKLEY SWEET—Most popular Melon for home market. Medium size, oblong; dark green color; flesh, bright scarlet; solid heart; crisp, sugary, and entirely free from stringiness. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

TOM WATSON—Large oblong melon, dark green skin, with thick netting; rind thin, tough; flesh, bright red; very sweet. 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

DIXIE—Large, dark rind Melon, oblong; quality good, an excellent market sort. 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

LONG LIGHT ICING or GRAY MONARCH—A very large, long, light rind Melon; flesh, crimson. 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

CUBAN QUEEN—A Melon of mammoth size, reaching over 60 lbs. in weight. The quality is equal to the best of any of the sorts. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

MOUNTAIN SWEET—Fruit oblong, dark green; rind thin; flesh red, solid and very sweet. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

ICING, DARK GREEN RIND—Shape, size and flavor same as Light Icing, but dark skin. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

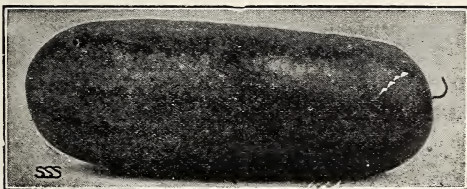
COLE'S EARLY—Very hardy; sure cropper. Flesh dark red, delicate and extremely sweet; medium size nearly round; rind green, striped with light shades. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

ICING, LIGHT GREEN RING—One of the sweetest of all Melons. Always of good flavor, rind very thin; unexcelled in all good qualities. Round in shape. 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

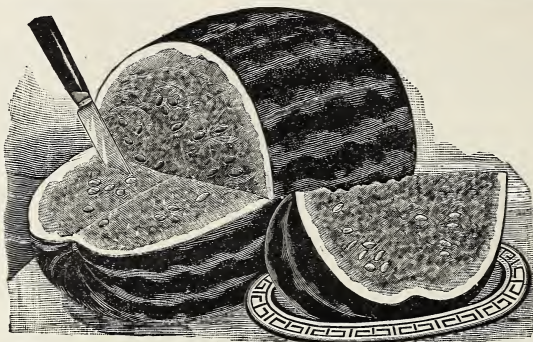
KOLB'S GEM—A new, chunky, dark-seeded Melon. Quality good. Very showy and an excellent shipper. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

SWEET HEART—One of the best market Melons—Flesh bright red, solid and very tender, melting and sweet. The Melons retain their good quality for a long time after ripening. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

ICE CREAM—White seeded true. Fruit of medium size, nearly round, skin pale green, rind very thin; flesh scarlet, solid, crisp and delicious. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.



Tom Watson



Sweet Heart

MUSHROOM SPAWN

GERMAN SCHWAMM, ITALIAN FLINGO PRALAJO
POLISH GRYZB

Ten pounds will spawn ten square feet.

Mushrooms may be cultivated much easier than is generally supposed. They can be grown in a cellar or shed or in beds prepared in the open air same as hot-beds. Take fresh horse manure, shake it well apart and lay it in a heap to ferment, turn and mix it well every three or four days by shaking the outside of the heap, which is cold, and the inside, which is hot, together, so that every part of it may be equally fermented and deprived of its noxious qualities. When the dung is in a fit state to be made into a bed, which will be from two to three weeks after it has been put together to ferment, select a dry spot for a foundation, mark out the bed, which should be four



American Spawn

feet wide and as long as you may choose to make it. In forming the bed mix the dung well together, beating it down with a fork until from 18 to 24 inches thick. In this State it may remain until the temperature is sufficiently moderate for spawning, which may be ascertained by trial sticks thrust in different parts of the bed.

Divide the large cakes of Spawn into small lumps, plant them two inches below the surface and six inches apart, covering with two inches of fine, light soil, and press down evenly. When finished, cover the bed three inches thick with clean straw and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season.

Special pamphlet furnished on application.

AMERICAN SPAWN—Pure culture. 35c. per lb. Brick form.

MUSTARD

One ounce will sow a 100-foot row.

A pungent salad, used sometimes with cress. Sow thickly in rows and cut when about two inches high. For use during Winter it may be sown at intervals in boxes in the greenhouse

or in a frame. For a crop of seed sow in April, in drills a foot apart, and thin out moderately when about three inches high.

OSTRICH PLUME—Leaves double curled, dark green which curve outward like a fine Ostrich Plume. 5c. per pkt. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

WHITE LONDON—Best for salad. 5c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

BROWN OR BLACK—More pungent in flavor than the white. 5c. per oz.; 15c. per $\frac{1}{4}$ lb.; 50c. per lb.

NASTURTIUM OR INDIAN CRESSE

One ounce will sow 25-foot row.

The seeds, while young and succulent, are pickled and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden.

TALL NASTURTIUM—Choice colors. 10c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

DWARF NASTURTIUM—Choice colors. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

OKRA OR GUMBO

GERMAN OCHER, ITALIAN OCRA, POLISH GUMBA

One ounce will plant 50 hills or 75-foot drill.

This vegetable is extensively grown in the Southern States, its long pods when young, are used in soups, stews, etc., and are believed to be very nutritious. It is of easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. It is sown at the usual time of all tender vegetables, in drills two inches deep, setting the plants from two to three feet apart.

IMPROVED DWARF GARDEN—Early and productive. 10c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.



Long Green

LONG GREEN—Long ribbed pods. 10c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

ONION

GERMAN ZWIEBEL, ITALIAN CIPOLLO, POLISH CEBULA

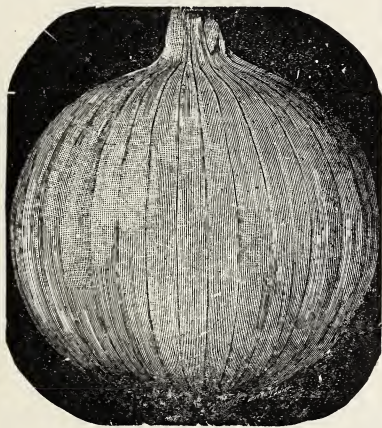
One ounce will plant 50 hills of 75-foot drill. Five pounds will sow an acre for growing Large Onions. 50 to 60 pounds per acre for growing sets.

The Onion thrives best in a rather strong, deep, rich loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous Autumn, and laid up in ridges during Winter to soften. As early in Spring as the ground is in working order, commence operations by leveling the ground with a rake and read it firmly; sow thinly in drills about a quarter of an inch deep and one foot apart cover with fine soil and press down with the back of a spade or a light roller.

When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs.

ALSA CRAIG—The largest of all straw-yellow onions. It is globe shaped, slightly pointed at top and base. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

EXTRA EARLY RED—The earliest Red Onion, fine keepers. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

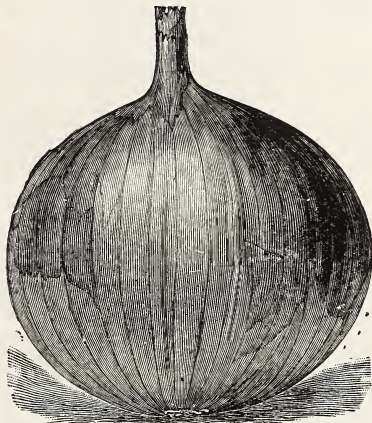


Southport Red Globe

EARLY PRIZETAKER—This Onion grows uniform in shape of a nearly perfect globe, with thin skin, of a clean, bright straw color. It is of immense size, measuring from twelve to sixteen inches in circumference while under special cultivation specimens have been raised to weigh from four to six pounds. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.25 per lb.



Early Prizetaker



Southport Yellow Globe

SOUTHPORT WHITE GLOBE—A handsome globular Onion of mild flavor and a good keeper; one of the very best 10c. per pkt.; 35c. per oz.; 85c. per ¼ lb.; \$2.75 per lb.

OHIO YELLOW GLOBE—Rich orange in color; large, globe shape; flat bottom. Large yielder; also good keeper. One of the best market sort. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.00 per lb.

SOUTHPORT RED GLOBE—Differs from the Southport Yellow Globe only in color. 10c. per pkt.; 35c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

JAPANESE or EBENEZER—Yellow Onion that will keep all winter. Of mild, pleasant flavor, of large size, a good early set onion. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

YELLOW GLOBE DANVERS—An excellent variety, fine flavored and very productive. Ripens early and is a good keeper. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.00 per lb.

WHITE PORTUGAL or SILVER SKIN—A handsome Onion, of mild flavor, and a good keeper. Extensively grown for pickling. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; \$2.50 per lb.

WEATHERSFIELD LARGE RED—The staple variety of the Eastern Onion growers. Of large size, deep in color, and excellent keeper. 10c. per pkt.; 25c. per oz.; 65c. per ¼ lb.; \$1.75 per lb.

SOUTHPORT YELLOW GLOBE—A favorite Yellow Globe variety in the market of New York and Boston. Solid and a good keeper. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

YELLOW DUTCH or STRASBURG—One of the oldest varieties. The "Silver Skin" of the Eastern States. A good keeper and well flavored. 10c. per pkt.; 25c. per oz.; 60c. per $\frac{1}{4}$ lb.; \$1.75 per lb.

ONION SETS, EXTRA FINE

Thirty-two pounds standard weight to a bushel of onion sets.



Subject to Market Fluctuation

Yellow—20c. per lb.; 16c. per lb., in 32-lb. lots.

Red—25c. per lb.; 20c. per lb., in 32-lb. lots.

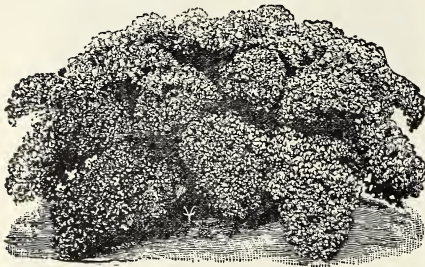
White—25c. per lb.; 20c. per lb., in 32-lb. lots.

PARSLEY

GERMAN PETERSILIE, ITALIAN PREZZEMOLO, POLISH PIETRUSKA

One ounce will sow 125-foot row.

Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, there are four weeks elapsing sometimes before it makes its appearance; it should be sown early in Spring, previously soaking the seeds a few hours in tepid water. Sow thickly in rows a foot apart and a half-inch deep. For Winter's use protect in a frame or light cellar.



Champion Moss Curled

CHAMPION MOSS CURLED—A very select stock beautifully crimped and curled. 5c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.



Double Curled

HAMBURG, or TURNIP ROOTED—The edible roots resemble a small parsnip and it is esteemed for flavoring soups, stews, etc. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

DOUBLE CURLED—A fine dwarf variety, beautifully curled. Excellent for garnishing. 5c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

PLAIN PARSLEY—The leaves of this sort are plain; it is harder than the curled variety; good for flavoring. 5c. per pkt.; 15c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

PARSNIPS

GERMAN PASTINAKE, ITALIAN PASHTINGA, POLISH PASTERNAK

One ounce will sow 100-foot drill. Five pounds will sow an acre.

Sow as early in the Spring as the weather will admit, in drills fifteen inches apart, covering half an inch deep. When well up, thin out in five or six inches apart in the rows. Unlike Carrots they are improved by frosts and it is usual to take up in the Fall a certain quantity for Winter use, leaving the rest in the ground until Spring, to be dug up as required.



Long Smooth or Hollow Crown

LONG SMOOTH or HOLLOW CROWN—Best for general use. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

THE STUDENT—A fine flavored variety. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

GUERNSEY—Half-long; becoming very popular. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

PEAS

GERMAN ERBSEN, ITALIAN PISELLO, POLISH BROCH

60 pounds to the bushel for Round Smooth Sorts, 56 lbs. for the wrinkled sorts.

One pound will plant about 50-foot row, 60 to 80 pounds will plant an acre.

Peas come earliest to maturity in light, rich soil. For general crops a deep rich loam or a strong inclination to clay is best. For early crops, decomposed leaves or leafmold should be used; or, if the soil is very poor, stronger manure may be employed. For general crops, a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. When grown as a market crop, Peas are never staked, and are sown in single rows, two or three inches deep and from three to four feet apart, according to the variety or the strength of the soil. When grown in small quantities, for private use, they are generally sown in double rows, six or eight inches apart, and the tall varieties are staked up by brush. For an early crop, sow in March, as soon as the ground can be worked, and made repeated sowings every two weeks for succession. After the first of June, sowing should be discontinued until the middle of August, when a good crop can sometimes be secured by sowing an early sort.

PILOT—A large nearly smooth pea. Can be sown along with Alaska and early Peas. Will produce a pod as big as Gradus, and from three days to a week earlier. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.20; 100 lbs., \$19.00.

EARLY ALASKA—A green seeded extra early Pea. Very desirable. Green, smooth Pea. 10c. per $\frac{1}{4}$ lb.; 25c. pr lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Pilot

LAXTON'S PROGRESS—New, of extra quality. Season same as Laxtonia. Vines 20 inches high, pods 4 inches long, dark green, containing 8 large delicious sweet peas. Superior to all other second early Peas for market gardener or private use as well. Try a few of this new introduction. 10c. $\frac{1}{4}$ lb.; 25c. per lb.; 22c. in 10-lb. lots; 20c. in 100-lb. lots.

LAXTONIA—Vines 18 to 20 inches high, produces an enormous crop of delicious peas just a little later than "Gradus."

Vines are vigorous and can withstand adverse weather conditions easier than other large varieties. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., lots 20c. per lb.; 100 lbs., 18c. per lb.

EARLY THOMAS LAXTON—This fine early Pea was raised by crossing "Gradus" (Prosperity) with a very early seeding of the "Earliest of All" type. It is a wrinkled marrow with a good constitution. In earliness it is within a day or two of "Earliest of All," but pods contain on the average of 7 to 8 very large peas of the richest flavor. The height is from 3 to 3 $\frac{1}{2}$ feet. As a first early we consider this is the Finest Early Pea ever introduced. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., lots 20c. per lb.; 100 lbs., lots 18c. per lb.

EARLY PREMIUM GEM—Early, hardy, prolific, uniform in habit of growth, pods borne singly on both sides of the stalk beginning near the ground; peas of the finest flavor; about a week later than Nott's Excelsior. Seed green, wrinkled and sweet; height, 16 inches. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., lots 20c. per lb.; 100 lbs., lots 18c. per lb.

SECOND EARLY JUNO—A medium early green wrinkled Pea and one of the best of recent introduction; large, curved, showy pods; an immense cropper; Peas of fine quality; 2 to 2 $\frac{1}{2}$ feet. 10c. per $\frac{1}{4}$ lb. 25c. per lb.; 10c. lbs., \$2.00; 100 lbs., \$18.00.

LITTLE MARVEL—A new dwarf first early Pea. Good market garden variety, vine averages 15 inches in height, pods 3 $\frac{1}{2}$ inches in length, frequently borne in a pair, and contain from 6 to 7 large dark green peas which remain in good eatable shape for a week later than most other varieties. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

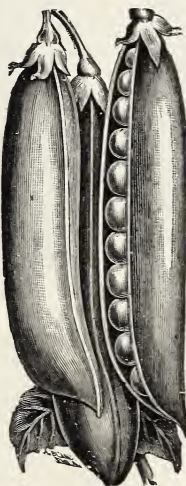
BLUE BANTAM—Extra early dwarf wrinkle Pea. Averages 15 inches high, bears enormous crops, pods deep bluish green, pods 4 $\frac{1}{2}$ inches long, bear 8 to 10 peas. Pods twice the size of American Wonder and ready to pick at same time. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

EARLY NOTT'S EXCELSIOR—Extra early dwarf wrinkle Pea. Ready for table in 40 to 50 days from planting. It grows 16 inches high, about half as tall again as American Wonder. Its even, regular habit is a great advantage to the market gardeners. This variety has come to stay, owing to its superior advantages over all other sorts. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

EARLY GRADUS OR PROSPERITY—A first early Wrinkle Pea, very hardy, vigorous grower, 2 $\frac{1}{2}$ feet high; pods very large and well filled; six to eight large Sweet Peas in a pod. The great value of Gradus is in its earliness. It is in the market four days after the first early. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

EARLY FIRST OF ALL—A very early and productive variety, resembling the Philadelphia Extra Early; white, smooth Pea. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$1.80; 100 lbs., \$17.00.

EARLY AMERICAN WONDER—It is one of the early wrinkled Pea; of the finest quality and wonderfully productive; its great distinctive feature, however, is its compact and dwarf growth, seldom exceeding 12 inches in height. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.



Sutton's Excelsior

SUTTON'S EXCELSIOR—Resembles Nott's Excelsior, but has longer and broader pods of a light green color, 15 inches tall, very fine for market gardeners. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

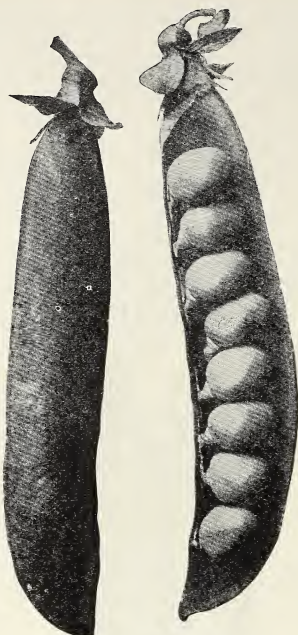
SECOND EARLY SHARP'S QUEEN—This variety is one of the few really fine Peas that resist the long droughts which we sometimes experience. The Peas are large, oval, deep green, wrinkled, and of a delicious flavor when cooked. It is green, wrinkled, main crop variety, growing to about 2 to 2 $\frac{1}{2}$ feet in height, and stands well under the scorching rays of the sun. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

SECOND EARLY McLEAN'S LITTLE GEM—A dwarf, green, wrinkled marrow; very prolific; of a superior flavor; and a second early; 1 foot. 10c. per $\frac{1}{4}$ lb.; 25c. per lb.; 10 lbs., \$2.00.

SUTTON'S PERFECTION—Immensely productive main crop pea. Vine, 2 $\frac{1}{2}$ feet high; sturdy deep green in color; pods, 4 $\frac{1}{2}$ inches long; broad and pointed containing 8 to 9 very large sweet and bright Green Peas; good market sort. 25c. per lb.; 10 lbs., \$2.00; \$18.00 per 100 lbs.

POTLATCH—A splendid large podded variety of the Stratagen type; height, 2 feet. Large pods, broad and well filled with 8 to 10 Sweet Peas of light green color. 25c. per lb.; 10 lbs., \$2.20; \$18.00 per 100 lbs.

For General Late Crop



Laxton's Progress "New"

ADMIRAL DEWEY—This variety is without doubt the largest podded Pea we know of. Beautifully shaped, dark green pods, and peas of high-class flavor; green wrinkled; a good grower and bearer; height, 3½ feet. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

LONG ISLAND MAMMOTH or TELEGRAPH—Becoming a favorite with Long Island and New Jersey truckers; excellent cropper; pods large, well filled; green wrinkled; peas green, wrinkled; vines, 3 feet. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

DUKE OF ALBANY—Late, remarkably hardy in growth, producing pods of large size, well filled with large peas of good quality, green, wrinkled. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

ALDERMAN—A large main crop Pea, tall, producing long, straight, dark green pods 5 to 6 inches long, well filled and of excellent flavor. Vines nearly 5 feet high, exceedingly productive. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

STRATAGEM IMPROVED "FERRY STRAIN"—Pea green, wrinkled; 2 feet; vigorous branching habit, under favorable conditions an enormous cropper; pods long; well filled from fruit to eleven Peas of the largest size, of extra fine flavor. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.20; 100 lbs., \$20.00.

TALL TELEPHONE—A very fine late wrinkle pea. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

PRINCE EDWARD—This variety will produce pods attaining the extraordinary length of 7 inches and upward, closely packed with eleven to thirteen large dark green peas of fine flavor. Plant of branching habit growing 6 feet in height, dark green foliage, will withstand drought and mildew. Pods produced in great profusion, mostly in pairs. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

CARTER'S DAISY or DWARF TELEPHONE—Possesses the quality of Carter's Telephone, except it grows half less in height. This makes it an exceptional valuable market sort; green, wrinkled. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.20; 100 lbs., \$20.00.

CHAMPION OF ENGLAND—One of the best and most popular Peas in cultivation; green, wrinkled; 4 feet. 10c. per ¼ lb.; 25c. per lb.; 10 lbs., \$2.00; 100 lbs., \$18.00.

FIELD VARIETIES

60 Pounds to a Bushel

COW PEAS

Write for special prices on large quantities. Prices subject to market fluctuation.

VARIOUS KINDS—COW PEAS MIXED—For enriching the soil and for hay. 6c. per lb.

BLACK STANDARD VARIETY—Runner, 7c. per lb.

GRAY WHIPPOORWILL—Upright growth. 6c. per lb.

MAMMOTH YELLOW SOJO—5c. per lb.

WILSON'S BLACK SOJO—New and extra variety. 5c. per lb.

CANADA FIELD PEAS—Sow with oats. Very valuable for green feeding and for hay as well. 7c. per lb.

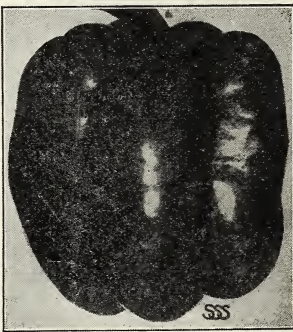
PEPPER

GERMAN PFEFFER, ITALIAN PERERONE, POLISH PIERPRZ

One ounce will produce 1200 plants.

Grown largely for pickling. Sow in hot-bed early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows, 18 inches apart; between rows, 3 feet.

CALIFORNIA WONDER, NEW—Large size, thick flesh, crimson color. 4½x5 inches in size, mild and sweet. 15c. per pkt.; 60c. per oz.; \$2.25 per ¼ lb.; \$8.00 per lb.



Worldbeater

WORLDBEATER—New. One of the very best of the large peppers. Fruit 4 lobed, 5 inches long by 3½ inches in diameter; flesh very thick and mild, exceedingly productive and a good shipper. 10c. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.; \$4.50 per lb.

LARGE SQUASH—Hot Pepper, medium size, flat tomato shaped. 10c. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.

HARRIS EARLY GIANT—The earliest large pepper known. Plants dwarfy and compact. Fruit abundant, mild and sweet. 10c. per pkt.; 40c. per oz.; \$1.25 per ¼ lb.

PIMIENTO—Sweet variety, uniformly shaped. Green fruit, changing to red when ripe. 10c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

NEAPOLITAN SWEET ITALIAN—Something extra fine. Large fruit, red color; sweet. Ripens earlier than Ruby King. Good cropper. 10c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

CHINESE GIANT—The largest Pepper known. Its mammoth size, splendid shape, beautiful rich glossy flesh, mild flavor and enormous productiveness commend it as one of the best market varieties ever introduced. 15c. per pkt.; 50c. per oz.; \$2.00 per ¼ lb.; \$7.00 per lb.

RUBY KING—An exceedingly large and handsome Pepper; the fruits are of a bright ruby red. From 4½ to 6 inches long by 3¼ to 4 inches in diameter, which makes it one of the largest of Peppers. The flavor is remarkably mild, and it can be sliced and eaten with pepper and vinegar like tomatoes and cucumbers, or it can be used as a salad. 10c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

LARGE or BULL NOSE—An early variety, of sharp flavor, rind thick and fleshy; color, brilliant red; shape, oblong. 10c. per pkt.; 35c. per oz.; \$1.00 per ¼ lb.; \$3.50 per lb.

SWEET MOUNTAIN or MAMMOTH—Similar to the preceding in shape and color, but larger and milder in flavor. 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

LONG RED CAYENNE—Fruit brilliant coral red; conical; from 3 to 4 inches in length; very productive. 10c. per pkt.; 40c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.



Ruby Giant

RUBY GIANT—A variety which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant; grows to large size and is very mild. 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

PEPPER PLANTS

READY MAY FIRST

Prices subject to fluctuation.

RUBY KING, MOUNTAIN SWEET, PIMIENTO AND CAYENNE—Out of seed-bed, 10c. per doz.; 75c. per 100. Transplanted plants, 25c. per doz.; \$1.50 per 100.

POTATO

8 to 12 bushels will plant an acre, according to the kind of machine used, also distances planted.

The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to a disease, and the flavor is much inferior. In breaking up good pasture land, the decaying sods answer sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the ground, and plowed in—the latter, in most cases, being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry, or absorbent nature. Plant as early in Spring



White Bliss

as the ground can be had in fair working order, in hills or ridges about 3 feet apart, covering in light, warm soil, about 4 inches deep, but in cold, wet situations, 2 or 3 inches will be sufficient.

Prices subject to Variation.

