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1928

Seeds That Grow

60th Annual

SEED MANUAL
THE GREATER RIBSAM’S OFFERS ITS 60th 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 first 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.
143-145-147 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 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 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, $55.00.
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., $1.15; 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.
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—Late summer variety. Large yellow. Fine quality.
DUCHESS—Autumn. Large, light green. Excellent quality.
SICKEL—Autumn. Small fruit, russet, juicy, sweet, melting tender.

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.

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.
RIBSAM'S MANUAL

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—Black. 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 dozen.
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 dozen.
BELLE OF GEORGIA—Large white, red check. Excellent flavor.
ELBERTA—Large yellow, red check. Firm and juicy. Delicious.
J. H.—Large yellow, carmine blush. Very large.
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 dozen.
ORANGE—One of the best standard sorts.

CURRANTS
2 years old. 25c each; $2.50 per dozen.
FAYS PROLIFIC—Good producer of large red fruit.

GOOSEBERRIES
2 years old. 25c each; $2.50 per dozen.

PREMIER P. B.
GANDY—Late. Among the best late sorts. Fine for preserving.
PROGRESS EVERBEARING—Standard sort. 50c per dozen; $2.50 per 100.

GRAPE VINES
2 years old. 25c each; $2.50 per dozen.
MOORE'S DIAMOND—Large white midseason. Large bunches and sweet.
MOORE EARLY—Large black, early, good quality.

CURRANTS
2 years old. 25c each; $2.50 per dozen.
FAYS PROLIFIC—Good producer of large red fruit.

GOOSEBERRIES
2 years old. 25c each; $2.50 per dozen.

PREMIER P. B.
GANDY—Late. Among the best late sorts. Fine for preserving.
PROGRESS EVERBEARING—Standard sort. 50c per dozen; $2.50 per 100.

GRAPE VINES
2 years old. 25c each; $2.50 per dozen.
MOORE'S DIAMOND—Large white midseason. Large bunches and sweet.
MOORE EARLY—Large black, early, good quality.

CRAWFORD LATE—Large yellow. Superb late sort.
IRON MOUNTAIN—Large, white. Best very late sort.

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

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2 years old. 25c each; $2.50 per dozen.
MOORE'S DIAMOND—Large white midseason. Large bunches and sweet.
MOORE EARLY—Large black, early, good quality.
Standard Varieties of Tested Vegetable Seeds

FOR THE GARDEN AND THE FARM

We offer no novelties, as a large percent of those that are offered on the market are worthless. Some few are good old sorts renamed 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 1/2 lb.; $4.00 per lb.

**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 12x49 feet, which will be large enough for ordinary family. For field culture, plant in rows 5 to 6 feet by 1 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 1/2 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 ½ lb.; 75c. per lb.

PALMETTO—This variety is much earlier than Conover’s Colossal, a good yellder, and is more even and regular in growth. Quality as good as Conover’s Colossal. 5c. per pkt.; 10c. per oz.; 20c. per ½ 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 ½ lb.; $1.50 per lb.

ASPARAGUS ROOTS

MARY WASHINGTON—One year old roots, $1.50 per 100; $10.00 per 1000.

WASHINGTON—Two-year-old roots, $1.50 per 100; $9.00 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.

BEANS—English or Broad

Ask for prices on quantities of 5000 or more roots.

One pound will plant 100 feet.

This class is very hardy, and should be planted as soon as the soil 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 ¼ lb.; 25c. per ½ lb.; 45c. per lb.

BROAD WINDSOR—Best for general use. 15c. per ¼ lb.; 25c. per ½ lb.; 45c. per lb.

BEANS—Dwarf or Bush

GERMAN BOHNEH, ITALIAN FAGIUOLI, POLISH FASCOLA

Sixty Pounds to a Bushel

These prices 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.

FRENCH DWARF HORTICULTURE. (Also called Italian Bean)—Large green pods splashed with carmine: about five inches long, short and flat, almost stringless. 30c. per lb.; 25c. per 10-lb. lots; 22c. per 100-lb. lots.

BOUNTFUL—An extra early flat-podded variety, stringless and of fine quality. 30c. per lb.; 25c. per 10-lb. lots; 22c. 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. 30c. per lb.; 25c. per 10-lb. lots; 24c. per lb., 100-lb. lots.

EARLY BLACK VALENTINE—Very popular on account of its extreme hardiness and earliness. Pods long, smooth, round and bright green, large yielder. They must be picked quick, as they toughen quickly. 25c. per lb.; 10-lb. lots, 20c. per lb.; 18c. 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. 25c. per lb; 10-lb. lots, 23c. per lb.; 20c. per lb. in 100-lb. lots.