60 Pounds to a Bushel.

Special prices given on large quantities.

We handle Maine-Grown Seed Potatoes only. Seed stock grown in Maine is far superior to that grown in any other State.

WHITE BLISS—An excellent quality potato. Shape and character that of Irish Cobbler. Large in vine; also size of potato and yield; very early. \$1.00 per peck; \$3.50 per bushel; \$6.50 per sack of 150 pounds.

GOLD COIN—An excellent quality potato; heavy cropper and a good keeper. 75c. per peck; \$2.50 per bushel; \$4.75 per 150 pound sack.

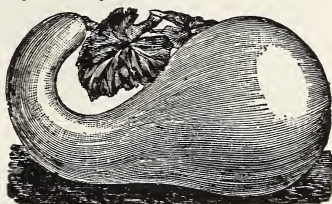
IRISH COBBLER—Early, round, chunky, 85-day sort. Quality of the finest; popular for home market. 75c. per peck; \$2.50 per bushel; \$4.75 per sack of 150 pounds.

GREEN MOUNTAIN—Shape, oval; white skin, big cropper and splendid cooker. 75c. per peck; \$2.50 per bushel; \$4.75 per 150 pound sack.

PUMPKIN

GERMAN KURBISS, ITALIAN ZUCCA, POLISH BANIA

One pound will plant 250 hills.



Cushman Crookneck

Pumpkins are now principally cultivated for agricultural purposes. They are usually planted in fields of corn or potatoes, but may be profitably raised in fields by themselves. Sow first in May, in hills 8 feet apart.



Large Cheese

LARGE CHEESE—The best variety for cooking or pie purposes. 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

CONNECTICUT FIELD—Very productive; largely grown for feeding stock. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 60c. per lb.

KING OF THE MAMMOTH—Grows to immense size, often weighing over one hundred pounds. 10c. per pkt.; 25c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

WINTER LUXURY—It grows uniformly to a diameter of 10 to 12 inches, and is enormously productive. It is a beautiful golden yellow, finely and closely netted, like a netted Musk Melon. As a winter keeper and cooking variety it stands unexcelled and is one of the very best for either home use or market. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

CUSHAW CROOKNECK—A good all-around pumpkin. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

SWEET POTATO TENNESSEE—Buff yellow skin, medium size oblong fruit. Flavor resembles mashed sweet potatoes. 10c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.



King of the Mammoth

RADISH
GERMAN RADIES, ITALIAN RAVANELLO, POLISH
RZODKIEW

One ounce will sow 100 feet of drill.

Radishes thrive best in a light rich, sandy loam. For a successive crop supply sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a gentle hot-bed in February.

THE EARLIEST or SAXA—Excellent for forcing. Matures in 17 days. Color, red. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY SCARLET VICKS GLOBE—An excellent forcer. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY SCARLET WHITE TIP—So rapid in growth as to develop in 20 days. Grows round and very symmetrical and uniform in shape; color, a bright scarlet, white tip. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

CRIMSON GIANT TURNIP—Will grow to an unusually large size. It is always tender, crisp and of mild flavor. It remains in perfect condition for a long time. Color, a beautiful crimson. It will force well, but is especially adapted for outdoor growing. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

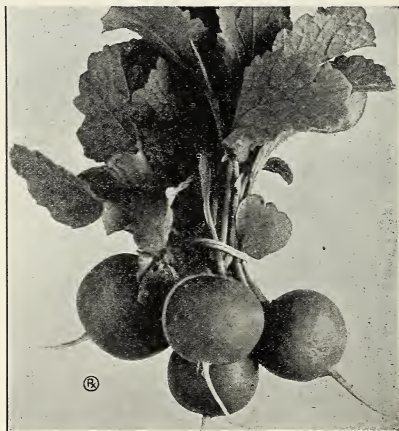
CHARTIER or LONG ROSE—Decidedly distinct in appearance from any radish in cultivation. The color at the top is crimson, running into pink about the middle and from thence downward it is pure waxy white. It will attain a very large size before it becomes unfit for table. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

EARLY WHITE BOX or WHITE TURNIP—It is perfectly round, smooth skin, pure white, free from all sharpness or bitterness. A remarkably quick grower with small top. For forcing it is in every way superior. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 75c. per lb.

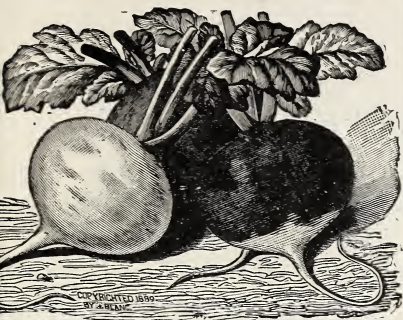
EARLY LONG WHITE ICICLE—The flavor of this new sort is very mild, and it is invaluable for slicing. The top is short; flesh very crisp and tender; very attractive when bunched. It matures in 40 days from time of sowing the seeds, and remains in prime condition for eating for fully two weeks. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 85c. per lb.

EARLY LONG SCARLET SHORT TOP—The standard variety for market and private gardens. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

EARLY SCARLET TURNIP—Very delicate in flavor; one of the best early sorts. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 75c. per lb.



The Earliest or Saxa



White Box, Crimson Giant, White Tip Scarlet

FRENCH BREAKFAST—A variety of quick growth; very mild and tender. 10c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

LONG PINK OR LADY FINGER—Like the white, only differs in color. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb. \$1.00 per lb.

LONG WHITE VIENNA or LADY FINGER—This is the finest Long White Radish in cultivation, most beautiful in shape; skin and flesh are pure snow white, crisp and of rapid growth. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.



Icicle

STRASBURG WHITE—Suitable for market and private gardens. It is of the tapering shape; both skin and flesh white. It is an excellent Summer variety; being tender and crisp and of the fine flavor and a quick grower. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

ROSE CHINA WINTER—Bright rose color; flesh firm and piquant. Excellent for Winter use. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

WHITE SUMMER TURNIP—Large white; excellent for Summer use; very good market sort. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; 90c. per lb.

BLACK SPANISH LONG—One of the hardiest and best for Winter use. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

WHITE SPANISH—Rather milder in flavor than the preceding. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

BLACK SPANISH ROUND—Good keeper. 10c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.



Horse Radish—50c. a Dozen Roots

RHUBARB

MYATT'S VICTORIA—Cherry red in color, stalks immense, cook splendidly, are not stringy. 10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.00 per lb.

SALSIFY OR OYSTER PLANTS

GERMAN HAFERWURZEL, ITALIAN SASSEFRICA, POLISH JARZY OSTNYGA



Salsify or Oyster Plant

One ounce will sow 50 feet of drill.

The Oyster Plant succeeds best in light, well-enriched, mellow soil which, previous to sowing the seed, should be stirred to a depth of eighteen inches. Sow early in the Spring in drills fifteen inches apart; cover the seed with fine soil an inch and a half in depth and when the plants are strong enough thin out to six inches apart.

SALSIFY or OYSTER PLANT—10c. per pkt.; 25c. per oz.; 75c. per $\frac{1}{4}$ lb.; \$2.50 per lb.

SEA KALE**One ounce will sow 100 feet of drill.**

Cultivated for its blanched shoots, which are cooked as asparagus. A supply may be had all Winter by planting the roots closely in a warm cellar before frost. Sow one inch, in drills two feet apart. Thin out to six inches, and the next Spring plant in hills three feet apart. 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.40 per lb.

SORREL

LARGE LEAVED—Has large leaves, can be cut five or six times, perfectly hardy. Leaves light green, quality very fine and not as broad as Spinach leaves. 10c. per pkt.; 20c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

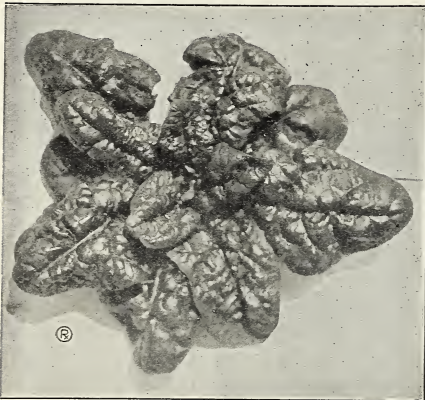
SPINACH

GERMAN SPINAT, ITALIAN SPINACE, POLISH SZPINAK

Notice—Owing to market conditions, all prices on Spinach are subject to change without notice.

One ounce will sow 75 feet of drill, eight pounds will sow an acre.

This is a very important crop in our market gardens, it is one of the most easily managed of all vegetables, requiring but little culture, and may be had fit for use one entire season. The main crop is sown in September. It is sometimes covered up, in exposed places, with straw or salt hay during the Winter, which prevents it from being cut with the frost, but in sheltered fields here, there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks, from April to August. Spinach is best developed, and most tender and succulent, when grown in rich soil.

**King of Denmark**

PRINCESS JULIANA—Leaves large, dark green, crumbled plant rather upright growth, will stand for a long time with out bolting to seed, good second early. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 45c. per lb.; 5 lbs. for \$1.75.

KING OF DENMARK—Leaves are large, round, somewhat crinkly and deep green. Plants grow quickly and vigorously, but will not shoot to seed as quickly as all other sorts. 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 45c. per lb.; 5 lbs. for \$1.75.

BLOOMSDALE SAVOY GENUINE—The best market sort. 5c. per pkt.; 8c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs., \$3.00.

LARGE ROUND THICK-LEAVED VAROFLY—A very large quick growing sort, very early spring variety, thick

leaves. 5c. per pkt.; 8c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10 lbs., \$3.00.

**Norfolk Savoy Leaved**

NORFOLK SAVOY LEAVED—The leaves are numerous, succulent, curled and wrinkled like a Savoy Cabbage. It produces nearly twice the weight or crop as the ordinary sorts, and is also the hardest of all the varieties of Spinach. 5c. per pkt.; 8c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10-lb. lots, \$3.00.

VICTORIA—Leaves extra dark, black-green color. One of the best Winter sorts. 5c. per pkt.; 8c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.

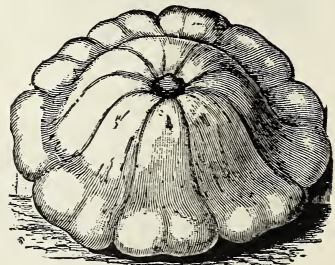
NEW ZEALAND—This variety endures heat and is the best for summer growing. 5c. per pkt.; 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

LONG STANDING or ALL SEASON—Leaves large, thick and crumpled, with a fleshy appearance, hardy, and one of the best varieties for autumn and spring sowing. 5c. per pkt.; 8c. per oz.; 15c. per $\frac{1}{4}$ lb.; 35c. per lb.; 10-lb. lots, \$2.80.

SPROUTS see **COLLARDS**

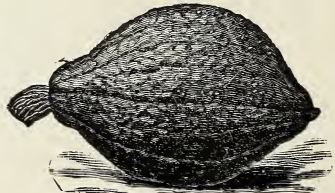
SQUASH

GERMAN FISCH-KURBIS, ITALIAN ZUCCA, POLISH MIEKURZ

**White Bush**

Among Early Bush Sorts one ounce of seed will plant 50 hills one ounce of Trailing Varieties, 20 hills.

Squashes are of luxuriant and vigorous growth, and although they will grow readily on almost any soil, they will well repay generous treatment. Like all vegetables of this class, it is

**Chicago Warty Hubbard**



Bush Summer Crook-Neck

useless to sow until the weather has become settled and warm. Light soils are best suited for their growth, and it is most economical of manure to prepare hills for the seeds in ordinary manner by incorporating two or three shovelfuls of well-rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.

CHICAGO WARTED HUBBARD—Fruit larger and more heavily warted than the regular Hubbard. 10c. per pkt.; 25c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

BLUE HUBBARD—A very large squash of the Hubbard shape, but the color is blue-gray; flesh, bright orange and sweet, and a long keeper. 10c. per pkt.; 25c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

WHITE BUSH SCALLOPED—An early market variety; excellent for shipping. 5c. per pkt.; 15c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

HUBBARD—A general favorite and more largely grown as a late sort than any other; of large size; flesh fine grained, dry and of excellent flavor. 10c. per pkt.; 25c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

BUSH SUMMER CROOK-NECK—Early productive and of good quality; fruit orange-yellow, covered with warty excrescences. 10c. per pkt.; 15c. per oz.; 40c. per $\frac{1}{4}$ lb.; \$1.25 per lb.

BOSTON MARROW—A much-esteemed variety, coming about ten days later than the bush sorts; a good keeper, and of unsurpassed flavor. 10c. per pkt.; 15c. per oz.; 30c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

MAMMOTH CHILL—Grows to large size, often weighing over two hundred pounds. Excellent for all uses. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

GOLDEN CUSTARD—It is yellow in color and excellent fine flavor; grows to good size, and of a very fine quality; very productive and of a bushy nature. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

ITALIAN VEGETABLE MARROW—Long greenish-white variety, very sweet and tender; fine for cooking. 10c. per pkt.; 15c. per oz.; 50c. per $\frac{1}{4}$ lb.; \$1.50 per lb.

SWISS CHARD

GERMAN BEISSKOHL, ITALIAN BIETA, POLISH BURAKI SPINACH

GIANT LUCULLUS—Crinkly leaf, tall growing variety. Enormous yielder. Culture same as beet. 5c. per pkt.; 10c. per oz.; 35c. per $\frac{1}{4}$ lb.; \$1.00 per lb.

TOBACCO SEED

IMPORTED HAVANA—40c. per oz.; \$3.50 per lb.

TOMATO

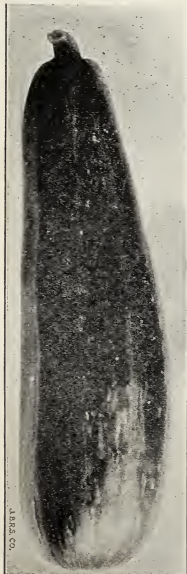
GERMAN LIEBESAPFEL, ITALIAN POMODORO, POLISH POMIDOR

One ounce will produce about 1200 plants.

This delicious vegetable is one of the most important of all garden products. The seed should be sown in a hot-bed, about the first of March, in drills five inches apart and half an inch deep. When the plants are about two inches high they should be set out four to five inches apart, in another hot-bed, or removed into small pots, allowing a single plant to a pot. They are sometimes transplanted a second time into larger pots, by which process the plants are rendered more sturdy and branching. About the middle of May the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting and shelter from the sun for a few days until the plants are established. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower-pot and placing it in a sunny window of the room or kitchen.

SPARKS' EARLIANA IMPROVED—The earliest smooth Red Tomato of good size and flavor now in cultivation. It is a very compact grower and consequently can be planted one-third closer than any other early sort. If you grow early Tomatoes don't miss planting it. 10c. per pkt.; 35c. per oz.; 90c. per $\frac{1}{4}$ lb.; \$3.50 per lb.

EARLIANA D. M. LARGE TYPE IMPROVED—Fruit one-third larger size than the Sparks' Earliana, very productive and ripens about the same time. It has merit for the market gardener and is worth trying. 10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.00 per lb.



Italian Vegetable Marrow



Marglobe

MARGLOBE—This great new Tomato introduced by the U. S. Dept. of Agriculture, through the efforts of Dr. Fred J. Pritchard, of the Bureau of Plant Industry. It is a good grower, producing large quantity of perfect fruit of globular shape of a scarlet color. Ripening up to the stem. Very fleshy of a high quality and of good average size. Very early 10c. per pkt.; 50c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.00 per lb..

WAYAHEAD—A very early smooth, solid Red Tomato Potato-leave foliage, fruit size of Earliana and will ripen with it if not a few days earlier. 10c. per pkt.; 45c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.50 per lb.

JOHN BAER—Early, the first tomato to fruit in the garden. Plants dwarf, fruit of medium size, red and very uniform. 10c. per pkt.; 25c. per oz.; 85c. per $\frac{1}{4}$ lb.; \$3.00 per lb.

BONNY BEST—An extra early bright red tomato; smooth, large and productive. 19c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

PONDEROSA—The largest tomato in cultivation, very solid and fine cropper. 10c. per pkt.; 45c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.50 per lb.

MATCHLESS—Large red fruit, general crop variety; good yielder. 10c. per pkt.; 35c. per oz.; \$1.00 per $\frac{1}{4}$ lb.; \$3.50 per lb.

GREATER BALTIMORE—This variety is one of the largest and most perfectly shaped varieties in cultivation. Ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, a good canning variety and bears shipping long distances. 10c. per pkt.; 25c. per oz.; 85c. per $\frac{1}{4}$ lb.; \$3.00 per lb.

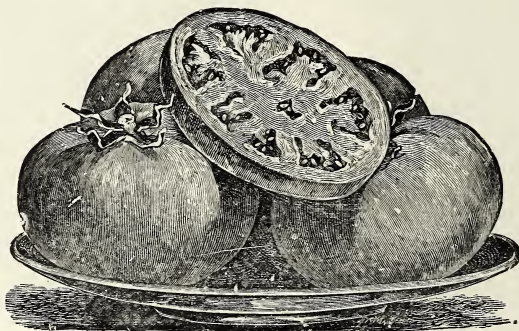
RED ROCK—A very red, attractive variety. It ripens very evenly. It is coreless and has a very red interior. It is smooth, solid and is a very heavy cropper. 10c. per pkt.; 25c. per oz.; 85c. per $\frac{1}{4}$ lb.; \$3.00 per lb.

STONE (Selected Strain)—Very large, perfectly smooth bright scarlet, solid; very productive, valuable for market gardeners and canners. 10c. per pkt.; 35c. per oz.; \$1.25 per $\frac{1}{4}$ lb.; \$4.00 per lb.

LIVINGSTON'S BEAUTY—A popular variety. The color is a glossy crimson, with a purple tinge. It grows in clusters of four and five, retaining its large size late in the season. Very solid with a tough skin, making it very desirable for shipping. 10c. per pkt.; 25c. per oz.; 85c. per $\frac{1}{4}$ lb.; \$3.00 per lb.

YELLOW PLUM—A beautiful variety. Used principally for pickling. 10c. per pkt.; 45c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.00 per lb.

RED CHERRY—A small, early variety; size and shape of cherry. For pickling. 10c. per pkt.; 45c. per oz.; \$1.50 per $\frac{1}{4}$ lb.; \$5.00 per lb.



TOMATO PLANTS

Ready May First

EARLY EARLIANA, BONNY BEST, MARGLOBE AND STONE TRANSPLANTING PLANTS—15c. to 35c per doz.; \$1.25 to \$1.50 per 100; \$10.00 to \$15.00 per 1000, according to stockiness of plants; 75c. per dozen grown in 3-inch pots; in boxes, 10c. each; \$1.00 per dozen.

LATE STONE, GREATER BALTIMORE AND MARGLOBE—Field grown, \$3.50 per 1000.

EXTRA STRONG GROWN TRANSPLANTING PLANTS—On flats. Special prices.

TURNIP

GERMAN WEISSE RUBE, ITALIAN NAVONE, POLISH RZEPA BRUKIEW

One ounce will sow 125 feet of drill $1\frac{1}{2}$ to 2 lbs. will sow one acre.

Turnips do best on highly enriched light, sandy or gravelly soil. Commence sowing the earliest varieties in April, in drills from twelve to fifteen inches apart, and thin out early to six or nine inches in the rows. For a succession, sow at intervals of a fortnight until the last week in July, from which time until the end of August sowings may be made for the Fall and main crops. Turnips may be preserved until Spring by cutting off the tops about one inch from the bulbs and storing in a cellar or cool shed during Winter, covering the roots with dry sand; they should be harvested before severe frosts set in, for, though comparatively very hardy, few of the varieties will survive the Winter of the Northern States in the open ground.

YELLOW ABERDEEN PURPLE TOP—Very hardy and productive, good keeper, globe-shaped, color pale yellow; very firm in texture, and closely resembled the Ruta Baga in good keeping qualities. Good for either table or stock. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

WHITE EGG—Flesh very thin and fine grained, thin and perfectly smooth skin and both flesh and skin are of snowy whiteness. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. lb.

YELLOW GLOBE—One of the best American varieties for general crop. Flesh very firm and sweet, and keeps well until late in Spring. Grows to a large size, and is excellent both for stock and table use. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

EARLY FLAT DUTCH—An excellent variety, resembling White Strap Leaf. The best variety for Spring sowing. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

EARLY SNOWBALL—A medium-sized, round, pure white variety, of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet. Maturing in about six weeks from time of sowing. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 75c. per lb.

YELLOW-STONE—Bulbs of medium size, very firm, excellent flavor and good keeper; one of the best and most popular yellow-fleshed varieties for table use; it is equally good for feeding stock. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 75c. per lb.

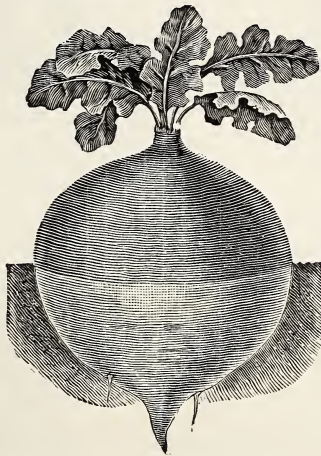


Purple-Top White Globe

RED-TOP STRAP LEAF—Rapid grower and mild flavor; the popular variety for early use, either for the table or stock. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

PURPLE-TOP WHITE GLOBE—An early variety, globe-shaped; in other respects similar to the Red Top Strap Leaf. A handsome-looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

GOLDEN BALL ROBERTSON'S—Rapid grower, excellent flavor, globe-shaped, and of a beautiful bright yellow color; a good keeper and has no superior for table use. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.



Improved American (Purple Top)

RUTA BAGA, or RUSSIAN SWEDISH

The Ruta Baga, Russian or Swedish Turnip, are extensively grown for a farm crop. The roots are close grained, very hard, and will endure a considerable degree of cold without injury. The roots are best preserved in a pit or cellar during the Winter, and are excellent for the table early in Spring.

Sow from twentieth of June to the middle of July, in drills three feet apart, and thin out to eight inches.

IMPROVED AMERICAN (PURPLE TOP)—The leading variety, very hardy and productive. Flesh yellow, solid, sweet and finely flavored. Equally good for stock or table use. The principal variety raised by market gardeners. 5c. per pkt.; 10c. per oz.; 20c. per $\frac{1}{4}$ lb.; 60c. per lb.

Prices Subject to
Market Fluctuations

Farm, Field and Bird Seed

Special Prices on
Large Quantities



If there is anything you specially want that we have not mentioned in our Manual, write us for information and prices, which will promptly be given you.

BARLEY

48 Pounds to a Bushel

BARLEY—Six rows. Bearded. \$2.50 per bushel.

BEANS

FOR SOILING AND FODDER

SOJA BEANS, MAMMOTH—Yellow seed. Do equally well on both light and medium heavy soils. The use of this crop is increasing very rapidly in all sections and is proving to be one of the most valuable and important forage and seed crops for the farmer. 7c. per lb.; 15-lb. lots and over, 5c. per lb.

WILSON SOJA—Black seed. Very early, good grower. Height about three feet. Best sort of Soja to grow in New Jersey and excellent for Hay. 7c. per lb.; 15-lb. lots and over, 6c. per lb.; \$3.00 per bushel of 60 lbs.

BIRD SEEDS

Prices Variable

If by mail, postage must be added at the Parcel Post rate.

CANARY, BEST SICILY (*Phataris Canariensis*)—15c. per lb.; 15-lb. lots and over, 12c. per lb.

HEMP (*Cannabis Sativa*)—15c. per lb.; 15-lb. lots and over, 10c. per lb.

MAW (*Papaver Rhoeas*)—25c. per lb.

MILLET (*Panicum Milaceum*)—10c. per lb.; 15-lb. lots, and over, 7c. per lb.

RAPE (*Brassica Napus*)—15c. per lb.; 15-lb. lots and over, 12c. per lb.

MIXED BIRD SEED—15c. per lb.; 15-lb. lots and over, 12c. per lb.

MOCKING BIRD FOOD—50c. per bottle or can.

FLAX SEED (*Linum Usitatissimum*)—Extra cleaned. 20c. per lb.; 15-lb. lots and over, 15c. per lb.

SUNFLOWER (*Helianthus Annuus*)—15c. per lb.; 25 lbs. or more, 12c. per lb.

BUCKWHEAT

48 Pounds to a Bushel

NEW JAPANESE—Kernal twice the size of the ordinary variety. It is earlier and more productive. Flour very fine. \$2.25 per bushel.

CLOVERS

Prices Variable

ALFALFA or LUCERNE. Sow 25 to 30 pounds to an acre.—It requires a deep, rich, dry soil, and in such will produce several crops every season. One of the best green fodder plants. 35c. per lb.; 15-lb. lots, 30c. per lb.; 100-lb. lots, 25c. per lb.

ALSIKE CLOVER—Sow 6 to 8 pounds to an acre—Resembles in growth, duration, etc., the Medium Red Clover, except its flower is white and growth much finer; thrives better than Red Clover on poorer soil and will not winter out as much as the other kind of Clover. 45c. per lb.; 15-lb. lots, 40c. per lb.; 100-lb. lots, 35c. per lb. 60 lbs. to a bushel.



Alfalfa or Lucerne

CRIMSON CLOVER. Sow 10 to 15 pounds to an acre—A most valuable sort for soiling. It grows from two to three feet high. Sow in July and August for soiling or mowing the ensuing Spring. 25c. per lb.; 15-lb. lots, 18c. per lb.; 100-lb. lots, 15c. per lb. 60 lbs. to a bushel.



Pea Vine or Mammoth Red Clover

PEA VINE or MAMMOTH RED CLOVER—Sow 8 to 12 pounds to an acre—Resembles the Medium Red Clover, but grows coarse and stocky; very valuable for plowing under. 50c. per lb.; 15-lb. lots, 45c. per lb.; 100-lb. lots, 40c. per lb. 60 lbs. to a bushel.

MEDIUM RED CLOVER. American Crown. Sow 8 to 12 pounds to an acre.—It is perennial, but of very few years duration. Is considered the most nutritious of all the species, and most valuable for cattle feeding and soil improver. 50c. per lb.; 15-lb. lots, 45c. per lb.; 100-lb. lots, 40c. per lb. 60 lbs. to a bushel.

SWEET CLOVER (Melilotus Alba). Sow 15 to 20 pounds to an acre of hulled seed.—Very valuable for soiling, very excellent for sowing in early Spring on land to be sown later to Alfalfa. Grows from 3 to 5 feet and can be cut two or three times if wanted for forage. 25c. per lb.; 15-lb. lots, 20c. per lb. 15c. per lb. in 100-lb. lots. 60 lbs. to a bushel.

WHITE CLOVER. Sow 4 to 6 pounds to an acre.—Valuable for lawn and pasture. 65c. per lb.; 15-lb. lots, 60c. per lb.; 50c. per lb. in 60-lb. lots.

GRASS SEEDS

Special Prices on 10 Pounds and Over

CREeping BENT GRASS. German—Excellent for lawn. Makes close growing, velvety green sod. Very hardy. Best variety of grass for putting greens and makes a handsome lawn. 85c. per lb.

CREeping BENT RHODE ISLAND—Hardier than German. \$1.00 per lb.

CREeping BENT PRINCE EDWARD. Island or Colonial—The hardiest of all bent and finest growth. \$1.25 per lb.

FESCUE SHEEP—Valueable for lawn and pasture grass. Dwarf fine-leaved growth. 40c. per lb.

FESCUE MEADOW—English Blue Grass. Easy to grow; resembles Kentucky Blue Grass; good for lawn and meadow. 40c. per lb.

FESCUE NEW ZEALAND—Hardy grass for lawn and putting green. 60c. per lb.

FESCUE HARD—Good for rough soil. 45c. per lb.

HERD, or RED TOP GRASS—Unhulled—(Agrostis Vulgaris)—Natural harvest seed in hull. Valuable as a mixture in either pasture or lawn grasses. Succeeds well in almost any soil. Best adapted to deep soil. Sow 20 to 30 lbs. to an acre. 25c. per lb.; 15-lb. lots and over, 20c. per lb. 14 lbs. to a bushel.

HERD or RED TOP GRASS SEED (Hulled)—Fancy seed thrashes out of hull. Sow 10 to 15 lbs. to an acre. 35c. per lb.; 15 lbs. and over 25c. per lb. 32 lbs. to a bushel.

HUNGARIAN GRASS (Panicum Germanicum)—Sow 50 to 60 pounds to an acre—Early. Height, two to three feet; abundant foliage and slender head; withstand drought and yields well on light soil. 10c. per lb.; 15-lb. lots, 7c. per lb. 48 lbs. to a bushel.

KENTUCKY BLUE GRASS (Poa Pratensis)—Sow 30 to 35 lbs. to an acre. It is also known as June Grass. A valuable variety for lawns, when mixed with other grasses. Thrives best in dry soils, and retains its verdure during the hottest weathers. Extra clean seed. 50c. per lb.; 15-lb. lots and over, 45c. per lb.; 20 lbs. to a bushel.

CANADA BLUE—Coarser than Kentucky Blue. 40c. per lb.; 15-lb. lots, 35c. per lb.

MILLET, GERMAN or GOLDEN—Sow 50 to 60 pounds to an acre.—Medium early. In height, three to four feet heads closely condensed. 10c. per lb.; 15-lb. lots and over, 7c. per lb. 50 lbs. to a bushel.

PERENNIAL RYE GRASS (Lullum Perenne)—Sow 30 to 35 pounds to an acre. A very nutritious and valuable grass for meadows and permanent pastures. 25c. per lb.; 15-lb. lots and over, 20c. per lb. 24 lbs. to a bushel.

ORCHARD GRASS (Dactylis Glomerata)—Sow 20 to 25 pounds to an acre.—One of the most desirable of all pasture grasses. Especially valuable for grazing stock. 35c. per lb.; 15-lb. lots and over, 30c. per lb. 14 lbs. to a bushel.

TIMOTHY GRASS (Pheum Pratense)—Sow 10 to 15 pounds to an acre.—It will produce a larger crop than any other fine blade grass for hay. 15c. per lb.; 15-lb. lots and over, 10c. per lb. 45 lbs. to a bushel.

SUDAN GRASS—A rapid growing green fodder and makes good hay. 15c. per lb.; 10-lb. lots, 10c. per lb.

PASTURE GRASS MIXTURE (Also for Hay)

Sow 50 to 60 Pounds to an Acre

This is the most profitable crop that a farmer can put in his soil. Seeding should be done in July and August. You seldom miss a catch. The following season it will cut two to three tons, on an average, to an acre.

The quality is far superior to clover and timothy hay. It will also do fairly well sown in oats during April. 45c. per lb.; 15-lb. lots and over, 40c. per lb.; 35c. per lb. in 100-lb. lots; \$8.00 per bushel. 25 lbs. to the bushel.

OATS

Thirty-two Pounds to the Bushel

TARTAR—Large grain, large straw and a large cropper. A side oat. The only oat to grow with Canada Field Pea for green fodder for cattle feeding. 7c. per lb.; 15-lb. lots, 5c. per lb.; \$1.35 per bushel of 32 pounds.

PEAS AND BEANS FOR FODDER AND SOILING

Special Prices on Quantity also to Fluctuations Sow 60 to 75 pounds to an acre.

CANADA WHITE—Sow with Oats. Side Oats are preferred, being a stronger grower and heavier in grain. No Green Forage is so profitable to Milch Cows as this feeding 10c. per lb.; 15-lb. lots and over, 8c. per lb.; \$4.50 per bushel of 60 lbs.

COW PEAS, BLACK AND GRAY WHIPPOORWILL—Best variety as a soil enricher. Also for hay and pasture for cattle and hogs. It is the cheapest method to make poor land rich. 10c. per lb.; 15-lb. lots and over, 8c. per lb.

RAPE

DWARF ESSEX. Sow 10 to 12 pounds to an acre.—Does well to sow with Oats, Southern Cow Peas and Sweet Fodder, Corn. If well grown this is the best and cheapest pasture for hogs. By itself it is excellent as green food for poultry. Good green food for poultry, sheep and hogs. 15c. per lb.; 15-lb. lots, 10c. per lb.

RYE—WINTER

A valuable catch-crop. 5c. per lb.; 15-lb. lots and over, 4c. per lb.



Amber Sugar Cane or Sorghum

SORGHUM or AMBER SUGAR CANE—Great fodder producer and very nutritious for cattle and stock feeding; it can be cut down several times in a season. Very profitable for a dairy farm and hog raising. 20c. per lb.; 15-lb. lots and over, 10c. per lb.

VETCHES

VETCH—SPRING (Vicia Sativa). Sow 40 to 50 pounds to an acre.—Highly valuable for soiling or for green manuring. Sometimes grown with oats for forage. Makes excellent cutting in June for cattle. 10c. per lb.; 15-lb. lots and over, 9c. per lb.; 100-lb. lots, 8c. per lb.; 60 lbs. to a bushel.

VETCH—HAIR or WINTER (Vicia Villosa). Sow 40 to 50 pounds to an acre.—It is noted for its hardness and is highly valuable as a winter cover crop. It is used for forage and fertilizing purposes, will live over winter in well-drained soils. It is a perennial, but drops its seeds freely and will come up year after year. If sown in September will make an excellent forage for following Spring. Will yield 1½ to 4 tons per acre. 20c. per lb.; 15-lb. lots and over, 15c. per lb. 60 lbs. to a bushel.

WINTER WHEAT Thirty Pounds to a Bushel

PENNSYLVANIA 44—Has a very large hard berry. Bearded. One of the best red wheats. 7c. per lb.; 15-lb. lots, 6c. per lb.; \$2.75 per bushel.

LEAP'S PROLIFIC BALD—A first class milling wheat. 7c. per lb.; 15-lb. lots, 6c. per lb. \$2.75 per bushel.

Flower Seeds



Blooming the First Year from Seeds

Annual blooming the first year from seeds. Perennial blooming the second year, sometimes the first year if sown early in Spring.

Upon this class of plants the garden is dependent for many of the richest, most showy and beautiful flowers from seeds. Consequently we have taken special care in the selection of the choicest kinds.

- ABRONIA UMBELLATA**—Trailing plants with rosy-lilac flowers in clusters. 10c. per pkt.
- ABUTILON**—Flowering Maple—Outdoor and indoor flower. 25c. per pkt.
- ACANTHUS** (Bear's Breech)—Rosy white flowers, blooming in August and September. 10c. per pkt.
- ACHILLEA**—Perennial. 2 ft. high flower. Double white blooms all summer. 25c. per pkt.
- ACONITUM** (Monk's Hood or Wolfbane)—Produce long spikes of curious blue and white flowers. 10c. per pkt.
- ACROCLINUM**—Pretty annual "everlasting" lovely white and rosy pink flower. When cut in the bud state can be dried and used in Winter bouquets. 10c. per pkt.
- ADONIS AUTUMNALIS**—Annual, crimson; 1 ft. 10c. per pkt.
- ADLUMIA CIRRHOSA** (Mountain Fringe, Allegheny Vibe)—Bi-annual climber, with tube-shaped flesh-colored flowers like bleeding hearts. 10c. per pkt.
- AGERATUM** (Floss Flower) **BLUE PERFECTION**—Annual, dark blue. 10c. per pkt.
- AGERATUM** (Floss Flower). **ALBA NANUM**—Pure white, 8 in. 10c. per pkt.
- ANCHUSIA**—Annual free flowering. Forget me not blue spray flowers. 18 in. high. 10c. per pkt.
- ANEMONE** (Wind Flower)—Mixed colors, very fine for bouquets. 10c. per pkt.
- ANTHEMIS** (Hardy Margaret)—Perennial. Bear a daisy-like yellow golden blossom all summer. 10c. per pkt.
- ANTIRRHINUM** (Snapdragon)—One of the best cut flowers that can be grown in the garden. They prefer a sunny position.
- ANTIRRHINUM**—Mixed. 5c. per pkt.
 " Yellow. 10c. per pkt.
 " White. 10c. per pkt.
 " Crimson. 10c. per pkt.
 " Pink. 10c. per pkt.
- AQUILEGIA** (Colombine)—Perennial Mixed exquisite flowers with flowers on long spire. 10c. per pkt.
- ARABIS ALPINA** (Rock Cress)—Perennial. Spreading tufts of a sheet of white flowers as soon as the snow disappears; fine for rockery. 6 in. 10c. per pkt.
- ARMERIA FORMOSA** (Sea Pink)—Perennial. Very fine edging plant bearing rosy-pink flowers. 10c. per pkt.
- ASTERS, CHINA**—Mixed, a very superb collection. 5c. per pkt.
 " **BRANCHING IN WHITE, PINK, RED, LAVENDER AND BLUE**—Extra fine garden variety. Loose, graceful flower, long stem, blooming profusely. 10c. per pkt.
 " **SEMPLÉ BRANCHING**—Mixed color. 10c. per pkt.



Anemone



Antirrhinum (Snapdragon)



Simplex Aster Branching

- ASTERS, QUEEN OF THE MARKET, CRIMSON**—One of the best reds. 10c. per pkt.
 " **GIANT COMET ROSE**—Flowers of good size. 10c. per pkt.
 " **QUEEN OF THE MARKET, LAVENDER**—10c. per pkt.
 " **QUEEN OF THE MARKET, WHITE**—Flowers of good size. 10c. per pkt.

" **OSTRICH FEATHER**—Magnificent Aster. Produces flowers of immense size. Long, loosely formed petals. Splendid cut flowers or separate colors of pink, white, blue, crimson, lavender. 10c. per pkt.

" **OSTRICH FEATHER**—Mixed colors. 10c. per pkt.

" **MICHAELMAS DAISIES**—Hardy perennial. Beautiful fall flower. 5 ft. high. 10c. per pkt.

AUBRIETA—Rock cross Sheet. Tough flowers Spring and summer. 10c. per pkt.

AURICULA—Perennial. Half hardy. 6 in. Various colors. 25c per pkt.

BALSAM (Lady Slipper)—An old favorite, producing a profusion of brilliant-colored double flowers. 5c. per pkt.

BALLOON VINE (Love in Puff)—Climber flowers, white seed like small balloon. 5c. per pkt.

BACHELOR'S BUTTON (See Gomphrena).

BEGONIAS-Tuberus Rooted—Large handsome bright colored flowers blooming all summer. Elegant border plant. Single in separate colors. Scarlet, crimson, rose, white, yellow and orange. 25c. each. \$2.50 per doz.

" Double in separate colors. Scarlet, rose, white, yellow. 25c. each; \$2.00 per doz.

" Mixed. 20c. each; \$2.00 per doz.

BELLIS (English Daisy)—Perennial, double mixed daisy. 10c. per pkt.

BOCCONIA—Perennial Phom Poppy, 5 ft. Cream color flower. 10c. per pkt.

BALTONIA—Perennial, 4 ft. high, daisy like flowers. Bloom July and August. 10c. per pkt.

BRACHYCOME (Swan River Daisy)—Free flowering, dwarf-growing, suitable for edging, producing blue and white flowers. 10c. per pkt.

BROWALLIA ELATA (Amethyst)—Large sky-blue flowers with white centre. 5c. per pkt.

BROWALLIA ALBA—Large white flower. 5c. per pkt.



Calendula (Pot Marigold)

CALENDULA (Pot Marigold)—Has large, showy, orange flowers. It is easy to cultivate. 10c. per pkt.

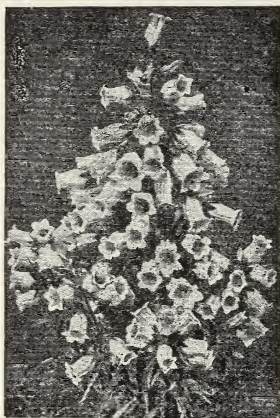
CACALIA (Tassel Flower)—A neat annual flower, golden yellow and scarlet, fine for borders. 10c. per pkt.

CANARY BIRD VINE—Rapidly growing vine, bearing beautiful yellow flowers. 10c. per pkt.

CANDYTUFT (Iberis)—Mixed colors. 5c. per pkt.

CANDYTUFT (Iberis)—White and other solid colors. 10c. per pkt.

CAMPANULA (Canterbury Bells)—Perennial. Beautiful large flowers, bell-shaped and blooming quite profuse. 10c. per pkt.



Campanula

CALLIOPSIS (Golden Ray or Coriopsis)—Dwarf compact plants covered with flowers of rich maroon edged with golden yellow; good cut flowers. 5c. per pkt.

“ “ **RED EMPRESS**—Rich crimson combs of colossal proportions. 10c. per pkt.

“ “ **PLUMOSA**—Very attractive silky plume-like flower in various colors. Crimson, Yellow and Pink flowers, 2 ft. 10c. per pkt.



Celosia (Cockscomb) Plumosa

CLEOME (Giant Spider Flowers)—Plant attains height of 3½ feet, each branch having a large head of rosy-crimson flowers. 10c. per pkt.

CENTAURIA (Dusty Miller) GYMNOCARPA—White foliage, fine for hanging baskets, borders and beds. It has silvery white leaves, which are broadly cut. 10c. per pkt.

CENTAURIA CYANUS (Blue Corn Flower)—5c. per pkt.

CENTAURIA IMPERIALIS (Royal Sweet Sultans)—Sweet button. 10c. per pkt.

CINERARIA—Fine mixture of the dwarf variety, fine starry flowers of all variations and colors. 10c. per pkt.

COLEUS (Flame Nettle)—This is a selected mixture of fine, highly-colored hybrid varieties. 10c. per pkt.

COCCINEA INDICA (Scarlet, Fruited Ivy-Leaved Climber)—A handsome climber of the gourd species, with fine snow-white bell-shaped flowers and brilliant carmine fruit. 10c. per pkt.

COBEA SCANDENS (Cups and Saucers Vine)—A rapid climber to 50 ft., large bell-shaped purple flowers. 10c. per pkt.

CORNFLOWER (Centauria) CYNANUS—This is very valuable as a cut flower in the old-fashioned garden. 5c. per pkt.

CONVOLVULUS MAJOR (Morning Glory)—This is the climber and is one of the most free growing and blooming plants under cultivation. 5c. per pkt.

CONVOLVULUS MINOR—This is the dwarf Morning Glory which bears a profuse abundance of large richly-colored flowers. 5c. per pkt.

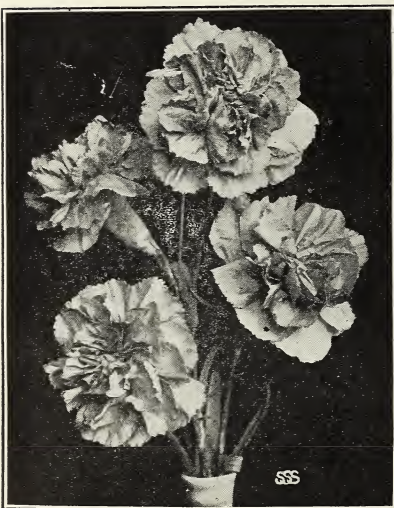
CONVOLVULUS JAPANESE (See IPOMOEA)—10c. per pkt.

COSMOS—These are the most popular of all fall-blooming plants, producing thousands of flowers of single daisy-like blossoms of various colors. Fine mixed. 5c. per pkt.

COSMOS—In separate colors of White, red and pink. 10c. per pkt.

“ **DOUBLE FLOWERED**—Mixed colors. 10c. per pkt.

COW SLIP—See POLYANTHUS.



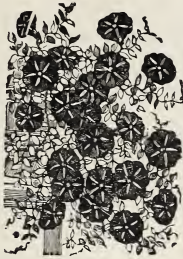
Carnations Double (Mixed)

CARNATIONS DOUBLE (Mixed)—Very fine for cut flowers. 10c. per pkt.

CARDINAL CLIMBER CYPRESS—Has fine foliage, grows rapidly, bears red trumpet flowers. 10c. per pkt.

CHRYSANTHEMUM—Mixed colors producing flowers of many colors. 10c. per pkt.

CELOSIA (Cockscomb)—Mixed colors. 5c. per pkt.



Convulvulus Japanese

CYPRESS VINE (Ipomoea Quamoclit)—This vine grows rapidly, having a fern-like foliage and bears a mass of beautiful star-shaped flowers. 5c. per pkt.

CYPRESS VINE or CARDINAL CLIMBER—Flowers twice the size of ordinary Cypress beautiful Scarlet flower. 10c per pkt.

DAHLIA (Single)—Will bloom first year if sown early 10c. per pkt.

DATURA (Trumpet Flower)—An ornamental annual, with large white trumpet, sweet scented showy flowers, making handsome plants, 2 to 3 feet high. 10c. per pkt.

- DELPHINIUM, Perennial Larkspur.**
 " **BELLADONNA**—Torquoise Blue. 20c. per pkt.
 " **BELLAMOSUM**—Rich deep blue. 25c. per pkt.
 " **FORMOSUM**—Rich blue white centre. 15c. per pkt.
 " **CHINESE**—Feathered foliage. Blossoms blue. 10c. per pkt.
 " **HYBRID**—Mixed of beautiful blooms. 15c. per pkt.



Cornflower (Centauria) Cyanus

DIANTHUS, CARNATION—Double mixed. 15c. per pkt.

" **MARGUERITE**—Summer pink, 12 to 15 inches high. 10c. per pkt.

DIANTHUS CHINESE PINK—Double mixed, colors varying from rich velvety crimson to most delicate rose. 5c. per pkt.

" **JAPANESE**—Beautifully colored single pink free bloomer. Mixed colors. 10c. per pkt.



Dahlia (Single)

DIODISCUS COERULIUS (Blue Lace Flower)—Pretty annual, blooms profusely. Exquisite lavender blossoms are excellent for cutting. 10c. per pkt.

DIGITALIS (Fox Glove)—Perennial. Mixed colors, flowers produced on long stems, making a very beautiful plant in the garden. 10c. per pkt.

DOLICHOS (Hyacinth Bean)—Climber, grows 10 feet, flowers freely in erect racemes and produces ornamental seed pods. 10c. per pkt.



Dianthus Marguerite

ESCHSCHOLTZIA (California Poppy)—This is a very attractive plant for bedding, blooms until frost, flowers mixed in colors. 5c. per pkt.

ECHINOPS (Globe Thistle)—Perennial. 3 ft. steel blue flower. 10c. per pkt.

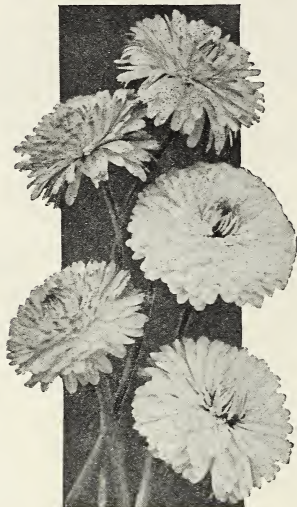
EUPATORIUM—Perennial, 3 ft. white flower. August to October. 10c. per pkt.

EUPHORBIA VARAGATE (Snow on the Mountain)—Attractive foliage striped with white. 10c. per pkt.

GAILLARDIA PICTA (Blanket Flower)—Perennial. Has very showy flowers, blooming in great profusion. Mixed colors. 10c. per pkt.

GEUM—Perennial, double crimson flower. Beautiful summer bloomer. 10c. per pkt.

GOLDEN GLOW (Rudbeckia)—Perennial. A very tall plant, suitable for hiding fences, and bearing large yellow flowers, very suitable for cut flowers. 5c. per pkt.



Didiscus Coeruleus

GOMPHRENA (Bachelor's Button)—This is a first-rate bedding plant; the flowers can be dried and used in winter bouquets as a straw flower. 10c. per pkt.

GODEITA—Bush annual, with large, showy flowers of rich coloring. 5c. per pkt.

GOURD BALSAM APPLE (Cucurbita)—A very pretty climber with glossy foliage and round apple-shaped fruit. 10c. per pkt.

GOURDS CUCURBITA—Annual climber 10 to 20 feet, with ornamental foliage and peculiar mixed fruits. 10c. per pkt.



Gourds Cucurbita

GYPSOPHILA (Baby Breath)—It bears large panicles of misty white flowers which are very suitable for mixing with other flowers. 5c. per pkt.

HELIOTROPE (Cherry Pie)—A perennial known to everyone; having a most delightful perfume. We have it in mixed, white and other colors. 10c. per pkt.

HELICHRYSUM (Straw or Eternal Flower)—These are the best flowers for drying, are also very pretty in the garden. 10c. per pkt.

HELENIUM—Perennial. 3 ft. yellow flower. 10c. per pkt.

HELIANTHUS, HARDY SUNFLOWER—Hardy grower, with large golden flowers in autumn. 5c. per pkt.

HELIOPSIS—Perennial. 4 ft., orange sun flower. 10c. per pkt.

HIBISCUS (Marshmallow)—It has a large-sized, beautifully colored flower, and is very suitable for mixed beds. 10c. per pkt.

HOLLYHOEK—This perennial is unsurpassed for a background; it has beautiful long spikes bearing large gorgeous flowers. We carry both mixed and assorted colors. 5c. per pkt.