THE GIANT PODDED 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. 25c. per lb.; 20-lb. lots, 23c. per lb.; 20c. per lb. in 100-lb. lots.

EARLY FILL BASKET—Early, hardy, strong grower. Round, straight pod, 6 inches long. Very productive, almost stringless, of a beautiful green color. 25c. per lb.; 10-lb. lots, 23c. per lb.; 20c. per lb. in 100-lb. lots.

LATE REFUGEE, 1000 to 1—Late, very productive, tender and large. Grown for main crop. Round pod. 25c. per lb.; 10-lb. lots, 23c. per lb.; 20c. 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 MARRÓWEAT—Extensively grown for sale in the dry state; of average quality as a strong bean, but excellent shelled, either green or dry. 26c. per lb.; 10-lb. lots, 25c. per lb.

WHITE NAVY—Small round white winter bean. 20c. per lb.; 15-lb. lots, 18c. per lb.

BUSH LIMA

FORDHOOK BUSH LIMA—Best market variety of the bush sort. The beans are thick, of large size, and fine quality. Very prolific. 10c. per ¼ lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb. Subject to fluctuation.
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 1/2 lb.; 15c. per lb.; 10-lb. lots, 30c. per lb.; 100-lb. lots, 25c. 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 1/4 lb.; 30c. per lb.; 10-lb. lots, 25c. per lb.; 100-lb. lots, 23c. per lb.

HIBBED: BUSH LIMA—Larger in size of pods than Burpee’s, green in color, and quality good. Improvement on Burpee bush Lima. 10c. per 1/2 lb.; 30c. per lb.; 10-lb. lots, 25c. per lb.; 100-lb. lots, 25c. per lb. Subject to fluctuation.

WAX OR YELLOW-PODDED VARIETIES

60 Pounds to a Bush

UNRIVALED WAX—Extra early, enormous cropper. Pods 3 1/2 inches long, somewhat curved, semi-flat, rather slim, but fleshy and tender. Color pale yellow and fiberless. 30c. per lb.; 10-lb. lots, 25c. per lb.; 25c. 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. 30c. per lb.; 10-lb. lots, 25c. per lb.; 25c. 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. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. in 100-lb. lots.

PENCIL POD WAX—Pods are long, straight, round like a pencil; fleshy, of a bright yellow color, tender, brittle and absolutely stringless; very productive. 30c. per lb.; 10-lb. lots, 25c. per lb.; 23c. per lb. in 100-lb. lots.

WARDWELL’S RUST-PROOF KIDNEY WAX—This bean is remarkably free of rust. Pods long, broad and of celloidin wax yellow; entirely stringless. 25c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb., in 100 lb. lots.

ROUND POD KIDNEY WAX or BRITTLE WAX—A vigorous grower, pods fleshy, stringless and rust-proof. 30c. per lb.; 10-lb. lots, 28c. per lb.; 25c. per lb. in 100-lb. lots.

BEANS—Pole or Running

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. 1/4 lb.; 30c. 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. 1/4 lb.; 30c. per lb.; 10-lb. lots, 25c. per lb.

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. 1/4 lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

POTATO or Challenger

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. 1/4 lb.; 30c. per lb.

DUTCH CASE KNIFE—A very productive variety, and one of the earliest; sometimes used as "snap," but generally shelled. 10c. 1/4 lb.; 30c. 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. 1/4 lb.; 30c. per lb.

WHITE CREASEBACK—Long green pod, snap short; very tender; pods attractive and prolific; grow five to six inches in length. 10c. 1/4 lb.; 30c. 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. 1/4 lb.; 30c. per lb.

BEANS—POLE LIMA

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 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. per 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 1/4 lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

CARPENTERIA—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. per 1/4 lb.; 30c. per lb.; 10-lb. lots, 28c. per lb.; 100-lb. lots, 25c. per lb.

BEET

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. per lb.; $1.00 per lb.
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 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 1/4 lb.; $1.00 per lb.

EARLY EGYPTIAN DARK RED—The old standard sort. 5c. per pkt.; 10c. per oz.; 25c. per 1/4 lb.; 90c. 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 1/4 lb.; 90c. per lb.

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

DELTION—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 1/4 lb.; 90c. per lb.

CRIMSON GLOBE—Handsome second early main crop, market sort. 10c. per pkt.; 15c. per oz.; 35c. per 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 1/4 lb.; 90c. per lb.

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

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

WHITE SUGAR—Good for late table and stock feeding; sweet. 10c. per oz.; 20c. per 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 prolific and likeable wholesome vegetable.

LARGE RIBBED GREEN LEAVED—Smooth leaves, large stem which are tender and of fine flavor. 5c. per pkt.; 10c. per oz.; 35c. per 1/4 lb.; 90c. per lb.

BEET—MANGEL WURZEL

Mammoth Long Red Mangel Beet

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 1/4 lb.; $1.00 per lb.
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 early weather the plants can be transplanted.

**MAMMOTH LONG RED**—This is the finest stock of Long Red Mangels in cultivation. 10c. per oz.; 20c. per ½ lb.; 50c. per lb.; 85c. per lbs. in 5-lb. lots.

**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 ½ lb.; 30c. 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 ½ lb.; 30c. 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 ½ 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 grown in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

**WHITE CAPE**—Heads medium size, close, compact and of a creamy white color. One ofreak most certain to grow. 10c. per pkt.; 25c. per oz.; 50c. per oz.; $1.50 per 34 lb.; $5.50 per lb.

**PURPLE CAPE**—Differs only in color. 10c. per pkt.; 50c. per oz.; $1.50 per 34 lb.; $5.50 per lb.

**IMPROVED LONG ISLAND**—Popular variety, producing numerous good-sized compact sprouts. 10c. per pkt.; 35c. per oz.; $1.00 per ½ lb.; $3.00 per lb.

**TALL FRENCH**—Very fine. 10c. per pkt.; 25c. per oz.; 75c. per ½ lb.; $2.50 per lb.

**CABBAGE**

**GERMAN KRAUT, ITALIAN CAVOLA CAPUCCIO, POLISH KAPUSTA**

One ounce will sow 75 feet of drill, and produce about 2,000 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 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. 10c. per pkt.; 35c. per oz.; $1.75 per 34 lb.; $5.50 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 Chin 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 ½ lb.; $2.75 per lb.

**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.; 35c. per oz.; 75c. per ½ lb.; $2.50 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 ¼ 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 ¼ lb.; $2.50 per lb.

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 ¼ 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 ¼ lb.; $2.50 per lb.

SUREHEAD—A good all-around late Cabbage. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; $2.50 per lb.

SUREHEAD—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 ¼ lb.; $2.50 per lb.

LARGE LATE DRUMHEAD—Grows to a large size, with round compact heads. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; $2.50 per lb.

RED DUTCH—Used almost exclusively for pickling. 10c. per pkt.; 25c. per oz.; 75c. per ¼ 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 ¼ lb.; $2.50 per lb.

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 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.
EARLY FRENCH FORCING—The earliest variety; valuable for forcing; root small and of fine flavor. 10c. per pkt.; 15c. per oz.; 40c. per ¼ 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 ¼ lb.; $1.25 per lb.

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 ¼ 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 ¼ 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 ¼ lb.; $1.25 per lb.

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 ¼ 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 ¼ 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 ¼ 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 ¼ lb.; 90c. per lb.

CAULIFLOWER

GERMAN BLUMENKOH, 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 cabbages. 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—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. 

$30.00 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.; $7.50 per 1/2 lb.; $30.00 per lb.

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

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

CELERIAC, OR TURNIP-ROOF-CELERY

One ounce will produce 4000 plants.

A variety of celeriac 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 1/2 lb.; $2.50 per lb.

CELERY

GERMAN SELERIE, ITALIAN SADAMA, POLISH SELERY

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

Born 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 shorn 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 or twice before transplanting to insure stocky plants. When

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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 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 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 1/4 lb.; $2.50 per lb.

CELERY SEED—For flavoring. 35c. per 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.; 25c. per oz.; 50c. per 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 1/2 inches from neck, leaving 8 inches, then plant upright 1 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 1/4 lb.; $2.50 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.; 25c. per oz.; 50c. per 1/4 lb.; $1.50 per lb.

CHIVES

CHIVES—(German Schnitlauch)—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.; 25c. per oz.; 50c. per 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 forking, 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.
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, 16c. 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, 20c. per lb.

ADAMS EXTRA EARLY—Not a sugar corn but largely grown for early used. 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.
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.

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.

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.

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, 17c.

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 ¼ 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 ¼ lb.; $1.00 per lb.

**WATER GRASS**—10c. per pkt.; 50c. per oz.; $1.50 per ¼ lb.; $5.00 per lb.

**CUCUMBER**

**GERMAN GURKEN, ITALIAN CETRIOLO, POLISH OGORÉK**

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 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 it will ripen on vines, destroys its productiveness.