Hollyhock

HOLLYHOEK—WHITE. 10c. per pkt.

" YELLOW—10c. per pkt.

" RED. 10c. per pkt.

" PINK. 10c. per pkt.



Ipomoea (Moonflower)

HUMULUS JAPONICUS (Japanese Hop)—A beautiful fast-growing climber, resembling the hop vine. 10c. per pkt.

IPOMOPSIS ELEGANS—10c. per pkt.

IPOMOEA (Moonflower)—White, bearing large gorgeous flowers, which open in the evening and close with the coming of morning. The plant is a very rapid climber. 10c. per pkt.

IPOMOEA (Japanese)—These are by far the handsomest morning glory, having magnificent large flowers with colorings beyond description. 10c. per pkt.

LICE PLANT—10c. per pkt.



Lupinus

- KOCHIA FIRE BALL**—10c. per pkt.
LATHYRUS—Hardy sweet peas, mixed colors. 10c. per pkt.
LANTANA—Annual, mixed colors, 3 ft. 10c. per pkt.
JACOBIA DWARF DOUBLE—10c. per pkt.
LARKSPUR (Delphinium)—Double mixed; it is the finest variety, with splendid spikes of beautiful double flowers. 10c. per pkt.
LARKSPUR FORMOSUM BLUE—Perennial. Light blue. 10c. per pkt.
LARKSPUR DWARF ROCKET—It is a double dwarf, growing but 18 inches. 5c. per pkt.
LINARIA CYMBALARIA (Kenilworth Ivy)—Perennial trailing plant suitable for basket work. 10c. per pkt.
LUPINUS—Free flowering annual with long graceful spikes of rich and various colored pea shaped flowers. Valuable for mixed borders. 2 ft. Mixed. 10c. per pkt.
LYCHNIS—Perennial, 2 ft., scarlet flower. 10c. per pkt.
MARIGOLD AFRICAN—An old favorite, having large orange and yellow flowers. 5c. per pkt.
MARIGOLD FRENCH—This strain is more dwarf and bears striped flowers. 5c. per pkt.



Mignonette (Reseda Odorata)

- MIGNONETTE (RESEDA) ODORATA**—No garden is complete without it, for its sweet fragrance is very pleasing. 5c. per pkt.
 “ **DEFIANCE**—10c. per pkt.
 “ **MATCHET**—10c. per pkt.
MIMULUS TIGRINUS (Monkey Flower)—Showy, profuse bloomer; does well in moist places. 10c. per pkt.
MIMULUS MOSCHATUS (Musk Plant)—Small yellow flower, musk scented foliage. 10c. per pkt.
MOMORDICA (Balsam Apple)—Climbing ornamental foliage. Fruit yellow warted when ripe; opens showing the seed and its brilliant carmine interior. Fine vine for trellis or rockery. 10c. per pkt.
MIMOSA SENSITIVA (Sensitive Plant)—Leaves close and drop when touched, flowers pinkish white. 5c. per pkt.
MARVEL OF PERU (Mirabilis or Four O’Clock)—This is a handsome, well-known old flower which does well everywhere. 5c. per pkt.
MESEMBRYANTHEMUM (Ice Plant)—Dwarf trailing plant with singular icy foliage and white flowers. 5c. per pkt.
MYOSOTIS (Forget-Me-Not)—One of the most admired spring plants, bearing the well-known little blue flowers. 10c. per pkt.

NASTURTIUMS

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frosts comes, there is an endless profusion of their gorgeous blossoms. The varieties offered below are the best selected from many sorts.

Tom Thumb, Dwarf or Beeding Varieties

MIXED COLORS—10c. per pkt.; 10c. per oz.; 35c. per ¼ lb.; \$1.00 per lb.

Tall or Climbing Varieties

MIXED COLORS—5c. per pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

- NICOTIANA (Tobacco or Tobacco Flower)**—Pink and white with tubular flowers, blooming continually, sweet scented. 10c. per pkt.
NIGELLA DAMASCENA (Love-in-a-Mist or Devil-in-the-Bush)—Has finely cut foliage with peculiar flowers of corn flower blue shade. 10c. per pkt.
PANSY (Viola) MIXED—This flower is known to everyone as Johnny Jump Up. Small flowers of blue, white, yellow etc. Fine mixed. 10c. per pkt.

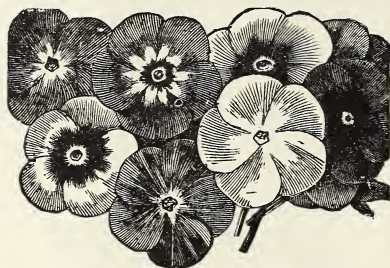


Pansy

- PANSY GERMAN**—Fancy brilliant colors, fine mixed. 10c. per pkt.
 “ **FRENCH GIANT LARGE**—Mammoth, flowers, fine mixed. 10c. per pkt.
 “ **ENGLISH**—Large flowers of blue, black, yellow, etc., fine mixed. 10c. per pkt.
PENTSTEMON (Bear Tongue)—A very hardy border plant, ranking with the best of bedding plants. 10c. per pkt.
PETUNIA—Few plants surpass this as both an outdoor and indoor decorative plant. We carry it in mixed and assorted colors both in single and double flowers. 10c. per pkt. for single mixed.
PETUNIA Rosy Morn—Soft rose-pink, very dainty profuse bloomer. 10c. per pkt.
PETUNIA—Double and fringed, mixed colors. 25c. per pkt.



Potunia Double



Phlox Drummondii

PHLOX DRUMMONDII—This popular plant will grow in any soil, provided it is given sun. Flowers all summer. Mixed colors. 10c. per pkt.

PHLOX HARDY—Perennial, mixed colors. 25c. per pkt.

PLATYCODON (Balloon or Japanese Bellflower)—Beautiful blue and white perennial flower, fine for border planting. 10c. per pkt.

PHYSALIS FRANCHETI (Chinese Lantern Plant)—Bushy 2 ft. high, producing freely bright scarlet lantern of balloon which can be cut and dried for winter bouquets. Very interesting. 10c. per pkt.

PERERARIA THUGBERGIANA (Japanese Kudzu Vine)—Perennial, rapid growing vine of large foliage, rosy-purple pea shape blossoms, splendid vine for covering verandas, dead trees, etc. 10c. per pkt.

POLYANTHUS ELATOR (English Primrose or Cow Slip)—Various colors from white to crimson. 10c. per pkt.

POPPY (Papaver) ICELAND—These are very suitable for cutting bloom first season, should be picked when in bud, foliage fern-like. 10c. per pkt.

POPPY (Papaver) SINGLE MIXED—This is a mixture of single flowering sorts of all colors. 10c. per pkt.

POPPY (Papaver) DOUBLE MIXED—Same as above with exception that flowers are double. 10c. per pkt.

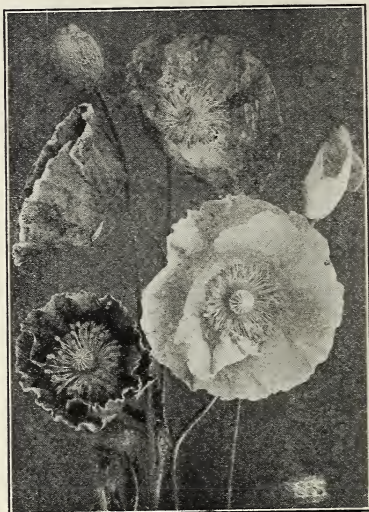
POPPY (Papaver) SHIRLEY—This is the best of all single poppies, making a magnificent profusion of color in the garden. 10c. per pkt.

PORTULACA (Sun Plant)—A beautiful plant for massing in beds or in rock work, producing a riot of color. Single flowering varieties. 5c. per pkt.

PORTULACA—Double flower, mixed colors. 10c. per pkt.

PRIMROSE VULGARIS (English Primrose)—Canary yellow and fragrant with light protection will stand the winter. (See Polyanthus.) 10c. per pkt.

PYRETHRUM HYBRID—Single mixed perennial. Daisy like flower in various colors. Summer bloomer. 10c. per pkt.



Poppy (Papaver) Shirley

RHODANTHE (Swan River Everlasting Straw Flower)—Of various colors. 10c. per pkt.

RAGGED ROBIN (Centaurea)—This flower, known to every flower lover, comes in blue, rose and white. 5c. per pkt.



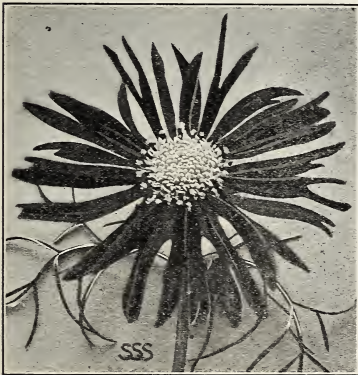
Pyrethrum

RICINUS (Castor Oil Bean)—Fine for centre of bed or massing; it is of stately growth, bearing beautiful fruit and foliage. 5c. per pkt.
RUDBECKIA (Golden Glow)—5c. per pkt.



Scabiosa (Morning Bride or Egyptian Rose)

SCABIOSA (Morning Bride or Egyptian Rose)—An excellent cut flower, therefore no garden is complete without it; can be had in dwarf or tall varieties and all colors. 10c. per pkt.
SCARLET SAGE (Salvia Splendeus)—A favorite bed or border plant, brilliant scarlet flower blooming from early season to frost. 10c. per pkt.
STOKESIA CYANEA (Corn Flower)—Mixed colors. 10c. per pkt.
SCHIZANTHUS (Butterfly or Fringe Flower)—It is a very airy and dainty flower, which are orchid-like and almost obscure the foliage so densely are they borne. 10c. per pkt.



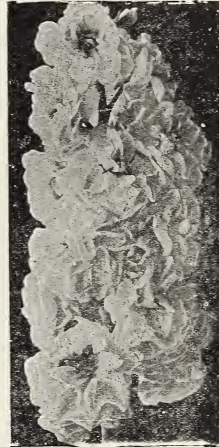
Shasta Daisy

SHASTA DAISY—This is a special selection of hybrid daisies, bearing a flower of large size, which makes it desirable for cutting. 10c. per pkt.
SILENE (Catchfly)—Bears white, pink and red flowers, making a very pretty and handsome plant. 5c. per pkt.
STATIS (Sea Lavender)—Very good for bordering producing panicles of minute flowers; it can be dried and used for winter bouquets. 5c. per pkt.
SUNFLOWER (Helianthus)—This is a mixture of the miniature sunflower, containing a variety of smaller, larger, and curiously twisted petals varying from the original miniature sunflower. 5c. per pkt.
SWEET WILLIAM (Dianthus Barbatus)—Perennial. This is another of the great favorites of the garden, being beautiful and well adapted for cutting. Mixed colors. 5c. per pkt.

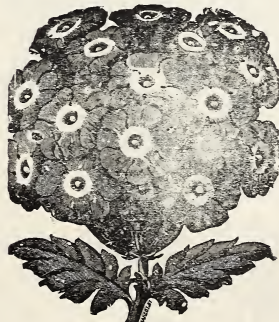


Sweet William (Dianthus Barbatus)

SWEET WILLIAM—Double mixed colors. 10c. per pkt.



Stock Ten Week



Verbena Mammoth

STOCK TEN WEEK (Gillflower)—The stock is a very popular annual because of its variety of color and its adaptation as a bedding and pot plant. Mixed colors. 5c. per pkt.

THUNGERGIA (Black-Eyed Susan)—A beautiful rapid growing climber; does well in hanging baskets, prefers a warm, sunny place. 10c. per pkt.

VALERIANA—Annual, 2 ft., red and white flower. Fine for bouquets. 10c. per pkt.

VERBENA MAMMOTH—Known to everyone; it is a free bloomer of vigorous habits, bearing large, gorgeously colored flowers. Very beautiful cut flower. 10c. per pkt.

VERONICA SPICATA—Elegant hardy border plant about 1½ ft. high, producing long spikes of bright blue flowers during June and July. 10c. per pkt.

VIOLET SWEET—Large flowered single varieties, in blue and white. 5c. per pkt.

WALL FLOWER—It is an early spring bloomer, bearing beautiful flowers. 10c. per pkt.

XERANTHEMUM (Everlasting Flower)—This is the prettiest of all everlasting flowers. The seed is mixed and contains all the colors. 10c. per pkt.

ZINNIA (Youth and Old Age)—The flowers are very brilliant and showy. Choice mixed colors. 10c. per pkt.

ZINNIA DOUBLE DAHLIA—Flowers of mammoth size and in form like a perfect Dahlia of brilliant colors. Fine mixed colors. 20c. per pkt.



Zinnia Double Dahlia

ZINNIA DOUBLE DAHLIA—In separate color of canary bird yellow, crimson monarch, scarlet flame and old rose. 25c. per pkt.



Sweet Peas

SPENCER OR ORCHID FLOWER

The best of the old-fashioned or grandiflora varieties are now quite overshadowed by this wonderful type which are quite distinct having large round open flowers of extra waxy standards, and wide spreading wings. A very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested, and are just as easy to grow as the Grandiflora Varieties.

BLANCHE—Ferry Spencer. Pink white wings.

DORIS—Brilliant orange, creese pink.

FLORENCE NIGHTINGALE—Large fine pure lavender.

GIANT ATTRACTION—Large shell pink.

GOLDEN GLORY—Wonderful glowing orange.

IVORINE—Cream suffused with buff-pink. Dainty co'or.

KING EDWARD—Bright crimson scarlet, large flower.

KING MAUVE—Attractive rich deep mauve.

KING WHITE—Pure white, handsome.

MARGARET ATTER—Rich pink; giant size.

OLD ROSE—Lovely rose color.

ROYAL PURPLE—Rich royal purple; one of the best.

THE CARDINAL—Poppy scarlet; beautiful flower.

WEDGWOOD—Bright silvery or wedgwood blue; popular color.

PRICE—Any of the above colors, 10c. per pkt.; 25c. per oz.; 70c. per ¼ lb.

SWEET PEAS GRANDIFLORA—Mixed colors. 10c. per pkt.; 15c. per oz.; 2 oz., 25c.; ¼ lb., 40c.; \$1.25 per lb.

LATHYRUS—Hardy sweet peas. 10c. per pkt.

Common Names of



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- | | | |
|-----------------------------------|-------------------------------|--|
| Amethyst, Browallia. | Fire Ball, Kochia. | Marshmallow, Hibiscus. |
| Baby's Breath, Gypsophila. | Flame Nettle, Coleus. | Monkey Flower, Mimulus. |
| Batchelor Button, Gomphrena. | Fox Glove, Digitalis. | Morning Bride, Scabiosa. |
| Balloon Vine, Metrocarpa. | Forget-Me-Not, Myosotis. | Musk Plant, Mimulus. |
| Balsam Apple, Momordica. | Four O'Clock, Marvel of Peru. | Pot Marigold, Calandula. |
| Bears Breech, Acanthus. | Fringe Flower, Schizanthus. | Reseda, Mignonetta. |
| Beard Tongue, Penstemon. | Giant Spider, Cleonla. | Ragged Robin, Centaurea Cyanus. |
| Bell Flower, Platicodium. | Gilliflower, Ten Week Stock. | Rock Cress, Arabis. |
| Blacy-eye Susan, Thunbergia. | Globe Thistle, Echinops. | Scarlet Sage, Salvia. |
| Butterfly, Schizanthus. | Golden Glow, Rudbeckia. | Scarlet Fruit Climber, Coccima. |
| California Poppy, Eschscholtzia. | Gourds, Cucurbita. | Snap Dragon, Antirrhinum. |
| Catchfly, Silena. | Golden Ray, Calliopsis. | Sea Pink, Ameria. |
| Castor Bean, Ricinus. | Hop Vine, Humulus. | Sea Lavender, Statis. |
| Canterberry Bell, Campanula. | Hyacinth Bean, Dolichos. | Swan River Daisy, Darchycome. |
| Chinese Pink, Dranthis. | Ice Plant, Mesembryanthemum. | Shasta Daisy. |
| Columbine, Aqualgia. | Indian Shoot, Canna. | Sultan Sweet, Centaurea Imperialis. |
| Cardinal Climber, Cypress. | Joseph Coat, Ameranthus. | Snow on the Mountain, Euphorbia. |
| Cockscomb, Celsoia. | Kenelworth Ivy, Linaria. | Scarlet Blanket, Gillardia. |
| Cherry Pie, Helitrop. | Kutza Vine, Pereraria. | Straw or Eternal Flower, Helicharysum. |
| Cowslip, English Primrose. | Lady Slipper, Balsam. | Sensitive Plant, Mimosa. |
| Chinese Lantern, Physalis. | Larkspur, Delphinium. | Sun Plant, Portulaca. |
| Corn Flower, Centaurea Cyanus. | Love in a Puff, Baloon Vine. | Sunflower, Helianthus. |
| Cup and Saucer, Cobeia Scandense. | Love in a Mist, Negella. | Sweet William, Dianthus Barbatus. |
| Devil in the Bush, Negella. | Madworth, Alyssum. | Tassel Flower, Cacallia. |
| Dusty Miller, Centaurea. | Marguerit Hardy, Anthemus. | Tobacco Flower, Nicotiane. |
| Dutchmanspipe, Aristolocha. | Monks Hood, Aconitium. | Trumpet Flower, Datura. |
| English Daisy, Bellis. | Morning Fringe, Adlumia. | Wall Flower, Cheianthus. |
| Flams Nettle, Coleus. | Morning Glory, Convolvulus. | Wind Flower, Anemone. |
| Floss Flower, Ageratum. | Margaret, Dranthis. | Wool Flower, Kochia. |
| Flowering Maple, Abutilion. | Moon Vine, Ipomia. | Youth and Old Age, Zinnia. |

Insecticides and Fungicides

Prices Subject to Market Fluctuations

Full directions with each package. Poisons and liquids not mailable.

ANT FOOD, MacGREGOR'S—Dust when ants are in evidence. It will kill them. $\frac{1}{2}$ lb. can, 50c.

APHINE—Kills plant lice of every description. A strong nicotine extract. 1 qt., \$1.15; \$3.00 per gal.

APHIS PUNK—A nicotine paper for fumigating. 90c. per box.

ARSENITE OF LEAD—The best of arsinical insecticides; it will not burn foliage. Apply at rate of 1 lb. to 50 gal. of water. 40c. per lb.

BLACK LEAF "40"—A nicotine solution for spraying or fumigating. 1 oz., 35c.; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$11.85.

BORDEAUX—ARSENATE OF LEAD MIXTURE—A very excellent remedy for apple and pear trees, potatoes, melons and cucumbers. It will keep roses free of mildew, black spot and insects of all sorts. 1 lb., 35c.; 2 lbs., 65c.

BORDEAUX MIXTURE (LIQUID)—Add Water—it is ready for use. One quart to 50 gal. of water. For fungous diseases. 1 qt., 60c.; 1 gal., \$1.65.

BORDEAUX MIXTURE (DRY)—For dusting for fungous diseases. Can be used as a spray. 1 lb., 30c.; 5 lbs., \$1.25.

COPPER SULPHATE—Used for early spraying and the making of Bordeaux. 1 lb., 20c.; Prices upon request.

CROW CORN OIL—A non-poisonous oil for protecting newly planted corn. Will not hurt birds. Will run through seeder. 25c. per pt.; 40c. per qt.

CUT-WORM KILLER—Very alluring to cut worms. It is non-poisonous to birds, fowl or animals. Box, 25c.

FIR TREE OIL—Destroys red spider, mealy bugs and aphids. $\frac{1}{2}$ lb., 40c.; 2 lbs., \$1.00.

GRAPE DUST—Kills mildew indoors and out; also mites and molds. 5 lbs., 85c.

HELLEBORE—Destroys insects and worms on currant vines, roses and shrubs. $\frac{1}{2}$ lb., 20c.; $\frac{1}{2}$ pt., 35c.; 1 lb., 60c.

INSECT OR DALMATON POWDER—For fleas, roaches, moths, and ants. 25c. per pkg.

KEROSENE EMULSION (LIQUID)—For plant lice, aphids, etc. 1 qt., 45c.; 1 gal., \$1.25.

LEMON OIL—One of the most highly recommended insecticides for home and greenhouse use. It has a pleasant odor and destroys all insects and soft scales. 1 pt., 60c.; 1 qt., \$1.00; $\frac{1}{2}$ gal., \$1.75.

LIME SULPHUR SOLUTION (LIQUID)—The best known of scales and fungous destroyers. Good on pears and peaches. Use during dormant season. 1 gal., 40c.; \$12.00 per bbl. Special prices on quantity.

LIME-SULPHUR SOLUTION (POWDER)—Used same as above. Dissolves entirely in cold water. 20c. per lb.; \$14.00 per 100 lbs.

MELROSINE—It kills rose bugs. It is a liquid spray. Does not discolor the flower and is non-poisonous. $\frac{1}{2}$ pt., 50c.; pint can, \$1.00; qt. can, \$1.75; $\frac{1}{2}$ gal. can, \$3.25; gal. can, \$6.00.

NICO FUME—Paper made from high-grade nicotine solution. Hang up and light and it will destroy green fly, thrips, and all insects destroyed by tobacco. 24 sheets, \$1.35; 144 sheets, \$5.50.

NICO FUME (LIQUID)—Used for spraying and fumigating. Will kill most insects and scale. $\frac{1}{4}$ lb., 75c.; 1 lb., \$2.25; 4 lbs., \$8.00.

NIKOTEN—Kills aphids, thrip, rosebug, green fly, plant lice, mealy bugs, etc. Bottle, 40c.; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$2.00; 4 lbs., \$6.50.

PARIS GREEN—Used for potato bugs and other eating insects. 40c. lb. box. Prices upon request for larger quantities.

PINOL-LYPTOL—The very newest and quickest method of destroying weeds, grass and other growth in garden walks, gutters, tennis courts, driveways, etc. Use one part to ten or fifteen parts of water and spray just before nightfall. 1 gal., \$1.75; 5 gal. can, \$6.50.

PYROX—A combination of Bordeaux Mixture and Arsenate of Lead, forming thereby a remedy for fungus and leaf-eating insects. Also a remedy against blight on fruit trees, plants and vegetables. 1 lb. pkt., 50c.; 5 lb. pkt., \$1.75; 10 lb. pkt., \$3.00; 25 lbs. pkt., \$6.25.

P. T. B. (PARA-DICHLOROBENZENE)—A successful remedy for peach tree borers. 1 lb. can, 50c.

RAT-BIS-KIT—25c. pkt.; paste, 25c. pkt.

RAT CORN—It petrifies the rat and leaves no odor. It is not poisonous to fowl or beast. 25c. to \$1.00 per pkg.

SCALECIDE—A very good winter spray for scale. \$1.00 per gal.; \$38.00 per bbl., delivered at your station.

SLUG-SHOT—Sure death to the cabbage worm. It destroys all other insects also. 1-lb. carton, 18c.; 5 lbs., 60c.

SULPHUR POWDERED—Used on steam pipes in paste form or for spreading on roses for mildew. 8c. per lb.; \$5.50 per 100 lbs.

TOBACCO POWDER—10c. per lb.; 25 lbs., \$1.75; 100 lbs., \$6.00.

TOBACCO STEMS—Used for fumigating, for covering lawns to furnish ammonia and drive away insects and moles. 5c. per lb.; \$3.00 per 100.

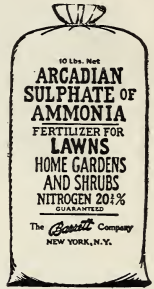
TREE TANGLEFOOT—A sure remedy against caterpillars. Gypsy moths and other insects which climb the trunk of a tree. 1 lb., 50c.; 3 lbs., \$1.45; 10 lbs., \$4.50.

WHALE OR FISH-OIL SOAP—Used during summer as a wash; stimulating to the plant and prevents the spread of fungi. $\frac{1}{4}$ lb., 20c.; 1 lb., 30c.

WEED KILLER—1 qt., 65c.; 1 gal., \$1.65; 5 gal., \$6.50.

WEED KILLER (ATLAS)—Non-poisonous. 1 qt., 75c.; 1 gal., \$2.00; 5 gal., \$8.00.

WORM ERADICATOR—It eradicates worms in greenhouses, or potted plants, also from lawns, tennis courts, etc. 25c. per pkt.