**LONGFELLOW**—A new valuable sort. The fruit will average 12 to 14 inches long, 2½ 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.; $1.00 per ¼ lb.; $3.00 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 ¼ 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 ¼ 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 ¼ lb.; $1.00 per lb.

**FORDHOOK FAMOUS**—It is said to be the finest flavor of all, most beautiful and best long Green Cucumber upon the market.

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 ¼ lb.; $1.25 per lb.

**GREEN PROLIFIC**—A good picking sort. 5c. per pkt.; 15c. per oz.; 35c. per ¼ 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.; 35c. per ¼ 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 ¼ 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.; 15c. per oz.; 35c. per ¼ 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 ¼ lb.; $1.25 per lb.

**LONG GREEN TURKEY**—Late, dark green, excellent fruit, large and productive. 5c. per pkt.; 15c. per oz.; 40c. per ¼ 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. Now early in the Spring, in drills, eighteen inches apart, and thin out to six inches in the drills. 10c. per pkt.; 15c. per oz.; $1.25 per ¼ lb.; $8.50 per lb.

**DILL HERB**

Used extensively for culinary use and for putting with cucumber when pickling, producing the famous Dill Pickles. 5c. per pkt.; 15c. per oz.; 25c. per ¼ lb.; 75c. per lb.
EGG PLANT

GERMAN EIERPFLANZE, ITALIAN PETRONCINO, 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 34 lb.; $5.00 per lb.

EARLY BLACK BEAUTY—Earlier than any other sort.

Fruit, jet black, holding its black color during its maturing process. 10c. per pkt.; 15c. per oz.; 50c. per 34 lb.; $1.25 per lb.

GREEN CURLED—Very hardy, leaves dark green; tender and crisp. 10c. per pkt.; 15c. per oz.; 50c. per 34 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 34 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 34 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 34 lb.; $1.50 per lb.

ESCAROLLE—Broad thick ribs with slightly wrinkled leaves. 5c. per pkt.; 10c. per oz.; 50c. per 34 lb.; $1.25 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 ENDYWIA

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 blanched. 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.

FENNEL HERB

Annual, height, 2 feet; fine feathery foliage. 5c. per pkt.; 20c. per oz.; 50c. per 34 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.

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.

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

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

BORAGO OFFICINALIS—Excellent for bees. Annual, 3 ft. 10c. per pkt.; 20c. per oz.; $1.25 per lb.

CARAWAY (Carum Caral)—Biennial. 2 ft. 10c. per pkt.; 25c. 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 (Coriandum Satium)—Biennial, 3 ft. 5c. per pkt.; 15c. per oz.; 75c. per lb.

CUMIN (Cuminum Cuminum)—Annual. 6 ft. 10c. per pkt.; 15c. per oz.; $1.50 per lb.

DILL (Anethum Graveolens)—Biennial. 3 ft. 5c. per pkt.; 15c. per oz.; $1.50 per lb.

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

HOPS SEED (Humulus Impulus)—10c. per pkt.; 35c. per oz.; $2.00 per lb.

HOREHOUND (Maribium Vulgare)—Perennial, 2 ft. 10c. per pkt.; 40c. per oz.; $3.50 per lb.
LAVERDER (Lavendula Spica)—Perennial, 2 ft. 10c. per pkt.; 35c. per oz.; $3.00 per lb.
MARJORAM, SWEET (Origanum Majorana)—Annual, 1 ft. 10c. per pkt.; 35c. per oz.; $3.00 per lb.
ROSEMARY (Rosmarinus 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.; 40c. per oz.; $4.50 per lb.
WORMWOOD (Artemesia Absinthium)—Perennial, 10c. per pkt.; 35c. per oz.; $3.00 per lb.

KALE OR BORECOLE

GERMAN BLATTERKOHLE, 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 curled. 10c. per pkt.; 15c. per oz.; 35c. per 1/4 lb.; $1.00 per lb.

GREY DWARF GERMAN GREEN—10c. per pkt.; 15c. per oz.; 35c. per 1/4 lb.; $1.00 per lb.

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.

EARLY WHITE VIENNA—Flesh white and tender. The best market sort. Excellent for table use. 10c. per pkt.; 20c. per oz.; 75c. per 1/4 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 1/4 lb.; $2.50 per lb.

LETTUCE

GERMAN SALAT, 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

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.

American Flag
February and in hot-beds in March, and by carefully covering up at night, 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**—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 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 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 1/4 lb.; $1.50 per lb.

**MUSKMELON**

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 showfuls of thoroughly rotted manure. Plant ten 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 luxuriant, and if the fruit sets out numerous, thin out when young, which will increase the size of those remaining and cause them to ripen quicker.
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.; 40c. per ¼ lb.; $1.25 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 ¼ 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 ¼ lb.; $1.25 per lb.

ROCKY FORD—Nutmeg shape, small to medium in size, pale green, finely netted, flesh green, quality very fine. 15c. per oz.; 40c. per ¼ 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...
is delicious; flesh, salmon, very thick and extraordinarily sweet, size of the Netted Gem. 15c. per oz.; 40c. per ¼ 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 ¼ lb.; $1.25 per lb.

GOLDEN JENNY—Small, but highly prized by the most experienced growers of Melons. 15c. per oz.; 40c. per ¼ 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 ¼ 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 ¼ lb.; $1.25 per lb.

CITRÓN (Preserve)—A round, handsome fruit of small size, used in making sweet-meats and preserves. 15c. per oz.; 40c. per ¼ 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—Shape oblong; dark green rind; flesh, crimson and very sweet. Medium early, similar to Kleckley Sweet, seed white. 10c. per oz.; 35c. per ¼ lb.; $1.00 per lb.

KLECKLEY SWEET—Most popular Melon for home market. Medium size, oblong; dark green color; flesh, brigh scarlet; solid heart; crisp, sugary, and entirely free from stringiness. 5c. per pt.; 10c. per oz.; 35c. per ¼ 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 ¼ lb.; $1.00 per lb.

DIXIE—Large, dark rind Melon, oblong; quality good, an excellent market sort. 10c. per oz.; 35c. per ¼ 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 ¼ 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 ¼ lb.; 75c. per lb.

MOUNTAIN SWEET—Fruit oblong, dark green; rind thin; flesh red, solid and very sweet. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

ICING, DARK GREEN RIND—Shape, size and flavor same as Light icing, but dark skin. 10c. per oz.; 25c. per ¼ 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 lighter shades. 10c. per oz.; 25c. per ¼ lb.; 75c. per lb.

ICING, LIGHT GREEN RIND—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 ¼ 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 ¼ lb.; 75c. per lb.

SWEET HEART—One of the best market Melons—Fresh 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 ¼ 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 ¼ lb.; 75c. per lb.
MUSHROOM SPAWN

GERMAN SCHWAMM, ITALIAN FLINGO PRALAOJO, 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 feet wide and as long as you may choose to make it. In forming the bed mix the dung well together, heating 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 Plum. 5c. per pkt. 10c. per oz.; 25c. per lb.; 75c. per lb.

WHITE LONDON—Best for salad. 5c. per oz.; 15c. per ½ lb.; 50c. per lb.

BROWN OR BLACK—More pungent in flavor than the white. 5c. per oz.; 15c. per ½ 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 lb.; 75c. per lb.

DWARF NASTURTIUM—Choice colors. 10c. per pkt.; 15c. per oz.; 35c. per ½ 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 ½ lb.; 75c. per lb.

LONG GREEN—Long ribbed pods. 10c. per pkt.; 15c. per oz.; 25c. per ½ lb.; 75c. per lb.
ONION

GERMAN Zwiebel, ITALIAN Cipollo, POLISH CEBULKA

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. An early in Spring as the ground is in working order, commence operations by leveling the ground with a rake and treading it firmly, sow thinly in drills about a month 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.

AILSA CRAIG—The largest of all straw-yellow onions. It is globe shaped, slightly pointed at top and base. 10c. per pkt.; 35c. per oz.; $1.00 per 34 lb.; $3.00 per lb.

EXTRA EARLY RED—The earliest Red Onion, fine keepers. 10c. per pkt.; 35c. per oz.; $1.00 per 34 lb.; $3.00 per lb.

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

SOUTHPORT RED GLOBE—Differs from the Southport Yellow Globe only in color. 10c. per pkt.; 35c. per oz.; 75c. per 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.; 35c. per oz.; $1.00 per 34 lb.; $3.00 per lb.

YELLOW GLOBE DANVERS—An excellent variety, fine flavored and very productive. Ripens early and is a good keeper. 10c. per pkt.; 35c. per oz.; $1.00 per 34 lb.; $3.00 per lb.

WHITE PORTUGAL or SILVER SKIN—A handsome Onion, of mild flavor, and a good keeper. Extensively grown for pickling. 10c. per pkt.; 35c. per oz.; $1.00 per 34 lb.; $3.00 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.; 35c. per oz.; 75c. per lb.; $2.25 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 1/4 lb.; $1.00 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 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 Prezzemo, 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—A very select stock beautifully crimped and curled. 5c. per pkt.; 15c. per oz.; 25c. per 1/4 lb.; 75c. per lb.