ATLAS

NON-POISONOUS

WEED KILLER

PATENTED



Pyrox

REG. U. S. PAT. OFF. TRADE MARK REGISTERED



25c and 75c Box—Pail of 1000, \$3.50

Mulford Cultures

FOR LEGUMES

Increase Your Crops—Improve Your Soil

FOR SMALL SEEDS

½ bu.	\$0.60
1 bu.	1.00
2½ bu.	2.25
5 bu.	4.00

FOR LARGE SEEDS

1 bu.	\$0.60
2 bu.	1.00
5 bu.	2.25
10 bu.	4.00

Garden Size (Composite Culture for Garden Beans, Garden Peas, Lima Beans and Sweet Peas) \$0.25

To get the best returns from your legume crops, inoculate the seed with MULFORD CULTURES. They increase the yield and improve the quality. More nitrogen is drawn from the air by inoculated legumes than is used by the plant itself, thus they add nitrogen and humus to the soil for the benefit of the succeeding grain crops.

To maintain soil fertility every crop rotation should include legumes. Up-to-date farmers use inoculation. The best are MULFORD CULTURES.

The date on the package is your protection. 84838

When ordering always state kind of seed you wish to inoculate.

**Small Cost
Large Returns
Easy to Use
No Labor Expense**

**FREE DESCRIPTIVE
CIRCULAR
ON REQUEST**

High Grade Fertilizers

Special Prices on Application on Two-Ton Lots and Upward

F. O. B. Factory, Special Prices

Prices Subject to Market Variations

- PURE GROUND BONE**—This is strictly a bone fertilizer. 5c. per lb.; 25 lbs., \$1.00; \$3.25 per 100 lbs.; \$60.00 per ton. 4-23.
- HIGH-GRADE TRUCK AND CABBAGE FERTILIZER**—Especially for rushing a vegetable crop. 6c. per lb.; 25 lbs., \$1.25; 100 lbs., \$3.50; \$58.00 per ton. 8-85.
- TOP DRESSING**—Especially good for rushing a hay crop. 10c. per lb.; 25 lbs., \$1.50; \$5.00 per 100 lbs.; \$100.00 per ton. 20-3-0.
- FARMER'S HIGH-GRADE POTATO FERTILIZER**—Very highly endorsed by potato growers. 5c. per lb.; 25 lbs., \$1.00; \$3.50 per 100 lbs.; \$44.00 per ton. 4-8-6.
- CORN AND SWEET POTATO FERTILIZER**—5c. per lb.; 25 lbs., 90c.; \$3.75 per 100 lbs.; \$36.00 per ton. 2-8-5.
- STEAM BONE**—A good, quick-acting fertilizer with long duration in soil. 5c. per lb.; 25 lbs., \$1.00; \$3.00 per 100 lbs.; \$40.00 per ton. 3-23;
- GRANULATED BONE**—This is moderately fine and adapted for high fertilizing purposes. This bone is of very fine quality. 8c. per lb.; \$5.50 per 100 lbs.; \$70.00 per ton.
- FOOD FOR FLOWERS**—A fertilizer made specially for flowers. It is almost free from odor and clean to handle. It produces a healthy luxurious growth and induces early and profuse flowering. A book on Treatment of Plants and Directions for use of Food is given with every box of food. Pkg., 40c.; sufficient for 15 plants per year.
- LIME-LIMOID, HYDRATED**—For vegetable garden and lawn. 10 lbs. spread 10x10; 100 lbs., 20x50. Prices, 10-lb. bag, 25c.; 25-lb. bag, 50c.; 50-lb. bag, 65c.; 100-lb. bag, \$1.25.
- WOOD ASHES**—Pure ashes; fine for top dressing for clover lawn; no adulteration. \$2.75 per 100 lbs.; \$35.00 per ton. \$30.00 per ton.
- SHEEP MANURE**—One of the best fertilizers for aiding the growth of plants. 5c. per lb.; 25 lbs., \$1.00; \$3.25 per 100 lbs. \$30.00 per ton.
- OYAMA**—Plant Food. Makes plants grow, it is wonderful for all kinds of plants, palms, ferns, berries, vegetables, etc. It is odorless. Small pkt., 30c.; large pkt., \$1.10; ¼ acre size for peas, sweet peas, beans, 50c. 1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00.
- HUMUS**—A highly fertile Earth, excellent to incorporate with poor soils, either to heavy or sandy soil. 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00.
- LAWN FERTILIZER**—Specially prepared for lawn and grass pasture. It produces a rich green color grass. 6c. per lb.; 10 lbs. 50c.; 25 lbs., \$1.00; 100 lbs., \$3.75; ton, \$55.00.
- NITRATE OF SODA**—8c. per lb.; 25 lbs., \$1.75; 100 lbs., \$5.50; ton, \$85.00.
- STIM-U-PLANT**—For house plants. 30 tablet pkg., 25c.; 100 tablet pkg., 75c.
- BOWKER'S ODORLESS LAWN AND GARDEN FERTILIZER**—10 lb. can, \$1.00.

Delivery charges on all Fertilizer and Lime in ½ or 1 ton lots outside of city at rate of \$3.00 per ton or ½ ton.

GRASSELESS PLANT FOOD
Odorless
makes
Thick, Velvety Grass

A balanced ration, containing all the essential elements of plant life, in forms easily assimilated. Also for gardens, shrubs and trees. In 5, 10, 25, 50 and 100 lb. bags, at

Also in 1 lb. Packages

GRASSELESS GRADE
A Standard Held High for 89 Years

GRASSELESS PLANT FOOD
Odorless
Gives You
An Earlier Garden

Makes your plants grow, like magic—gorgeous flowers and crisp, succulent vegetables. Equally good for lawns, shrubbery and trees. In 5, 10, 25, 50 and 100 lb. bags, at

Also in 1 lb. Packages

Dealer's Name and Address

GRASSELESS GRADE
A Standard Held High for 89 Years

25 lb. \$1.75; 50 lbs. \$3.00; 100 lbs. \$5.00



1 lb. 60c; 3 lb. \$1.45; 5 lb. \$2.75

Scientific Preparations Endorsed by Leading Rosarians and by Us

Fungitrogen
 FUNGICIDE FERTILIZER

Conquers Mildew and Black-Spot on roses and diseases of other plants. Assures luxuriant foliage and bloom.

1/2 pt. \$0.75	1/2 gal. \$3.50
Pt. 1.25	Gal. 6.00
Qt. 2.00	

Aphistrogen
 APHIDICIDE FERTILIZER

Destroys Aphids, and all Plant-Lice. Feeds the plant through the foliage. Splendid for house plants.

2 oz. (sample bottle) \$0.50	1 lb. (pint) \$2.25
1/2 lb. (1/2 pt.) 1.25	2 lbs. (quart) 3.50
	12 lbs. (1 1/2 gals.) 15.00

Insectrogen
 TRIPLE SERVICE
 FERTILIZER INSECTICIDE FERTILIZER

A remarkably effective insecticide that rids your roses and plants of leaf-chewing insects, including caterpillars, slug worms, Japanese beetle, etc., and many blights. Also fertilizes the plant through the foliage. Use alternately as a companion spray with Fungitrogen. Both carry their own spreader. Only water is required.

4 oz. \$0.60	Quart \$2.75
1/2 pt. 1.00	1/2 gallon 4.50
Pint 1.75	1 gallon 8.00

All these sprays are highly concentrated, making 60 times their volume when diluted with water.

Ferogen
 GROUND DRESSING
 SOIL STABILIZER AND FERTILIZER

Spring-Summer Ground Dressing and Ground Stabilizer. A valuable plant-food. Reinforces manure fertilizer. Supplies essential elements to the soil.

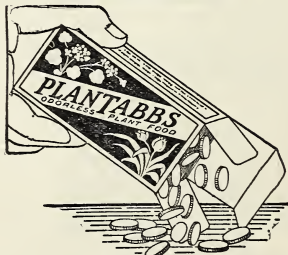
1-lb. tins \$0.75	10-lb. tins \$4.75
2-lb. tins 1.25	25-lb. tins 11.00
5-lb. tins 2.75	100-lb. kegs 40.00

Terogen
 GROUND DRESSING
 AUTUMN-WINTER GROUND DRESSING

Autumn-Winter Ground Dressing and Soil Disinfectant. Destroys the spores of fungi of most diseases. Kills the larvae of insects, such as rose-pith, borer, rose bugs, Japanese beetle, aphids, and ants. A valuable fertilizer.

1-lb. tins \$0.75	10-lb. tins \$4.75
2-lb. tins 1.25	25-lb. tins 11.00
5-lb. tins 2.75	100-lb. kegs 40.00

NOTE—A 10-pound tin of Ferogen or Terogen is sufficient for one application for 30 to 50 rose bushes.



25c, 50c, \$1.00, \$3.50



SEED DISINFECTANTS

Control Seed-borne Diseases of Farm Crops
Stimulate Germination - Improve Stands
Generally Produce Increased Yields of Higher Quality

CERESAN

for seed treatment of small grains



Ceresan has proven effective in controlling such seed-borne diseases as bunt or stinking smut of wheat; stripe disease of barley; loose and covered smuts of barley and oats and covered kernel smut of sorghum. It is the only dust treatment which has successfully controlled these destructive grain diseases. Ceresan does not injure the seed nor the grain drill. Only 2 oz. of Ceresan required per bushel of wheat, rye or sorghum and 3 oz. for barley and oats. Easy to apply, economical to use.

PRICES	
8 oz.	\$.50
1 lb.	.75
5 lbs.	3.00
25 lbs.	12.50
100 lbs.	49.00
300 lbs.	144.00

SEMESAN BEL

for seed white and sweet potatoes



Simply mix, dip, drain, dry and your seed potatoes are ready for planting. Semesan Bel may be used on either whole or cut seed pieces. Semesan Bel effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Du Bay Semesan succeeds the products sold as Du Pont Semesan Bel and Bayer Dipdust.

PRICES	
4 oz.	\$.50
1 lb.	1.75
5 lbs.	8.00
25 lbs.	31.25
100 lbs.	120.00
300 lbs.	345.00

SEMESAN JR.

for seed field and sweet corn



Semesan Jr. is especially effective in controlling seed-borne infections of diplovia, Gibberella and Basiporium, without harming the seed embryo in the least. Its use protects the seed from rotting in the ground and makes possible earlier planting which generally results in increased yields. Improved germination, better stands, control of certain diseases, increased yields are the benefits which thousands of farmers are reaping, at a cost of less than 3c. an acre. Succeeds the products sold as Du Pont Semesan Jr. and Bayer Dust.

PRICES	
4 oz.	\$.50
1 lb.	1.75
5 lbs.	8.00
25 lbs.	31.25
100 lbs.	120.00
300 lbs.	345.00

SEMESAN

for flower and vegetable seeds

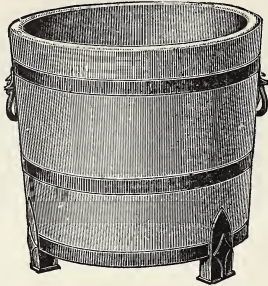


Semesan may be applied in dust or liquid form to the seed before planting. It is harmless to the seed but deadly to disease organisms that may be on the seed. Semesan is such a powerful and effective disinfectant that seed treatment with it is ridiculously low in cost, ranging from 1/4c. to 1c. per pound of seed. One ounce treats 15 lbs. of seed. Effective in controlling damping off and such devastating gladiolus diseases as hard rot and scab. Du Bay Semesan succeeds the products sold as Du Pont Semesan and Bayer Uspulun.

PRICES	
2 oz.	\$.50
1 lb.	2.75
5 lbs.	13.00
25 lbs.	56.25
100 lbs.	220.00
300 lbs.	645.00

Du Bay Seed Disinfectants, like many agricultural chemicals, are poisonous in nature and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.

Treat All Seeds Before Planting with Du Bay Disinfectants



PLANT TUBS

(Prices Subject to Change)

CEDAR TUBS, REGULAR RICHMOND STYLE

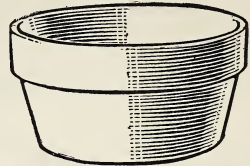
Made of fine white cedar, with heavy cast feet and handles, and heavy flat-steel hoops. Tub painted green, hoops and feet black.

Size	Outside Diameter	Depth	Price
No. 0.....	24 inches	24	\$14.00
No. 1.....	23 inches	22	12.50
No. 2.....	21 inches	20	11.25
No. 3.....	18 inches	18	9.10
No. 4.....	16½ inches	16	7.35
No. 5.....	14 inches	14	6.60
No. 6.....	12 inches	12	5.25
No. 7.....	11 inches	10	4.65
No. 8.....	10 inches	9½ in.	4.00

RICHMOND STYLE TREE TUBS

The tubs are made of white cedar, bound with flat steel hoop at bottom and three galvanized hoops above. Nicely painted green.

Size	Inside Diameter	Depth	Price
No. 1.....	6 in.	6 in.	\$0.65
No. 2.....	7 in.	7 in.	.70
No. 3.....	8 in.	8 in.	.75
No. 4.....	9 in.	9 in.	.85
No. 5.....	10 in.	9 in.	.90
No. 6.....	11 in.	10 in.	1.15
No. 7.....	12 in.	11 in.	1.35
No. 8.....	13 in.	12 in.	1.80
No. 9.....	14 in.	13 in.	2.00
No. 10.....	15 in.	14 in.	2.15
No. 11.....	16 in.	15 in.	2.60
No. 12.....	17 in.	16 in.	3.00
No. 13.....	18 in.	18 in.	4.00
No. 14.....	19 in.	18 in.	4.20



FLOWER POTS, SAUCERS, PANS AND TUBS

STANDARD FLOWER POTS—Full inside measurement. No charge for packing. Six at dozen rate, 50 at 100 rate. 500 at 1000 rate. Prices on application.

POTS AND PANS

Sizes	Each	Dozen	100
2 -inch	\$0.02	\$ 0.20	\$ 1.20
2¼ -inch	.02	.20	1.25
2½ -inch	.02	.25	1.50
3 -inch	.03	.30	1.75
3½ -inch	.04	.40	2.25
4 -inch	.05	.50	2.75
4½ -inch	.06	.60	3.50
5 -inch	.07	.75	4.75
6 -inch	.12	1.25	7.50
7 -inch	.18	1.65	12.00
8 -inch	.25	2.35	17.50
9 -inch	.35	3.60	27.00
10 -inch	.50	5.00	36.00
11 -inch	.75	7.50	54.00
12 -inch	1.00	10.00	75.00
14 -inch	1.50	15.00	120.00



SPIGOTS—Wood. 12c. to 30c.

SPAGNUM MOSS—\$3.50 bale.

STAKES, PLANT (Round)—Painted.

STAKES, PLANT (Square)—Painted.

DOWELS, Plain.

We also carry **Bamboo** and **Hyacinth** stakes.

SCISSORS—Rose shears, grape trimming, grape and flower gathering. 60c. to \$2.00.

SIEVES—Heavy, for garden, etc. \$1.65.

ONE- AND TWO-MAN CROSS-CUT SAWS—

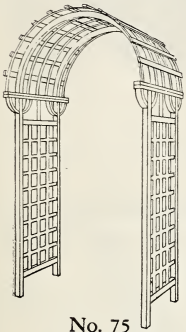
In all sizes and various prices. \$1.50 to \$9.00.

SCALES—Platform, House, Butcher, Butter, Ice, Milk, etc. \$1.00 to \$36.00.

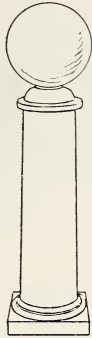
SCYTHES—We are the only merchants in the city who import scythes direct from Austria. We carry a large assortment of blades for all purposes. Also American and English makes. Brush, Grass, Bramble. \$1.35 to \$2.25.

Yard and Garden Furniture

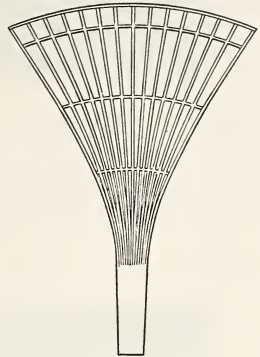
OF THE BETTER KIND
DESCRIPTION AND PRICES



No. 75
Rose Arch



No. 290
Gazing
Globe

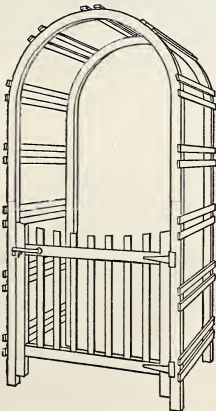


No. 55
Rose Trellis

No. 290 Gazing Globe is bewitching in its reflected panoramas. Price complete with pedestal and 12 inch globe, \$22.00; with 14 inch globe, \$26.00.

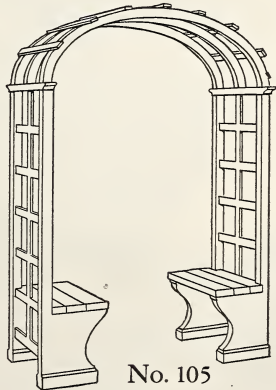
No. 75 Rose Arch is a popular type of real beauty. It has a width of 4 feet and a depth of 2 feet. Price, \$34.00.

No. 55 Rose Trellis is made in two sizes: 7 feet high, over all, with 10 ribs and top spread of 4 feet, and 8 feet high, over all, with 15 ribs and top spread of 6 feet. Price, 7 feet height, \$6.00; 8 feet high, \$10.00.



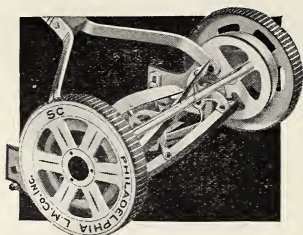
No. 166 Arched Gateway

No. 166 Arched Gateway with Gate, \$29.00.



No. 105
Arbor Seat

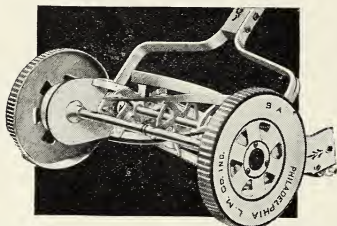
No. 105 Arbor Seat, \$50.00.



THE NEW PHILADELPHIA ALL STEEL S. C. MOWER

is a new pressed steel product something entirely new. Has no pawls or pinions, makes no noise when running, internal gear drive. Do not fail to see this mower before buying any other kind.

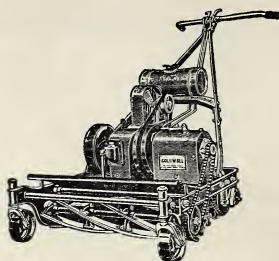
15".....	\$20.00
18".....	22.00



ANOTHER NEW PHILADELPHIA ALL STEEL S. A. MOWER

The finest type of lawn mower that was ever made by this old reliable Philadelphia Lawn Mower Co. Just a look and your decision is made.

15" Size.....	\$27.00
18" Size.....	31.50
21" Size.....	36.00



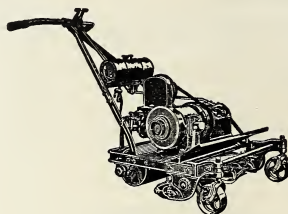
COLDWELL "L" JUNIOR

Another high grade Coldwell power motor. 25" cut, 1½ H.P. motor. \$255.00, f.o.b. factory.

COLDWELL "L" TWIN

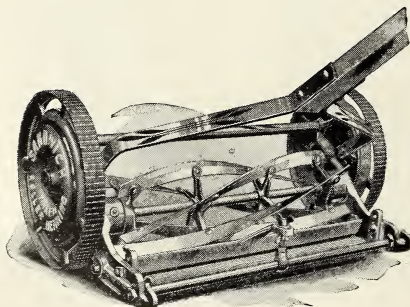
25" cut with twin cylinder motor. Units can be attached to make this cut 60". Nearly 3 H.P. motor. Nothing better can be had for a large lawn. \$335.00, f.o.b. factory.

The same type of mower with 30" cut, 5 H.P. motor. Called the Twin 30. \$385.00, f.o.b. factory. Cuts can be attached to this mower to make 72" cut. Just the mower for a very large estate.



COLDWELL "CUB"

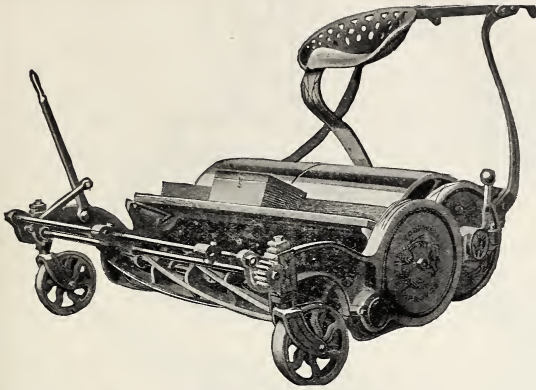
An ideal small type of power mower. Just the thing for a small place. 1½ H.P. engine. 21" cut, \$195.00, f.o.b. factory.



THE SANDWICH TIMKEN ROLLER BEARING LAWN MOWER

11" wheels. A real husky mower for hard usage.

16".....	\$19.50
18".....	20.50
20".....	22.00

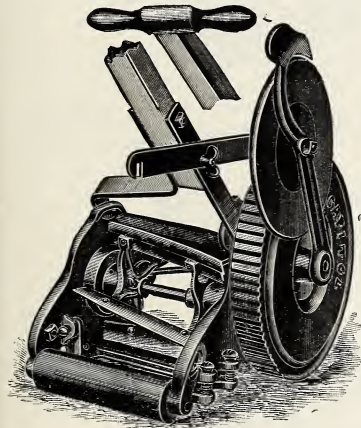


COLDWELL'S IMPROVED HORSE LAWN MOWER

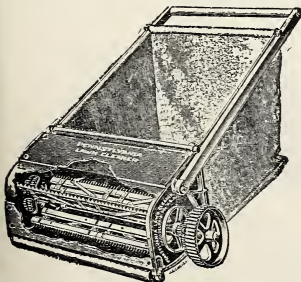
It is acknowledged to be the best horse mower on the market. It is acknowledged as the standard of quality, being in many parks and golf links. This mower is complete with seat, shaft and side draft attachment and can be had with either four or six blades in the revolving cutter. Price, \$125.00.

ELECTRIC LAWN MOWER

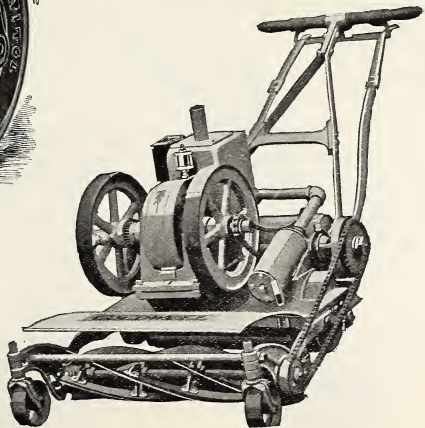
\$185.00 F. O. B. Factory. Ask for catalogue. A perfect mower for small or medium size lawns. Plugs in any lamp socket.



Lawn Trimmer



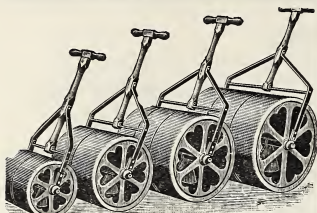
Lawn Cleaners \$30.00, \$35.00



Model "R" \$260.00

MODEL "R"

The old standby. 1½ H.P. motor, cone clutch drive. \$260.00, f.o.b. factory.



Rollers, Prices Follow

ROLLER BEARING LAWN ROLLER

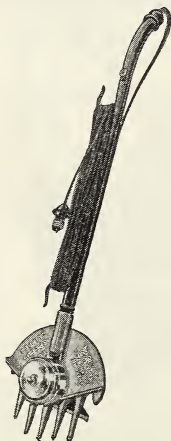
Winter thawing and freezing heaves the ground and loosens the roots of the grass, the roller packs it back and preserves. Constant rolling eradicates moles. In offering you this roller bearing lawn roller we do so with the utmost confidence in it for easy draft, light weight and durability.

No.	Dia. Inches	Sect.	Lbs.	Price
504	20 x 20	2	250	\$26.00
507	20 x 24	2	300	32.00
509	24 x 20	2	400	42.00
511	24 x 24	3	500	46.00

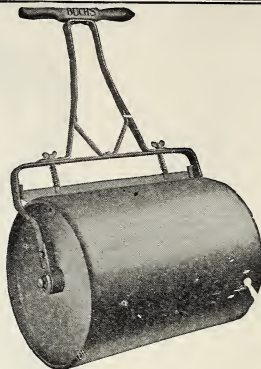
Less 10% cash discount.

RUBBER HOSE

For lawn, garden and street use. We carry a complete line of hose in all lengths, the best grades that will give good service and which we know will give satisfaction. Our best grade hot-house hose will last for years. Different grades, 12c., 14c., 16c and 18c per foot. All made in Treneon.