Guernsey—Half-long; becoming very popular. 10c. per pkt.; 15c. per oz.; 35c. per 1/4 lb.; $1.00 per lb.

PEAS

Champion Moss Curled

Long Smooth or Hollow Crown

Long smooth or Hollow Crown—Best for general use. 3c. per pkt.; 15c. per oz.; 35c. per 1/4 lb.; $1.00 per lb.

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

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

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 leaf mold 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 1/4 lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $19.00.

EARLY ALASKA—A green seeded extra early Pea. Very desirable for all northern markets. 10c. per 1/4 lb.; 25c. per lb.; 10 lbs., $2.00; 100 lbs., $18.00.

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 gardeners or private use as well. Try a few of this new introduction. 10c. per 1/4 lb.; 25c. in 10-lb. lots; 25c. in 100-lb. lots.

LAXTONIA—Vines 18 to 20 inches high, produces an enormous crop of delicious peas not a little later than "Gradus." Vines are vigorous and can withstand adverse weather conditions easier than other large varieties. 10c. per 1/4 lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $24.00.

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 1/2 feet. As a first early we consider this is the Finest Early Pea ever introduced. 10c. per 1/4 lb.; 30c. per lb.; 10 lbs., $2.20; 100 lbs., $24.00.

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 1/4 lb.; 30c. per lb.; 10 lbs., $2.00; 100 lbs., $18.00.

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 1/2 feet. 10c. per 1/4 lb.; 30c. per lb.; 10 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 4 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 1/4 lb.; 30c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

BLUE BANTAM—Extra early dwarf wrinkled Pea. Averages 15 inches high, bears enormous crops, pods deep bluish green, pods 4 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 1/4 lb.; 30c. per lb.; 10 lbs., $2.50; 100 lbs., $24.00.

EARLY NOTT'S EXCELSIOR—Extra early dwarf wrinkled 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 1/4 lb.; 30c. per lb.; 10 lbs., $2.50; 100 lbs., $20.00.

EARLY GRADUS OR PROSPERITY—A first early Wrinkled Pea, very hardy, vigorous grower, 2 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 1/4 lb.; 30c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

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

EARLY AMERICAN WONDER—It is one of the early wrinkled Peas, 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 1/4 lb.; 30c. per lb.; 10 lbs., $2.20; 100 lbs., $18.00.
### 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: 8½ feet. 10c. per ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### LONG ISLAND MAMMOTH or TELEGRAPH
Becoming a favorite with Long Island and New Jersey truckers; excellent cropper; pods large, well filled; quality excellent; peas green, wrinkled; vines, 3 feet. 10c. per ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### 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 ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### 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 ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### STRATAGEM IMPROVED “FERRY STRAIN”
—Pea, green, wrinkled, 2 feet; vigorous branching habit, under favorable conditions an enormous cropper; pods long, well filled with eight to eleven peas of the largest size, of extra fine flavor. 10c. per ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### TALL TELEPHONE
—A very fine late wrinkle pea. 10c. per ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### 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 ½ lb.; 25c. per lb.; 10 lbs., $2.20; 100 lbs., $20.00.

### CARTER’S DAIKY or DURF TELEPHONE
—Possesses the quality of Carter’s Telephone, except it grows half less in height. This makes it an exceptional valuable market sort;
### Sweet Mountain or Mammoth
Similar to the preceding in shape and color, but larger and milder in flavor.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price per pkt.</th>
<th>Price per oz.</th>
<th>Price per lb.</th>
<th>Price per sack of 150 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10c</td>
<td>$1.00</td>
<td>$3.50</td>
<td>$3.50</td>
<td>$6.50</td>
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</table>

### Long Red Cayenne
Fruit brilliant coral red; conical from 3 to 4 inches in length; very productive.

<table>
<thead>
<tr>
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<td>$6.50</td>
</tr>
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### Prices subject to fluctuation.

#### 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 size; also size of potato and yield; very early.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price per peck</th>
<th>Price per bushel</th>
<th>Price per sack of 150 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10c</td>
<td>$1.00</td>
<td>$3.50</td>
<td>$6.50</td>
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</table>

### 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.

<table>
<thead>
<tr>
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<td>$6.50</td>
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</tbody>
</table>

### Pepper Plants

#### Ready May First
Prices subject to fluctuation.

### Ruby King, Mountain Sweet, Pimiento and Cayenne
Out of seed-bed.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price per doz.</th>
<th>Price per 100.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10c</td>
<td>$0.75</td>
<td>$75</td>
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</tbody>
</table>

### Transplanted plants.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price per doz.</th>
<th>Price per 100.</th>
</tr>
</thead>
<tbody>
<tr>
<td>25c</td>
<td>$1.50</td>
<td>$150</td>
</tr>
</tbody>
</table>

### 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
Manure is applied either in rows or hills, or broadcast over the ground, and plowed in—the litter, 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 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 fluctuation.

#### 60 Pounds to a Bushel.

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.

#### Cushman Crookneck

<table>
<thead>
<tr>
<th>Description</th>
<th>Price per oz.</th>
<th>Price per lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10c</td>
<td>$0.15</td>
<td>$1.50</td>
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</tbody>
</table>

#### Large Cheese

<table>
<thead>
<tr>
<th>Description</th>
<th>Price per oz.</th>
<th>Price per lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>$2.25</td>
<td>$22.50</td>
</tr>
</tbody>
</table>

#### 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.

<table>
<thead>
<tr>
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<th>Price per pt.</th>
<th>Price per lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15c</td>
<td>$1.00</td>
<td>$10.00</td>
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</tbody>
</table>

#### Cushaw Crookneck
A good all-around pumpkin.

<table>
<thead>
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</thead>
<tbody>
<tr>
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#### Sweetpotato Tennessee
Buff yellow skin, medium size oblong fruit. Flavor resembles mashed sweet potatoes.

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<tbody>
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</tbody>
</table>
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. Matured in 17 days. Color, red. 10c. per pkt.; 15c. per oz.; 35c. per lb.; $1.00 per lb.

**EARLY SCARLET VICKS GLOBE**—An excellent forcer. 10c. per pkt.; 15c. per oz.; 35c. per 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 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 lb.; 90c. per lb.

**CHARTIFR or LONG ROSE**—Decidedly distinct in appearance from any radish in cultivation. The color at the top is crimson, rippling 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 lb.; $1.00 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 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 seed, and remains in prime condition for eating for fully two weeks. 10c. per pkt.; 15c. per oz.; 35c. per lb.; 80c. per lb.

**EARLY LONG SCARLET SHORT TOP**—The standard variety for market and private gardens. 5c. per pkt.; 15c. per oz.; 35c. per lb.; 75c. per lb.

**EARLY SCARLET TURNIP**—Very delicate in flavor; one of the best early sorts. 5c. per pkt.; 15c. per oz.; 35c. per lb.; 75c. per lb.
White Box, Crimson Giant, White Tip Scarlet

FRENCH BREAKFAST—A variety of quick growth; very mild and tender. 10c. per pkt.; 15c. per oz.; 35c. per ¼ 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 ¼ 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 ¼ lb.; 90c. per lb.

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 ¼ 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 ¼ lb.; $1.00 per lb.

WHITE SUMMER TURNIP—Large white; excellent for Summer use; very good market sort. 8c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; 90c. per lb.

BLACK SPANISH LONG—One of the hardiest and best for Winter use. 10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; $1.00 per lb.

WHITE SPANISH—Rather milder in flavor than the preceding. 10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; $1.00 per lb.

BLACK SPANISH ROUND—Good keeper. 10c. per pkt.; 15c. per oz.; 35c. per ¼ lb.; $1.00 per lb.

Horse Radish—5c. a Dozen Roots

Rhubarb

MYATTS VICTORIA—Cherry red in color, stalks immense, cook splendidly, are not stringy. 10c. per pkt.; 25c. per oz.; 75c. per ¼ lb.; $2.50 per lb.

SALSIFY OR OYSTER PLANTS

GERMAN HAFFERWURZEL, ITALIAN SASSAFRICA, POLISH JARZY OSTNYGA
RIBSAM'S MANUAL

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 ½ lb.; $1.50 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 ½ lb.; $3.50 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 ½ 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.

PRINCESS JULIANA—Leaves large, dark green, crumpled plant rather upright growth, will stand for a long time with out bolting to seed, good second early. 10c. per oz.; 20c. per ½ 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 ½ lb.; 45c. per lb.; 5 lbs. for $1.75.

BLOOMSDALE SAVOY GENUINE—The best market sort. 5c. per pkt.; 8c. per oz.; 15c. per ½ lb.; 35c. per lb.; 10 lbs. $3.00.

LARGE ROUND THICK-LEAVED VAROLY—A very large quick growing sort, very early spring variety, thick
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 ¼ lb; $1.25 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 ¼ lb; $1.25 per lb.