Do not fail to see and have demonstrate the new Electric Hi-Speed Hedge Trimmer it is the greatest trimmer you ever saw. \$45.00.



WATER BALLAST ROLLER

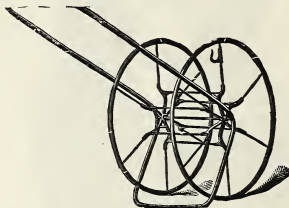
Water ballast lawn roller. With this roller you can vary your weight as desired, all the way from 90 lbs. to 800 lbs.

No.	In.	Sect.	Lbs.	Price
602	18 x 24	85	330	\$19.50
603	24 x 24	100	440	22.50
604	24 x 32	135	599	24.50

PLAIN BEARING

605	14 x 24	60	250	\$14.50
606	18 x 24	95	330	16.50

10% cash discount.



Hose Reel, Prices Follow

HOSE REELS

A garden which requires fifty foot of hose also requires one of our all-iron hose reels. They are light, durable and frictionless and will not tip over. No. 10, 21-inch wheel, holds 100 ft. 3/4" hose. No. 20, 24-inch wheel, holds 200 ft. 3/4" hose. No. 30, 30-inch wheel, holds 500 ft. 3/4" hose. Iron, \$3.35 and up; Wood, \$1.50 and up.

COPPER HOSE MENDER

Can not come off. 10c. each.



Hedge Trimmer

HEDGE TRIMMER—LITTLE WONDER

Excellent machine for cutting new growth of hedges.

30" Cutting Bar	\$25.00
40" Cutting Bar	27.50
30" Cutting Bar with Wheel	29.50

LAWN MOWERS

All Prices Subject to Change With Market Conditions

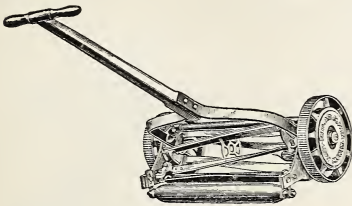
We carry the largest and finest assortment of lawn mowers in the city. Do not fail to see our line before selecting a mower for your lawn.

Pennsylvania Standard

The Pennsylvania high-wheel, compound-gear lawn mower is universally recognized as the standard by which all other mowers are measured. It will last longer, cut easier and do more work than any other mower on the market. Price, 15 in., \$27.00; 17 in., \$30.50; 19 in., \$34.50; 21 in., \$38.50. Do not confuse this mower with any other style of Pennsylvania mowers.

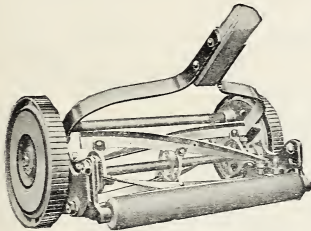
The Coldwell Line

The Coldwell line of mowers has been on the market for the last fifty years. This company permits nothing but the best material and workmanship to enter into its mowers. We will warrant any mowers from this line to give satisfaction.



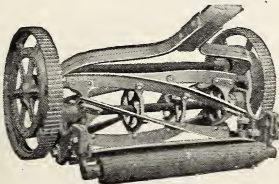
"CADET"

It is a low-priced mower with full money value. This mower we will guarantee to do good service at a cost of little above the poor mowers so freely put out. Price, 12", \$6.75; 14", \$7.25; 16", \$7.75.



"COLONIAL"

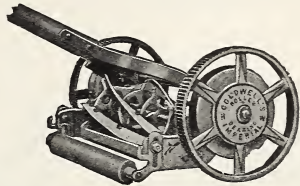
It meets the demand for a ball-bearing machine within the reach of all. The workmanship on this machine is fine. Wheels, 8 in. 12", \$9.25; 14", \$9.75; 16", \$10.25; 18", \$11.00.



"AMBASSADOR"

The best medium grade mower built. Full Roller bearing. 6", \$13.50; 18", \$14.75.

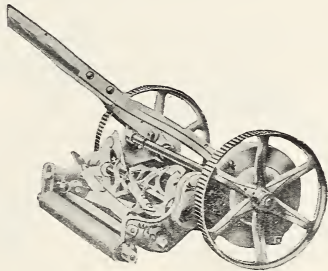
SPECIAL MOWERS FOR PUTTING GREENS, Etc.—When in the market for a putting green mower or motor lawn mower, or any special design of machine, come to Ribsam's for we either have it or will get it for you. Prices on application.



"IMPERIAL"

Hyatt Roller Bearing

It is made of the best material obtainable, and is equipped with all the latest devices such as the patent reversible channel-shaped bottom knife, etc. This mower has a 10 1/4 in. wheel and is a pleasure when in use. 14", \$17.25; 16", \$18.50; 18", \$19.75; 20", \$21.00.



"COLDWELL PARK"

It is the best ball-bearing lawn mower on the market because the ball-bearings are in the drive-wheels, thus carrying the weight of the machine and lightening the draft. This mower carries five knives with the simplest adjustment made and 10 1/4 in. wheels. Price, 14", \$18.50; 16", \$20.00; 18", \$21.75; 20", \$22.50.

COLDWELL'S LAWN TRIMMER

It is made to meet the demand for a machine to get close to buildings, etc., and cut the grass. Price, \$10.50.

"LAKEWOOD"

It is a medium-priced ball-bearing mower. It is a good seller and has many good features. Price, 14", \$10.75; 16", \$11.75; 18", \$12.75.

SPRAY TOOLS

Prices on Applications

Spraying has now become a necessary adjunct to the production of good crops, whether it be fruit, vegetables or flowers. We have in stock and ready for delivery with any size pump from that used in a bucket to large hydraulic and power outfits in the **Myers, Field Force Pumps** makes.

Send for special catalogue on large outfits and spraying information.

MEYERS LINE

Little Giant Brass Spray Pump—For general use and white-washing \$4.30.

Imperial Brass Pump—For general use; with three cylinders \$4.00.

Peerless Bucket Spray Pump—Complete with hose and two nozzles. Brass, with three cylinders \$4.00.

Defiance Bucket Spray Pump—Brass, with hose and graduating Vermoral nozzle, fine, coarse spray and soild stream \$7.00.

Perfect Knapsack Spray Pump—Fully equipped, in galvanized tin, and brass \$12.50 to \$18.00.

Whitewash Sprayer—Complete with agitator, extension and nozzle \$13.00.

Improved Brass Barrel Spray Pump—Complete with hose and nozzle. \$19.50.

Cog-Gear Hydraulic Spray Pump—Pump with suction hose complete, two lead hose, pipe extension and nozzle \$54.00.

Double-Acting Cog-Gear Spray Outfit—Fifty-gallon barrel mounted horizontally on skids, complete with 15 feet of $\frac{1}{2}$ inch hose and extension \$28.00.

Duplex Cog-Gear Hand Spray Pump—Complete with pump alone, double acting and vertical cylinder \$19.25.

MECHLING'S LIME-SULPHUR SOLUTION

In Barrels or by the Gallon

MECHLING'S SPRAY OILS, PRATT'S SCALECID

In Barrles or by the Gallon. Ask for prices at once.

SPRAY NOZZLES AND EXTRAS

Vermoral Sprayer—This is a French Knapsack sprayer. It works on the compressed air principle, is very simple on construction; made of copper and holds five gallons. It is absolutely the finest sprayer on the market today. Price, \$25.00.

All styles—Vermorel, Bordeaux and Cyclone nozzles. Price, 35c. to \$3.25

Power and Hand Nozzles—40c. to \$1.35.

Pipe Extensions—75c., 8 ft. long.

Bamboo Extensions—\$2.00 to \$3.25; 8 and 10 ft. long.

Auto-Sprayer—Brass, with hose and two nozzles. Galvanized. \$6.00 to \$9.00.

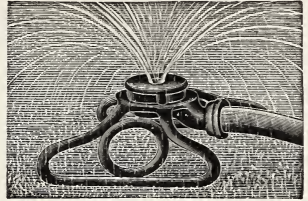
Banner Sprayer—Brass, hose and two nozzles. \$6.50.

Syringes or Atomizers—Tin, small; glass, galvanized, with compression Price, 35c. to \$1.25.

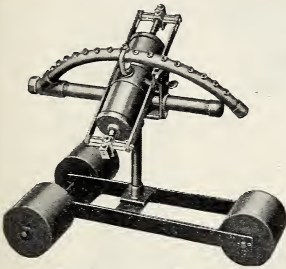
Lawn and Garden Sprinklers and Sprayers



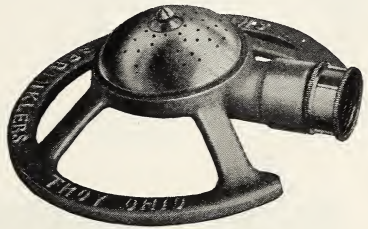
Ossilating \$15.00 and \$18.00



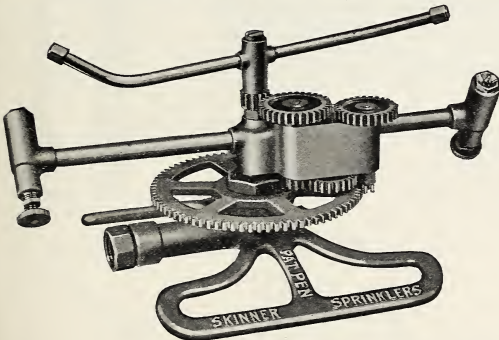
Fountain \$1.25



Marsh Ossilating \$35.00



Adjustable 90c



Skinner Sprinkler \$15.00

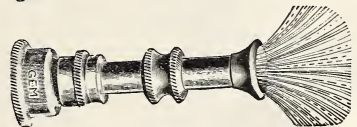
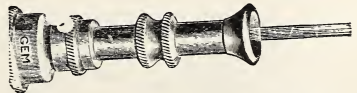


Ring Sprinkler 75c

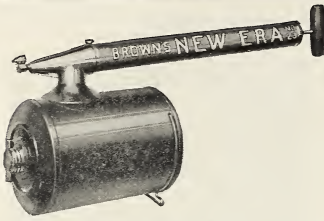
BROWN'S
Adjustable and Variable
Whirling Showers
LAWN SPRINKLER



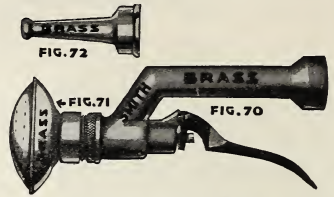
Whirling Showers \$3.50



Gem Sprinkler 75c



New Era, \$3.00



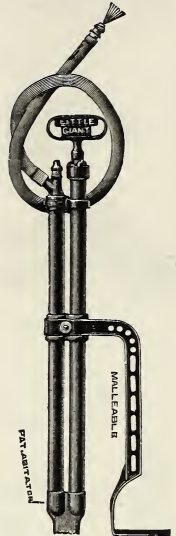
Hose Spray Nozzle, \$1.25



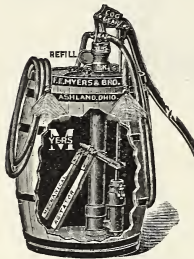
Armstrong Sprayer, \$6.50



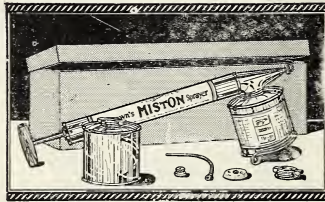
Brown, 75c



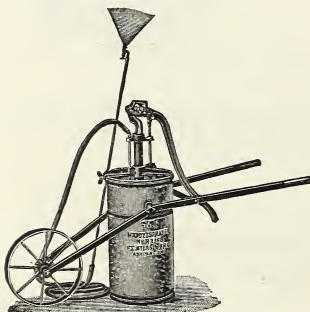
Myers Bucket, \$4.50



Barrel Spray Complete 15 ft. Hose, Pipe, Nozzels, etc., \$30.00



Miston, \$1.50 to \$2.00



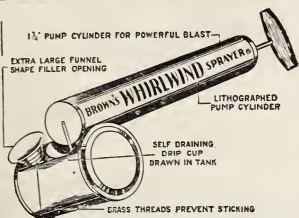
12 Gallons on Wheels, \$22.50



Auto Sprayer, \$6.50 to \$9.00



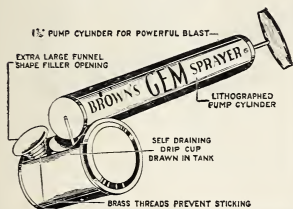
White Wash Sprayer, \$9.00



Whirlwind \$1.25

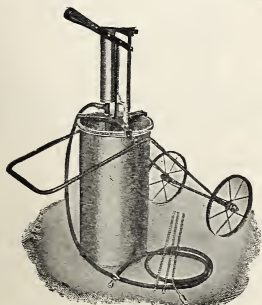


Sprayers \$6.00 to \$9.00



Dusters \$1.25

Sprayers 35c to \$1.00



Paragon Sprayer on Wheels, the best White-wash Sprayer made, \$25



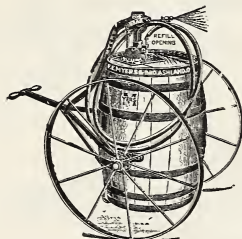
Acre Hour Duster, \$1.00



Slug Shot, 60c, 5 lbs.; 18c 1 lb.

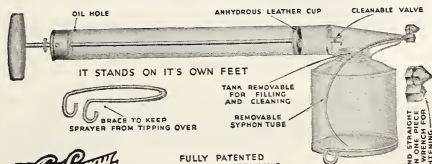


Duster, \$1.25



Barrel Spray, \$20; on wheels, \$30

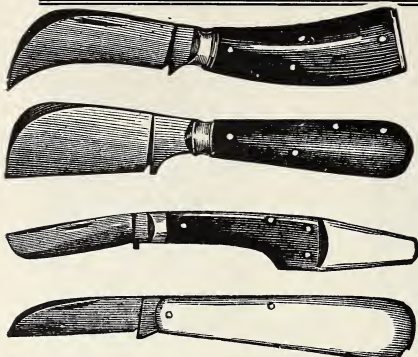
It Sprays Continuously



FULLY PATENTED AND PATENTS PENDING

ANGLE AND STRAIGHTNESS WHICH ACTS AS A CHECK FOR TIGHTENING

Sprayer \$1.25 to \$2.00



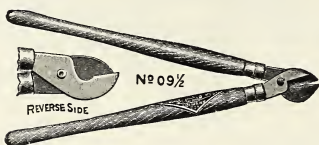
Pruning Knives, 75c to \$2.50



Pruning Shears, 65c to \$3.50



Grass Shears, 65c to \$3.50



Lopping Shears, \$1.50 to \$4.50



Hedge Shears, \$1.75 to \$4.50



Wet Stones, Pikes, 15c to 35c



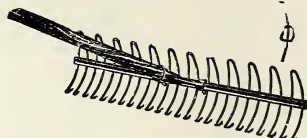
Sickles, 65c to 75c



Brush and Grass Scythes
\$1.35 to \$2.50



Snath and Scythe, \$3.00 to \$4.35



Wire Lawn Rakes, \$1.00 to \$1.50



Tree Scrapers \$1.50



Pruning Saws, \$1.75 to \$4.00



Garden Trowels, 15c to 90c

TREE PRUNERS OF VARIOUS KINDS & LENGTHS



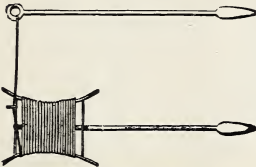
House Thermometers, 50c to \$1.50



Dairy Thermometer, 35c to 75c



Register Thermometer, \$5.50



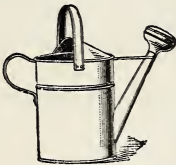
Garden Reel and Line.

Garden Reel, \$1.50 to \$3.00

Length of Barrel, 18 in., diameter, 1 1/2.



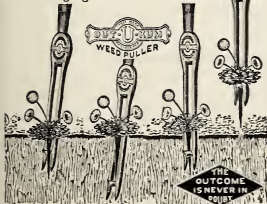
Garden Syringe, \$3.50 to \$9.50



Galvanized Watering Pot, 60c to \$2.25

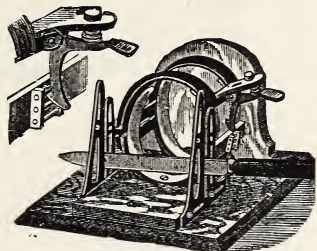
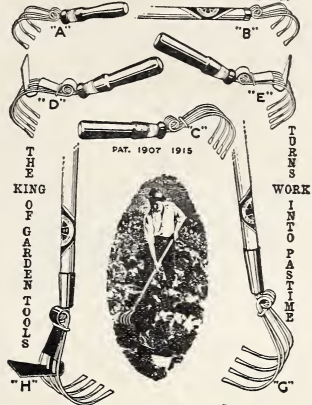
The "OUT-U-KUM" WEED PULLER
An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the ENTIRE ROOT, with little or no clinging soil.



75c to \$1.25

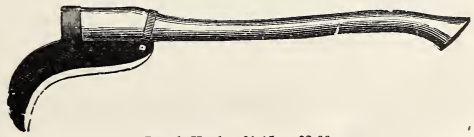
REICHARD'S COMBINATION SPRING-TOOTH Magic Weeder Hoos



Acme Asparagus Buncher, \$4.50
Hightstown Asparagus Buncher, \$8.50



Asparagus Knives, 35c



Brush Hooks, \$1.65 to \$2.00



"BROOM-RAKE"
TRADE MARK
PAT. APPLIED FOR

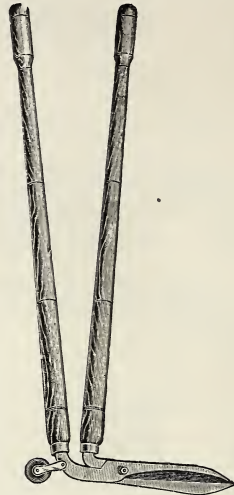
Prices 50c to \$1.65



Digging Fork
\$1.35 to \$2.25



English Digging Fork \$2.75



Edging Shears, \$1.00 to \$4.75



Long Handle Sickle \$1.25



Hay Knife, \$1.75



Garden Hoes, 50c to \$1.25



Axe Handles, Hickory, 40c, 50c



Stub Hoes, \$1.65 to \$2.00



Square Point Shovel, \$1.35 to \$2.50

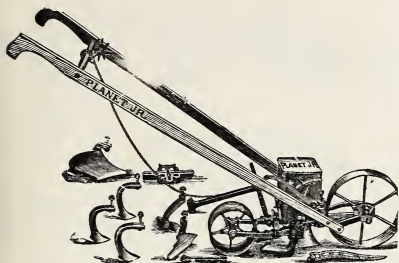


Brier Hook, \$1.25



Walk Edger, \$1.25

PLANET JR., FARM AND GARDEN TOOLS



No. 4 PLANET, Jr., HILL AND DRILL SEEDER, AND SINGLE WHEEL HOE

The best combination of hill and drill seeder and single wheel hoe on the market today. More of them in use than any other. Sows all seeds in drills, at the proper depth and thickness and drops in hills, 4, 6, 8, 12 or 24 inches apart. Cultivating attachments enable one to do all the necessary garden plowing, furrowing, hilling and general cultivation. \$18.00

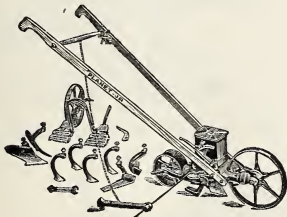
No. 4-D SEEDER ONLY

Hill and drill seeder only; works just like the No. 4, but has a capacity of three quarts. \$14.25.

No. 3 HILL AND DRILL SEEDER, \$17.50

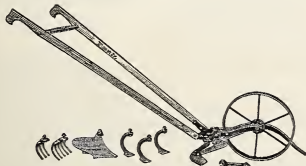
No. 5 HILL AND DRILL SEEDER, \$20.00

The same, except that it has a capacity of five quarts.



No. 25 PLANET Jr., HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, \$21.50

Hundreds of Planet Jr. users call this the "complete gardener." Sows all seeds in drills and drops in hills as explained under the No. 4. Used as a double wheel hoe, it is possible to work both sides at one time. After that the single wheel hoe permits cultivation on both sides of the row and in the middles. The cultivating attachments do all the necessary plowing, furrowing, hilling and general cultivation in the garden.



No. 16 PLANET Jr., SINGLE WHEEL HOE

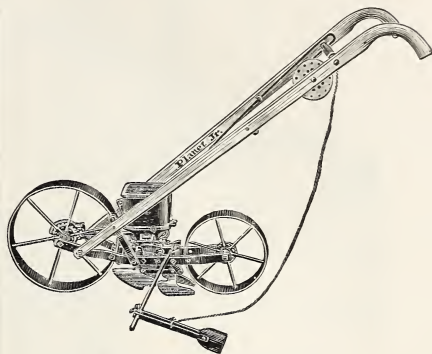
Will do practically the same variety of work as the double wheel hoe, but is lighter. Equipment consists of garden plow, three steel cultivator teeth, pair of six-inch hoes, and 7-inch rakes. \$9.50.

No. 17 PLANET Jr., SINGLE WHEEL HOE

Same as the No. 16, except the rakes are not included with the attachments. \$7.75.

No. 17½ SINGLE WHEEL HOES

Same as the No. 17, except the plow is not included. \$6.75.



THE NEW PLANET JR. No. 00 DRILL

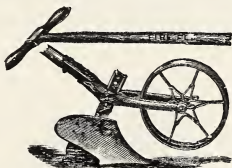
Is something all market gardeners and small planters are looking for something entirely different. Price \$20.00

No. 12 PLANET Jr., DOUBLE AND SINGLE WHEEL HOE COMBINED, \$10.75

A very popular combination of Double and Single Wheel Hoe. Many customers write that they would not do without it for a great many times its cost. Rows can be straddled until the plants are 20 inches high, cultivating both sides at one time. Cultivating attachments permit you to do all the necessary work in the garden.

No. 13 PLANET Jr., DOUBLE AND SINGLE WHEEL HOE

Same as the No. 12, except the equipment consists of only the six-inch hoes, the most useful attachments, and all that are desired by some onion growers and others. \$8.25



FIRE FLY PLOW

With this tool you can open and close furrows, hill up plants, and cultivate the garden in general. \$4.00.

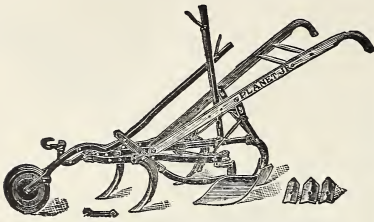


No. 90-D PLANET Jr. 12-TOOTH HARROW

The tool that strawberry and vegetable growers insist on getting. The teeth leave the ground in the finest condition. Tool is light and adjustable for all conditions. Hand levers regulate both width and depth. The tool expands to 32 inches and contracts to 12 inches. Steels are one and one-quarter inches wide and wear well. \$11.75

ALL PLANET, JR., TOOLS, 10% CASH DISCOUNT OF LIST PRICES

PLANET JR. TOOLS

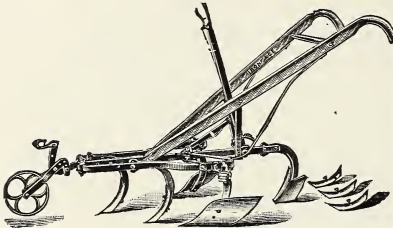


No. 9 PLANET Jr. HOE AND HOSE CULTIVATOR

In use throughout the civilized world. A wonderful tool and just like the No. 8, except the depth regulator is not included \$15.00.

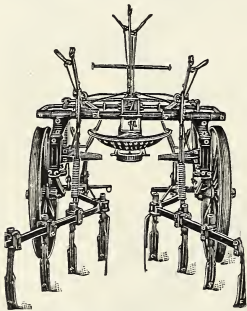
No. 9 PLAIN CULTIVATOR

Equipment: four 3-inch by 8-inch cultivator steels; one 4-inch by 8-inch cultivator steel; one lever expander. \$10.75.



No. 83-D PLANET Jr., 7-TOOTH CULTIVATOR

Equipment: seven 2¼-inch by 8-inch cultivator steels; lever expander. \$14.25 with wheel. \$12.25 no wheel.

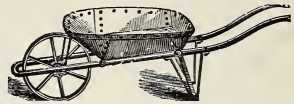


No. 77-D PIVOT WHEEL RIDING CULTIVATOR \$79.00

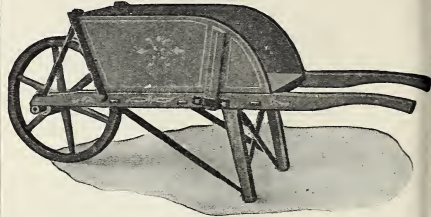
No. 76-D PIVOT WHEEL RIDING CULTIVATOR

No. 76 is a very popular riding cultivator, and needed by any farmer who cultivates from ten to hundreds of acres. Extra wide arch is 34 inches high; will work corn safely up to four feet. The frame and tongue are steel. The pivot wheels change in width easily to suit all rows from 28 to 48 inches, and they make guiding a pleasure. Malleable pivots and steel axles, both practically dust-proof. A very comfortable spring seat is added. Equipment consists of eight 2¼-inch by 10-inch cultivator steels; Spring Life; 7-inch plows, 8-inch shovels, 14-inch discs and other Planet Jr., attachments can be added whenever desired. \$70.00.

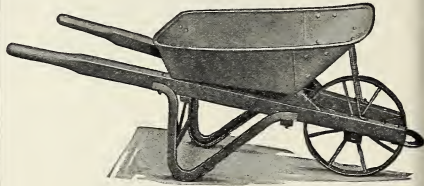
All Planet Jr., Tools 10% discount for cash.



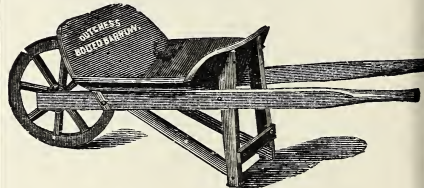
Tubular Steel, \$7.50 to \$12.00, According to Size



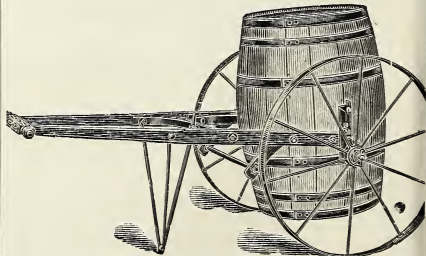
Garden Barrow, \$5.50 to \$9.50, Different Sizes



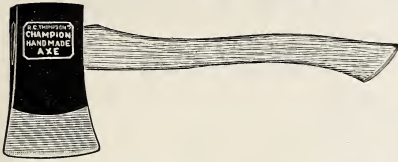
Contractor's Steel Tray Barrow, \$7.50



Dirt Barrows, \$3.75 to \$5.00



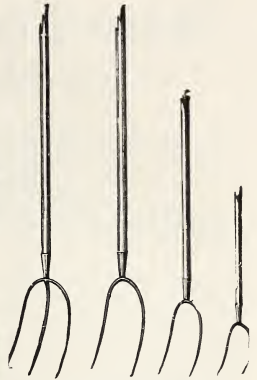
Price \$21.00



Champion Axe, \$1.50 to \$2.25



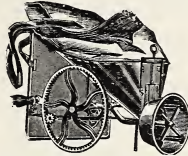
Stewart Horse Clipper, \$15.00



Hay Forks, \$1.00 to \$1.75



Cradle, \$4.50 to \$5.75



Cahoon Seeder, \$6.50



Corn Knife, 50c to 75c



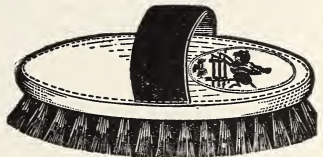
Diston Cross Cut Saws, \$2.75 to \$4.75



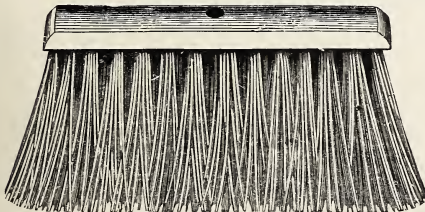
Muzzles, 25c



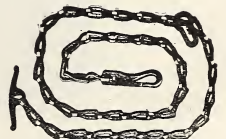
Curry Combs, 20c to 35c



Horse Brushes, 65c to \$2.50



Rattan Broom, \$1.15 to \$1.25



Tie Out Chain, 20 ft. 80c; 30 ft. \$1; 40 ft. \$1.25

Wire Fencing and Poultry NETTING

150 ft. Rolls

Galvanized After Weaving

These Prices are all Subject to Change

2' Mesh No. 20 Wire.

12 inches Wide.....	\$1.20
18 " "	1.75
24 " "	2.25
30 " "	2.90
36 " "	3.15
42 " "	3.65
48 " "	4.15
60 " "	5.15
72 " "	6.25

Less than Roll, 1½c. sq. foot.

2' Mesh No. 16 Wire, Galvanized after Weaving

150 ft. Roll.

36 inches Wide.....	\$7.00
42 " "	8.00
48 " "	9.00
60 " "	10.50
72 " "	13.00

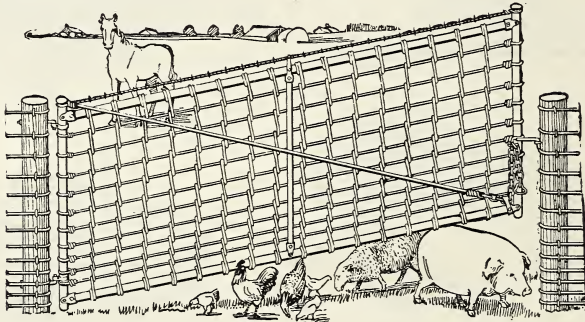
Less than Rolls, 3c. sq. foot.

1' Mesh No. 20 Wire Galvanized after Weaving.

150 foot Rolls.

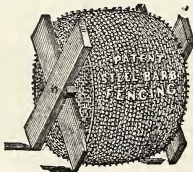
12 inches Wide.....	\$ 2.90
18 " "	4.00
24 " "	5.15
30 " "	6.25
36 " "	7.25
42 " "	8.50
48 " "	9.50
60 " "	11.75
72 " "	14.00

Less than Roll, 2½c. sq. foot.



Pittsburgh Perfect Fencing, 165 ft. Rolls, Heavy Gauge Wire. No. 9 and 11 Wire.

36 inches high, 7 wires, 6 inches stay.....	\$5.50
32 inches high, 8 wires, 6 inches stay.....	6.50
29 inches high, 9 wires, 6 inches stay.....	7.50



BARB-WIRE—\$5.50 per 100 lbs. No. 9 Wire Galvanized. \$5.50 per 100 lbs.

PITTSBURGH POULTRY FENCING

Heavy Gauge Wire, 165 ft. Rolls
No. 11 and 13 Wire.

46 inches high.....	\$7.50
52 " "	8.00
58 " "	8.50

PITTSBURGH FIELD FENCING

No. 9 Jumbo Style of Wire, 165 ft. Rolls.

34 inches high, 6 Wires, 12" Stay.....	\$5.50
45 inches high, 8 Wires, 12" Stay.....	7.50

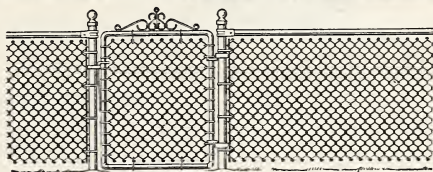
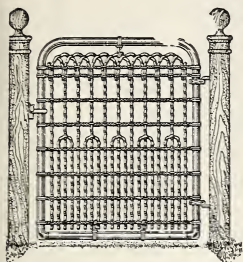
No. 11 Wire

35 inches high, 6 Wires, 12" Stay.....	\$4.50
45 inches high, 8 Wires, 12' Stay.....	6.50

Special Prices on 100 Rods or More

Cyclone Sanitary Wire Fencing

Wire Fencing of all Kinds and Styles



Is our most popular and closest-mesh sanitary fence—opens up the yard to fresh air and sunlight, creating healthy playgrounds out of unsanitary back yards. Easily erected by anyone on ordinary wood posts and 2 x 4 top rail. Pickets No. 9 heavily galvanized wire spaced 2 7/8 inches at top, 1 3/8 inches at bottom, making fence absolutely chicken-proof. Best heights are 36, 42 and 48 inches.

Price per Lineal Foot—Style "F"—36-inch, 14 cents; 42-inch, 16 cents; 48-inch, 18cents. Special prices in large quantities. Three-foot Gate to match, \$3.00 and upward.

The new Galvanized-After-Weaving Chain Link Fencing built on all galvanized steel frame in the very latest and most desirable fencing to erect. Yes, the cost is a little more, but the life of the chain link material is many more years. Ask for estimate and circulars of same. No, this cannot be put on wood posts.

Cyclone Flower Guard—Fits any shape or size of bed. Bottoms of pickets left straight to be inserted in the ground.

Price, per Lineal Foot—16-inch, 8 cents; 22-inch, 10 cents; 28-inch, 12 cents.

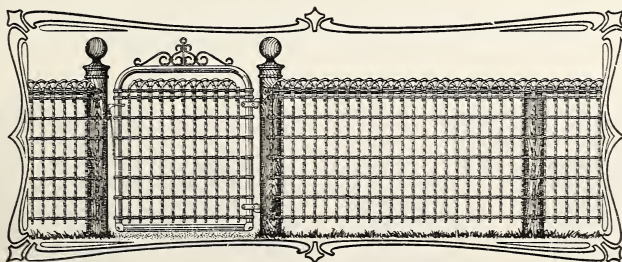
All Steel, 48 x 12 ft. Farm Gate, \$8.50.

All Prices Subject to Change Without Notice.

Universal Walk Gate—Strong enough for any yard, ornamental enough for any home. Heavy, high-carbon steel tubing, non-breakable frame with Chicken-tight Style "F" Fabric.

Furnished with fittings, to fasten to wood posts. Choice of 36-, 42- and 48-inch heights. Price for 3-ft. opening, \$3.00.

"No Rust" All Galvanized Farm Gates, Factory and Cemetery Fences, Arches, Trellis, Tennis-Court, Guards, Hitching Posts, Flower Bed Borders, Window Guards, etc,



FOR COMPLETE FENCE CONSTRUCTION

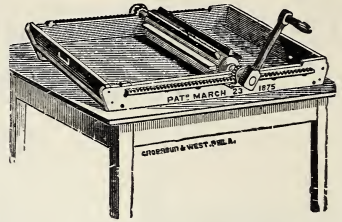
Prices Will Be Given on Application



DELAVEL SEPARATORS—The best separator in the market and a money maker for the Dairyman.

No. 7	\$ 62.50
No. 8	77.50
No. 10	87.50
No. 12	100.00
No. 16	117.50
No. 17	135.00

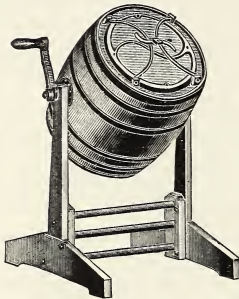
Ask for Catalogue.



REID'S BUTTER WORKER

No. 3	\$16.00
No. 4	12.00

Prices Subject to Fluctuations



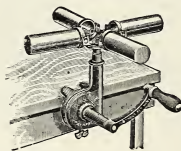
Barrel Churns, 10 Gallons to 50 Gallons, \$6.50 to \$20.00
With Power Attachment, If Wanted

WARRINER'S CHAIN HANGING STANCHION

GIVES FREE USE OF THE HEAD

CLEAN, SAFE, DURABLE AND COMFORTABLE.

The Warner Stanchion is the best wood stanchion made and is easier on your cattle than any other. Price: Double bolted, \$2.75.

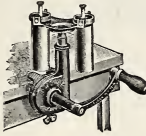


Tub Churns, \$2.25 to \$6.00 Babcock Tester, \$4.50 to \$6.00 Sanitary Block Tin Pails, \$4.50 Cow Weaners, 50c to \$1.25

A Few Dairy Necessities

Subject to Market Fluctuations

MILK COOLERS, Corrugated—\$31.00 to \$43.00.
Champion style, \$8.50 to \$12.00.



BABCOCK TESTERS—\$4.50 to \$28.00.

DAIRY THERMOMETERS—All sizes and makes of thermometers and lactometers. 25c. to \$2.50.

GARGET CURE—Per pkg., 60c.

TIE-OUT CHAINS—Light weight, 20 ft., 30 ft., heavy weight, 20 ft., 30 ft. 60c. to \$1.50.

KOW KURE—Two size packages. 65c. to \$1.25

MEASURING KETTLES—These are made of the best block tin, are iron clad and copper bound.

MILKING PAILS—We have six styles of sanitary pails for you to select from. \$2.50 to \$4.50.

MILK CANS (For Shipping)—Iron clad, extra heavy tin, sanitary tops, New York style. 20-qt., \$4.25; 30-qt., \$4.75; 40-qt., \$5.25. 10% discount for cash.

MILK DIPPERS—Various styles and sizes. 65c. to \$1.25.

MEASURING STICKS—Mention the style and size you want. 75c. to \$1.00.

MILK SCALES—Weight 30 lbs. \$6.50 to \$7.50.

MILKING TUBES—25c. to 50c.

PHILADELPHIA STYLE LIDS (For Large Cans)—75c. to \$1.00.

PAILS—Heavy galvanized, 10 to 16 qts. 65c. to \$1.25.

PAILS—Heavy block tin, 10 to 16 qts. 85c. to \$1.65.

SANITARY LIDS (For Large Cans)—\$1.00.

WATERING-TROUGHS—90c. to \$2.50 per ft.

WATER BOWLS (Automatic)—\$3.50.



Milk Bottle Brushes, 45c to 85c



Wire Dairy Brushes, 25c. to \$1.50

BOTTLE CARRIERS—Extra heavy material and heavily galvanized. Quarts and Pints. Price each, \$1.75 to \$2.50.

BOTTLES.

BOTTLE FILLERS—Our filler is one of the best, \$7.50 to \$85.00.

BOTTLE CAPS—Skim Milk, Cream, Buttermilk, and regular printed milk caps. 35c. per lb.

BOTTLE BRUSHES—Regular and machine brushes of highest quality. 45c. to 85c.

BOTTLE-WASHING MACHINES \$35.00.

BUTTER BOXES—\$2.25 to \$6.00.

BUTTER PRESSES—\$1.00 to \$10.00.

BUTTER WORKERS—\$9.50 upward.

BABCOCK'S TEST BOTTLES—Milk, Cream and Skim Milk Bottles.

BAG BALM—Per box, 65c.

BARKER'S CATTLE POWDER—20-oz. pkg., 30c.

BLATCHFORD and RYDE'S CALF MEAL—This is an excellent meal for the young stock. 25 lbs. for \$1.75.

BUTTER PAPER—In all sizes. 90c to \$1.15 of 500 sheets.

CHURNS—Monumental, Improved and Babcock. \$1.25 to \$10.00.

CREAM CANS—Made of fine charcoal plate tin. \$1.50 to \$3.25.

CREAM KETTLES—For serving purposes, all sizes, blocked tin and iron clad. 45c. to \$4.50.

CREAM PANS—Plain. Price each, 60c. to 85c.



SANITARY STRAINER CLOTHS—Price upon application.



25c and 50c



65c and \$1.15



25c and 50c



25c and 50c



25c, 50c and \$1.00



25c and 50c



25c and 50c



\$1.65 and \$3.00

25c, 50c and 75c



25c and 50c



25c and 50c



Pan-a-ce-a, 75c Pkt., \$3.60 bucket. Keg on application

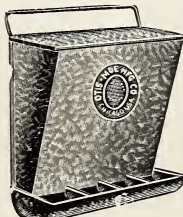
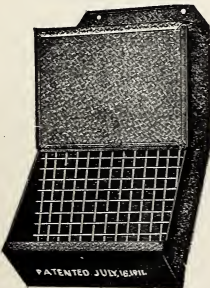
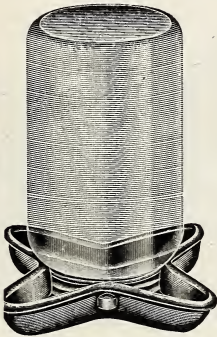


12 lb. pail \$1.60 25 lb. \$3.00

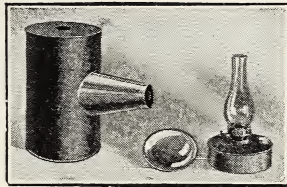
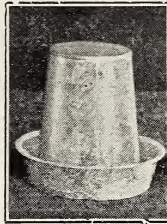
POULTRY SUNDRIES

Prices Subject to Fluctuation
Drinking Fountains, Hoppers, Feeders, etc.

	Price Each
Galvanized Wall Fountains	40c. to 75c.
Peerless Galvanized Brooder Fountains	30c. to 85c.
Apex Galvanized Hinge Bottom Fountains	65c. to 85c.
Folwell Galvanized Fountains, 1 qt.	50c.
Apex Side Cups for Coops, Galvanized	15c. and 25c.
Stone Ware Drinking Fountains	25c. and 65c.
Norwich Automatic Air-lock Fountain	\$3.00
Galvanized Fountain	25c. to 60c.
Cast Iron Fountains	35c. to 60c.
Apex Galvanized Chick Feeder, Double	40c. to 75c.
Apex Galvanized Chick Feeders, Single	30c. to 75c.
Cast-Iron Compartment Chick Feeders	30c. to \$1.25
Folwell Side-Wall Galvanized Box Feeders	50c. to 75c.
Hub Galvanized Feeder	5c. and 60c.
Folwell Sanitary Galvanized Dry Mash Feeder	90c. and \$1.00
Perfect Galvanized Dry Mash Feeder and Grit Box	60c. to 75c.
Norwich Automatic Feeder	\$2.50 to \$5.00
Jersey Sanitary Dry Food Hopper	\$9.50 to \$2.50
Ideal Dry Mash Feeder	\$1.75 to \$2.25
6-in-1 Exerciser and Feeder	\$3.75 to \$5.00
Conners Oat Sprouters	\$2.25 to \$4.00
Aluminum Leg Bands (3 styles), 15c. per doz.; 65c. per hundred	
Celluloid Leg Bands	15c. per doz.; 60c. per 100
Celluloid Pigeon Bands	15c. per doz.; 60c. per 100
Incubator Thermometers	50c. to \$1.00 each
Star Bottom Fountain	15c. each; \$1.50 dozen



	Price Each
Philadelphia Poultry Marker	\$0.20
French Poultry Killing Knife	.55
Gape Worm Extractor	.25
Horse-Hair Gape Worm Extractor	.15
Pilling's Killing Knife, angular	.50
Caponizing Set	5.00

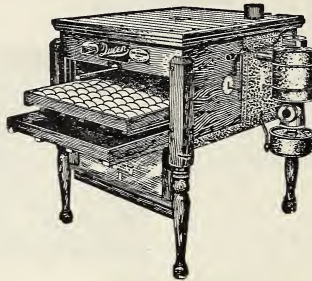


■ We also carry a complete line of Pratt's, Rust's and Dr. Hess's Remedies. Prices and Catalogue Cheerfully sent on application.

RELIABLE INCUBATORS AND BROODERS

HOT WATER

100 Egg...	\$26.00
140 " ...	33.50
240 " ...	47.50
350 " ...	57.75
450 " ...	67.75
700 " ...	110.00
1100 " ...	180.00
1400 " ...	225.00
2200 " ...	365.00
Less 10% cash dis	



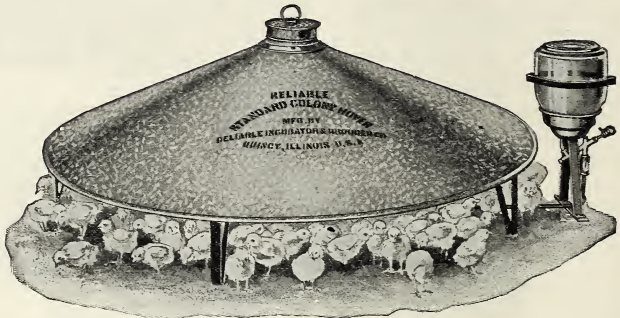
HOT AIR

100 Egg...	\$20.00
140 " ...	28.50
240 " ...	39.00
350 " ...	48.00
450 " ...	55.00
700 " ...	91.50
1100 " ...	145.00
1400 " ...	180.00
Less 10% cash discount.	

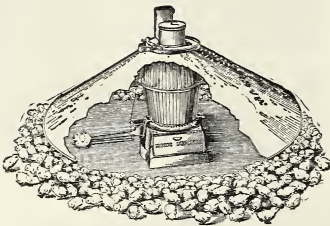
Notice the Special Prices and Discounts

250
Chick Size
\$13.00

500
Chick Size
\$15.00



OIL BURNER BROODERS FOR INDOORS



MAGIC COAL BURNING BROODERS MADE IN TRENTON, N. J.

300 Chick Size.....	\$20.00
500 " "	25.00
750 " "	30.00

RELIABLE COAL BURNING BROODERS

500 Chick Size.....	\$18.50
800 " "	22.50
1000 " "	27.50
Less 10% cash discount.	

POULTRY SUPPLIES

Below we give you as complete a list of poultry supplies and remedies as possible in this space. We carry a much greater line, and prices will be cheerfully given on application.

POULTRY FEEDS

Purina Chick; Purina Poultry; Oyster Shell, all sizes; Mica Grit, all sizes; Charcoal, all sizes; Beef Scraps; Alfalfa; Cracked Bone, all sizes; Kaffir Corn; Buckwheat; Millet; Sunflower; Hemp; Rape; Vetch Spring Feed; Poultry Mash; Spratt's Chic-grain; Canada Peas; Chick Powder; Chick Manna; Conkey's Baby Chick Food; Pratt's Baby Chick Food. The prices on these supplies are constantly changing; we will gladly quote you on any one of them on request.

Brooder Thermometers, 35c. to 50c. each; Medicated Eggs, Knox, 3c and 5c each; 60c. per doz.; China Eggs, 4c. each; 40c. per doz.	
Incubator and Brooder Lamps.....	75c. to \$1.00
Standard Egg Tester.....	.25
Banner Root Cutter.....	\$4.50 to \$18.00
Wilson & Mountville Shell Mills.....	6.00
Wilson & Mountville Shell Mills, on Stand.....	9.00
Perfection Corn Sheller.....	2.25

MANN GREEN BONE CUTTER

No. 5-C, with crank-handle.....	\$12.00
No. 5-B, with balance wheel.....	15.00
No. 7, best size for a yard of 100 hens and over.....	19.75
No. 7½, hand and power.....	28.00
No. 12, power only.....	65.00

ENGINES

5% cash discount on engines

Our stock is very complete

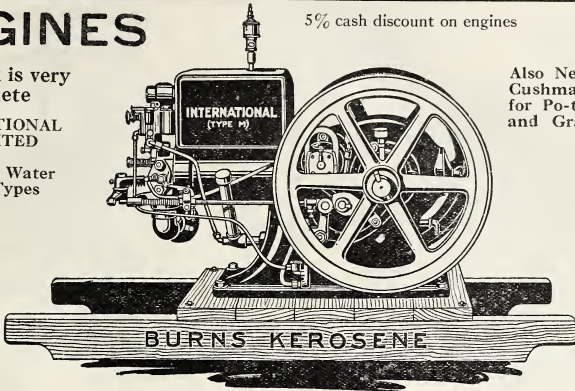
INTERNATIONAL and UNITED

In Air and Water Cooled Types

Also New Way and Cushman Engines for Po-tato Diggers and Grain Binders

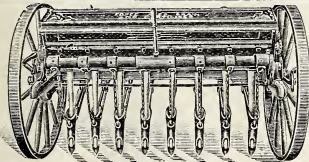
1½ H. P.
\$65.00

3 H. P.
\$105.00



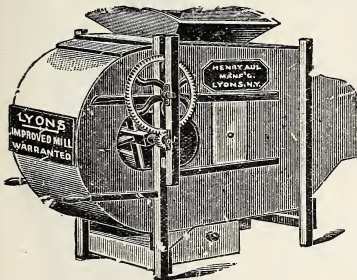
6H. P.
\$180.00

INTERNATIONAL TYPE "M" 1½, 3, 5 H. P.
This engine is made of the finest materials and is unsurpassed by any of the highest grade engines.

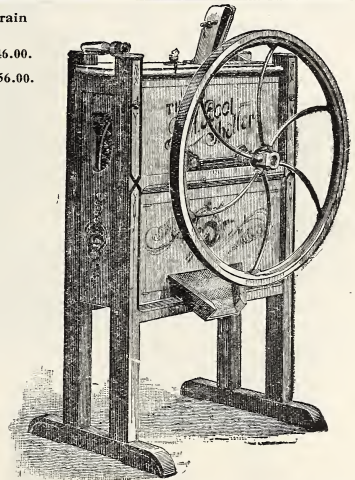


Ontario Grain Drills

10 Hoe, \$146.00.
10 Disc, \$156.00.



Grain Fan, \$45.00



1 Hole \$14.00 2 Hole \$30.00



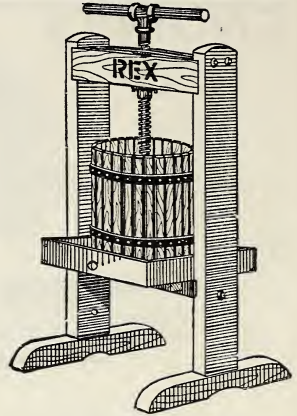
Lime Spreaders, \$52.50 to \$75.00



Kegs, Hardwood, 5 to 50 Gal., \$1.25 to \$4.70



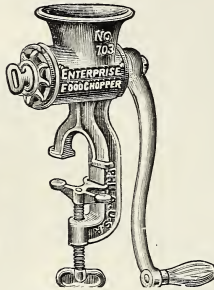
Ice Tongs \$1.50 to \$3



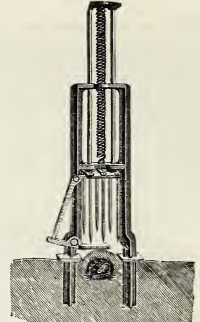
Wine Presses, \$5.50 to \$28.00



Grindstone, Foot Treadle, \$7.50 to \$10



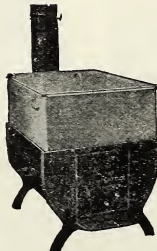
Enterprise Choppers, all sizes \$2.00 to \$9.00



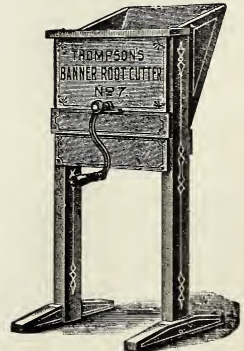
Mole Traps \$2.50



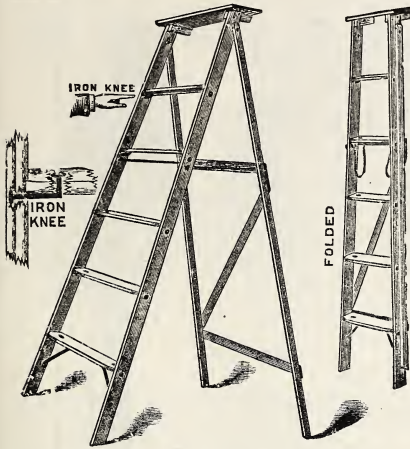
Tree Guards, \$1.75 each



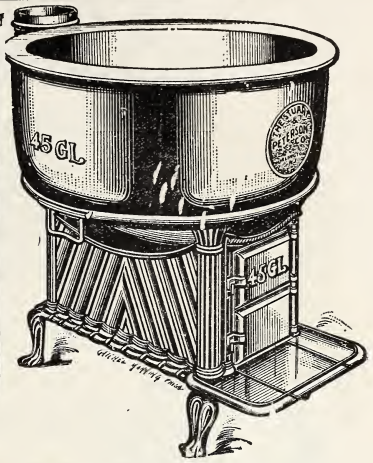
Feed Cookers \$15, \$16.50, \$18, \$21



Banner Root Cutter, \$7.50 to \$35



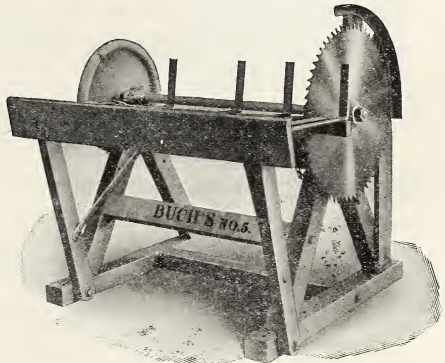
Step Ladders, 55c to 85c per foot



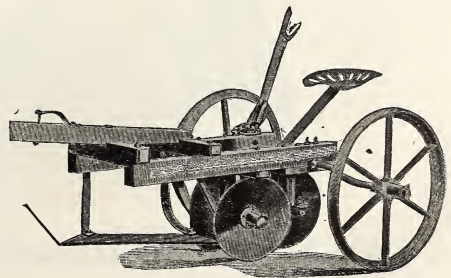
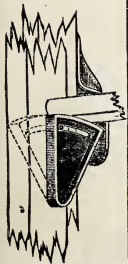
Farmers Boilers, \$22.00 to \$40.00, according to Size



Extension Ladders, 45c to 55c per foot



Saw Frames, \$17.50 to \$27.50
Circular Saws, from \$4.50 to \$8.50 according to size



Stub Cutter, \$42.00

PUMPS

PUMPS FOR EVERY PURPOSE

PUMPS—A full line of Myer's Well Pumps. Tank and suction pumps, including pumping jacks of various styles. Leather and cylinders.

Pitcher Pumps, Iron and Brass Lined . . . \$ 2.00 to \$ 5.00

Cog-Gear Single-Acting Lift Pump 10.00 to 15.00

Cog-Gear Single-Acting Force Pump 11.50 to 17.00

Pneumatic Cog-Gear Double Acting, Anti-Freezing Force Pump.

Myer's Cog Tank Pump, according to capacity 10.00 to 20.00

Myer's Single-Acting Three-Way Force Pump, Anti-Freezing 15.00 to 20.00

Extra heavy pump stands with stop-cock spout 10.00 to 15.00

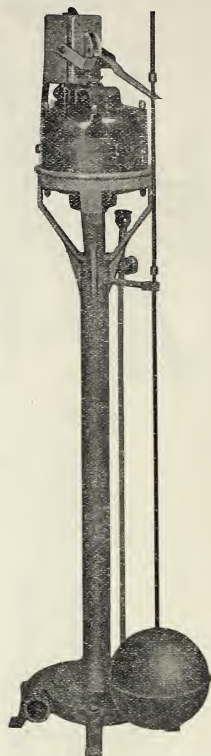
Cucumber pumps, plain and porcelain lined.

Pumps for Pneumatic Air Compression Water Systems. All styles for any purpose. A full line of well points for driven wells, caps, couplings and pipe.

All kinds of Pumps for Spraying and Spraying Apparatus.



Deep Well Pumps



Electric Cellar Drainer
Price for 830 ft. \$60.00.

CONSULT RIBSAM'S

for

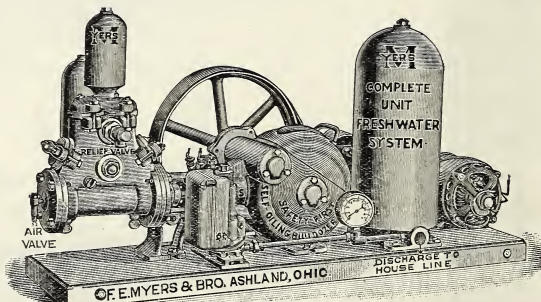
WATER SYSTEMS AND ALL NECESSITIES

FOR THE HOME OR STABLE

HYDRO-PNEUMATIC PUMPS AND

PRESSURE PUMPS

Do Not Fail to Ask for Estimates.

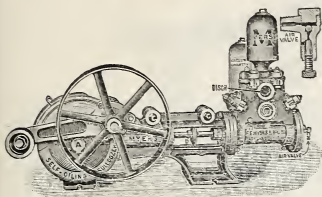


Martin C. Ribsam & Sons Co.

143-5-7 EAST FRONT STREET

TRENTON, NEW JERSEY

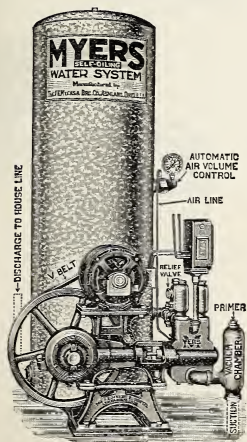
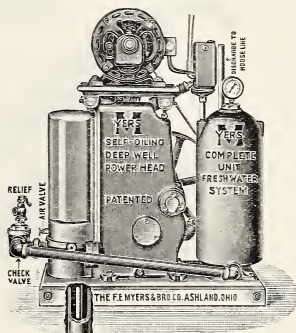
PUMPS for Every Purpose



The above illustration shows the very latest style of the famous "Myers" Shallow Well 1000 Gallon per Hour Pump. This pump is built without a crank shaft, but is driven with an eccentric or ring drive, veins in all brass lined. Brass seats, brass plunge rod, and rubber disc valves. Built for continuous work, 24 hours per day if needed. These pumps are made in various capacities from 500 to 5000 gallons per hour. Made for either motor or gas engine drives. Prices range from \$52.00 to \$250.00.

THIS MYERS DIRECT WATER SYSTEM

is another one of the famous Myers Electric Automatic Pumps. Something new in direct water systems for deep wells. No storage tank required, self-oiling. Belt driven. Fresh water direct from the well to all your faucets, Century motors, Wilbocken switches. As a matter of fact, there is nothing made to equal it. Prices range from \$155.00 to \$250.00.



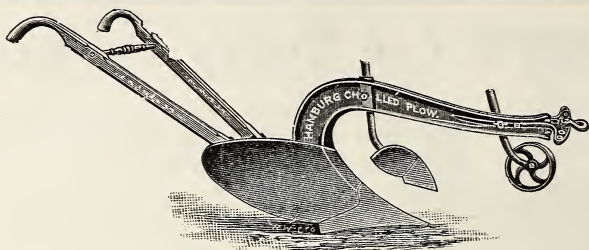
Here is another of the famous Myer's Self-Oiling Water Systems. Motor driven, automatically controlled, economical in cost, 42 gallon tank, automatic air control. 110 or 220 voltage, eccentric drive, brass lined, brass valves, Century motor. Capacity 250 to 300 gallons per hour. Prices \$105.00 to \$150.00.

We carry a full line of all kinds of Myer's Pumps and are ready to give you an estimate on anything you want in the pump line.

Martin C. Ribsam & Sons Co.

143-5-7 EAST FRONT STREET

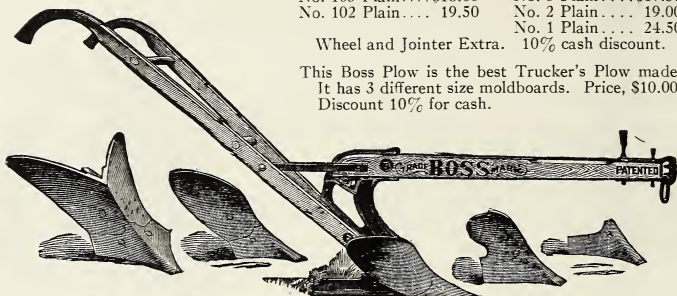
TRENTON, NEW JERSEY



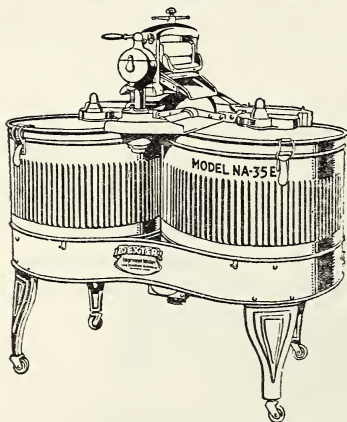
HAMBURG AND SYRACUSE IRON BEAM PLOWS

No. 103 Plain....	\$18.00	No. 3 Plain....	\$17.50
No. 102 Plain....	19.50	No. 2 Plain....	19.00
		No. 1 Plain....	24.50
		Wheel and Jointer Extra.	10% cash discount.

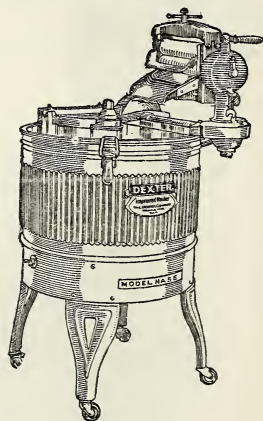
This Boss Plow is the best Trucker's Plow made. It has 3 different size moldboards. Price, \$10.00. Discount 10% for cash.



DEXTER



Before you decide on any washer, be sure to see the Dexter De Luxe Nickled Copper line. Learn what a remarkable value these new improved models offer. A store or home demonstration is yours without the slightest obligation.



For homes without electricity, models NA-35-E and NA-5-E can be furnished with the powerful, compact, smooth-running Dexter Gasmotor with convenient pedal starter.

THE DEXTER CO., FAIRFIELD, IOWA

ROOFING

RU-BER-OID and KA-LOR-OID RU-BER-OID STRIP-SHINGLES



RU-BER-OID

Accent on the "Ru" and always spelled with one "B"

KA-LOR-OID—Colored Ru-ber-oid

A colored weather-proof roofing for homes, bungalows, etc. with the same properties as Ru-ber-oid. It will not lose its coloring, for the coloring is incorporated during the actual process of manufacturing—RED, BROWN, GREEN.

STAREX ROOFING—A high-grade, ready-to-lay roofing suitable for all classes of buildings. \$1.85 per roll.

Always use RU-BER-OID for your Poultry Houses, Sheds, Barns, etc., it is by far the best.

The Roofing that has stood the test for twenty years on buildings of all kinds and descriptions. Rain-Proof, Snow-Proof, Heat-Proof, Cold-Proof, Time-Proof, Fire-Proof.

ZYLEX ROOFING—It is light and durable, easy to lay, inexpensive. Water and weather proof. \$2.00 per roll. All rolls contain 108 square feet. Cement and nails inside.

"SLATEX"—A slate covered Roofing in green and red Extra heavy quality. Makes a handsome roof for bungalow or other houses. \$3.00.

Ru-ber-oid Weatherproof Sheathing Slaters' Felt. Celery Paper, Rosin Sized Sheathing, 25c, 30, 40 lbs., weights. Two and Three Ply Tar Paper, Roof Cement, Roofing, Tar Paint, Nails, etc.

PRICES ON APPLICATION

FEED MILLS—The "Peerless Mill" grinds corn on the cob and grain. It is fitted with wooden pin breaks, sectional plates, quick release and needs no friction clutch to start it. It is the latest addition in the feed mill family.

The "Peerless" Feed Mills are, without exception, the "Best" mills made. They are built with cast-steel "cut" plates and are the only mills that will grind cob meal or other grains in any condition, wet or dry. They are the most successful mills for grinding oats for chicken feeding. Made in all sizes, suitable for 1½ to 20 horsepower engines.

Our "Peerless" Shredder is a revelation. This machine does wonderful work. Let us demonstrate it to you.

Fodder Cutters—The "Ohio" line is the best in existence. Frames made of the best of hard wood, securely constructed. Knives of the best steel, finely tempered. We carry all styles of cutters, blowers, and shredders.

GREEN BONE CUTTERS—When you buy a "Mann" New Model, you buy a machine which you will keep. You can try it before you buy it.

GRINDSTONES—Our line is the best in the market. Hand and power machines from 2 to 240 lbs. Stones are movable on frames to suit operator. Journals are ball-bearing, making easy running and frictionless machines.

HAY CARS—The "Ney" car is the lightest draft for carrier ever made. Carries pulley close to track and travelers cover large track surface.

HAY RACKS—Corner and side-tracks, cast-iron, steel and wire, mangers and stall partitions.

HAY FORKS—We carry the Harris and Nellis single harpoon forks, Farrel grapple fork and Ney Slings. We can supply your every want.

HAY LOADERS—The Emerson or International are the best. We stand back of them.

MANGERS—All kinds of steel and cast-iron corner and side mangers.

NAILS—In any quantity, style or size, by the pound or keg. Staples and caps of all kinds. Also flat head roofing nails.

ROOT CUTTERS—Our "Banner" line is complete. Machines for hand and power. These machines are of the highest value to the stock raiser. Our No. 30 will cut the root 1800 times and cut out from 1½ to 2 bushels of cut feed per minute by hand.

The "Buchs" cutter is an excellent machine, feeds itself and cannot choke or clog.

ROPE—In all sizes in cotton, jute, manila and hemp. Garden line, twine and tape.

TRUCKS—for bags, barrels and all purposes, with any style foot. We can supply your every want.

WIRE STRETCHERS—The "Veribest," Wilcox, Ney and Hall stretchers.

STRAWBERRY BOXES—Quart and pint standard boxes, made of the best material with tight corners.

SPRINGS—For wagons and all purposes, single and double, with or without braces.

SEEDERS—"The Thompson"—The original and only successful wheelbarrow grass seeder. It will sow any kind of grass seed. Cahoon and other hand seeders.

VEGETABLE SEED TABLE

Please note that the figures given in this table are subject to certain changes under varying conditions of growth, harvest and storage. They will also vary somewhat according to variety. In giving this table we naturally subject ourselves to certain criticism, especially on the part of the seed trade. We believe, however, that it is information which, on many occasions, will prove valuable to our customers and for this reason it is cheerfully given.

Vegetable	Average Germination 1 Year Old Seed	Average Duration of Germinating Power in Years	Average Number of Seeds Per Ounce	Average Weight of Quart of Seed in Ounces
Asparagus.....	90%	3	1,000	32
Beans, Dwarf.....	90%	3	100	30
Beans, Pole.....	90%	3	100	30
Beet, Garden.....	80%	4	1,750	10
Beet, Mangel.....	80%	4	1,200	10
Brussels Sprouts.....	85%	4	6,500	24
Cabbage.....	85%	4	5,000	24
Carrot.....	75%	3	14,000	12
Cauliflower.....	75%	4	14,000	24
Celery.....	80%	3	100,000	16
Collards.....	88%	3	4,500	24
Corn, Sweet.....	85%	3	125	23
Cucumber.....	85%	5	1,000	18
Eggplant.....	75%	4	5,000	18
Endive.....	80%	5	13,500	12
Kale.....	85%	4	7,500	24
Kohlrabi.....	85%	3	7,000	24
Leek.....	80%	2	8,000	18
Lettuce.....	90%	6	16,000	14
Melon, Musk.....	85%	5	1,200	12
Melon, Water.....	85%	5	225	16
Mustard.....	85%	3	18,000	30
Okra.....	85%	1	425	20
Onion.....	80%	2	12,500	16
Parsley.....	70%	1	17,500	12
Parsnip.....	75%	1	2,800	10
Peas.....	90%	3	5 to 150	30
Pepper.....	75%	2	4,000	16
Pumpkin.....	90%	4	100	9
Radish.....	90%	4	5,000	24
Salsify.....	75%	1	4,500	12
Spinach.....	80%	3	3,000	14
Squash, Summer.....	90%	4	20	300
Squash, Winter.....	90%	4	125	14
Tomato.....	85%	3	7,500	10
Turnip.....	90%	4	10,000	24

RECOMMENDED QUANTITIES OF SEEDS TO SOW PER ACRE

Alfalfa.....	20 lbs.
Alsike Clover.....	12 lbs.
Barley.....	100 lbs.
Buckwheat.....	48 lbs.
Canada Field Peas.....	90 lbs.
Corn.....	15 lbs.
Cow Peas.....	60 lbs.
Crimson Clover.....	12 to 15 lbs.
Millet.....	30 lbs.
Oats.....	64 lbs.
Pasture Grass.....	40 lbs.
Potatoes.....	10 to 16 bu.
Red Clover.....	10 to 15 lbs.
Rye.....	60 lbs.
Soy Beans.....	60 lbs.
Timothy.....	15 lbs.
Vetch.....	25 lbs.
Wheat.....	80 lbs.

REQUIRED PLANTS PER ACRE AT VARIOUS DISTANCES

Distance Apart	No. Plants
12 x 1 inches.....	522,720
12 x 3 inches.....	174,240
12 x 12 inches.....	43,560
18 x 1 inches.....	348,480
18 x 3 inches.....	116,160
18 x 12 inches.....	29,040
18 x 18 inches.....	19,360
24 x 1 inches.....	261,360
24 x 18 inches.....	15,520
24 x 24 inches.....	10,890
30 x 1 inches.....	209,088
30 x 12 inches.....	17,424
30 x 30 inches.....	6,970
36 x 12 inches.....	14,520
3 x 2 feet.....	7,260
3 x 3 feet.....	4,840
4 x 1 feet.....	10,890
4 x 2 feet.....	5,445
4 x 4 feet.....	2,723
5 x 3 feet.....	2,901
5 x 4 feet.....	2,178
5 x 5 feet.....	1,743
8 x 1 feet.....	5,445
8 x 8 feet.....	680
10 x 1 feet.....	4,356
10 x 10 feet.....	436
12 x 1 feet.....	3,630
12 x 12 feet.....	302
16 x 1 feet.....	2,722
16 x 16 feet.....	170
18 x 18 feet.....	135
20 x 20 feet.....	110
25 x 25 feet.....	70

STANDARD WEIGHT PER BUSHEL

Alfalfa.....	.60 lbs.
Barley.....	.48 lbs.
Beans.....	.60 lbs.
Buckwheat.....	.48 lbs.
Clovers.....	.60 lbs.
Corn, Field.....	.56 lbs.
Corn, Sweet.....	.50 lbs.
Grass, Blue.....	.14 lbs.
Grass, Broome.....	.13 lbs.
Grass, Herd.....	.10 lbs.
Grass, Orchard.....	.12 lbs.
Grass, Perennial Rye.....	.24 lbs.
Grass, Tall Meadow Oat.....	.13 lbs.
Grass, Wood Meadow.....	.14 lbs.
Hemp.....	.40 lbs.
Millet, Japanese.....	.30 lbs.
Millet, Pearl.....	.50 lbs.
Oats.....	.32 lbs.
Peas, Smooth.....	.60 lbs.
Peas, Wrinkled.....	.56 lbs.
Potatoes.....	.60 lbs.
Rape.....	.50 lbs.
Yye.....	.56 lbs.
Sugar Cane.....	.56 lbs.
Sunflower.....	.25 lbs.
Timothy.....	.45 lbs.
Vetch.....	.60 lbs.
Wheat.....	.60 lbs.

HAVE YOU A SINGING BIRD IN YOUR HOME?

Our Bird and Pet Department is several times larger than it could be in the old store. Sometimes there are hundreds of birds ready for delivery. And these come from all parts of the world.

Your favorite sort is always likely to be here, and what can add so much brightness, life or gaiety to a room as a bright-plumaged songster? The children, as well as adults, like them.

SOMETHING AS TO VARIETY

Canaries always—from the famous Hertz Mountains, Germany and from England. Choppers and Warblers also. Females especially selected for breeding purposes.

Thrushes are among the most glorious singers. Java Sparrows. South African Love Birds. Doves. Parokets. Talking Parrots from South America. Russian Bullfinches. Other varieties of Finches.



OUR ASSORTMENT OF BIRD CAGES IS LARGER

We show new shapes, too, which are proving exceptionally popular. New colorings are introduced in them, which harmonize with your room's color scheme.

We have hundreds to choose from in scores of designs and colors. Stands are in equally large assortment.

THE STOCK OF GOLD FISH ENLARGED

All sizes and sorts in these lively little pets, too. Telescopes and Fantails, and other sorts that never grow out of date, it seems.

As to Aquariums, there's improvement here, as well. New shapes—ovals, among them—and the round ones, squares and oblongs, as usual.

In Aquarium accessories there's added interest and variety. More sorts than we used to carry, all adding interest to the aquariums in which they're placed.

Come in any time to watch the little fish, or do your selecting at your leisure.

Martin C. Ribsam & Sons Co.

'Phone 7-5107

143-5-7 East Front St.

Trenton, N. J.

The Ribsam Floral Department Grows More Popular Every Day

Through our large automatic cold-air compartments and tremendously increased space, we offer a correspondingly increased service in cut flowers for every possible occasion. The whole country contributes to our stocks, and at all times we have for instant delivery the most exquisite blooms which the leading horticulturists can produce.

OUR ARTISTS EXECUTE ORDERS FOR DESIGNS FOR ALL SOCIAL AFFAIRS

The large force is ready for rush orders, and to produce novel as well as all standard effects which may be desired.

YOU CAN "SAY IT WITH FLOWERS" IN A FEW HOURS IN ANY PART OF THE WORLD

Through our Florist Telephone and Telegraph Association we are in touch with over 3500 members, ready instantly to receive orders by mail, telephone, telegraph or cable, so that your friends, anywhere, at home, at winter or summer resorts, abroad or boarding steamers or trains for travel, can be reached in the shortest possible space of time, with an expression of your friendly sentiments.



THIS SERVICE GROWS

Its benefits pleasingly surprise those who use it for the first time, and the custom of sending flowers by telegraph is becoming increasingly popular.

Distance is annihilated. You can be in as intimate touch with friends as by letter, but a hundred times quicker. Phone an order to us, and in two hours, as a rule, your friends can have your remembrances delivered at their homes.

Wonderful? Yes, and most delightful in its results. Try it today.

Large stock of seasonable blooming plants, ferns, etc., in quantity. Bric-a-brac, jardinières, baskets etc., in large assortment.

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