**WHITE BUSH SCALLOPED**—An early market variety; excellent for shipping. 5c. per pkt.; 15c. per oz.; 35c. per ¼ lb; $1.00 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.; 20c. per oz.; 40c. per ¼ lb; $1.25 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 ¼ 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 ¼ lb; $0.75 per lb.

**MAMMOTH CHILLY**—Grows to large size, often weighing over two hundred pounds. Excellent for all uses. 10c. per pkt.; 15c. per oz.; 30c. per ¼ lb; $1.25 per lb.

**ITALIAN VEGETABLE MARROW**—Long greenish-white variety, very sweet and tender; fine for cooking. 10c. per pkt.; 15c. per oz.; 40c. per ¼ lb; $1.25 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 ¼ 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 ¼ lb; $1.50 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 ¼ lb; $3.00 per lb.
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. Second early 10c. per pkt.; 90c. per oz.; $1.50 per 1/4 lb.; $5.00 per lb.

WAYAHEAD—A very early smooth, solid Red Tomato. Potato-leaf 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 1/4 lb.; $4.50 per lb.

JOHN BAER—Early, 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 1/4 lb.; $3.00 per lb.

BONNY BEST—An extra early bright red tomato; smooth, large and productive. 19c. per pkt.; 25c. per oz.; 85c. per 1/4 lb.; $3.00 per lb.

MATCHLESS—Large red fruit, general crop variety; good yielder. 10c. per pkt.; 25c. per oz.; 85c. per 1/4 lb.; $3.00 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 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.; 25c. per oz.; 85c. per 1/4 lb.; $3.50 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 1/4 lb.; $3.00 per 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 1/4 lb.; 60c. per lb.

YELLOW PLUM—A beautiful variety. Used principally for pickling. 10c. per pkt.; 45c. per oz.; $1.50 per 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 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; 15c. 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 RZEP A BRUKIEW

One ounce will sow 125 feet of drill 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 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 1/4 lb.; 60c. per 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 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 ¼ 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 ¼ 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-colored varieties for table use; it is equally good for feeding stock. 5c. per pkt.; 10c. per oz.; 20c. per ¼ 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 of stock. 5c. per pkt.; 10c. per oz.; 20c. per ¼ 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 ¼ 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 ¼ lb.; 60c. per lb.

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.

Purple-Top White Globe

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 ¼ lb.; 60c. per lb.

FARMOGERM CULTURE FOR LEGUMES—Culture for All Clovers, All Kinds of Beans, All Kinds of Garden Peas and All Kinds of Sweet Flowering Peas

Prices: Garden size for Sweet Peas, Beans and Garden Peas, 25c. per pkt.; for all Clovers, ¼ bushel size, 35c.; ½ bushel size, 60c.; bushel, $1.00; 2 ½ bushel, $2.25; 10 bushel size, $8.00; for Soja Beans, Cow Peas, Beans and Vetches, ¼ bushel size, 35c.; bushel size, 60c.; 5 bushel size, $2.25.
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

<table>
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<th>48 Pounds to a Bushel</th>
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<td>BARLEY — Six rows. Bearded.</td>
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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, 6c. 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, 13c. per lb.

HEMP (Cannabis Sativa) — 15c. per lb.; 15-lb. lots and over, 13c. per lb.

MAW (Papaver Rhoesos) — 25c. per lb.

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

RAPE (Brassir 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.

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

FLAX SEED (Linum Usitatissimum) — Extra cleaned. 20c. per lb.; 15-lb. lots and over, 18c. 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 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. 40c. per lb.; 15-lb. lots, 40c. per lb.; 100-lb. lots, 35c. per lb. 60 lbs. to a bushel.

CRIMSON CLOVER. Sow 10 to 15 pounds to an acre — A most valuable sort for soiling. It grows from three to four feet high. Sow in July and August for soiling or mowing the ensuing Spring. 35c. per lb.; 15-lb. lots, 30c. per lb.; 100-lb. lots, 18c. per lb. 60 lbs. to a bushel.

PEA VINE or MAMMOTH RED CLOVER — Sow 8 to 12 pounds to an acre — Resembles the Medium Red Clover, but grows coarser 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. Sow 8 to 12 pounds to an acre.—It is perennial, but of very few years duration. Considered the most nutritious of all the species, and most valuable for cattle feeding and soil improvement. 50c. per lb.—The quality of the seed is so superior that it will cut two to three tons, on an average, to an acre.

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. 15c. per lb.; 15-lb. lots, 20c. per lb.; 15c. per lb. in 100-lb. lots, 60 lbs. to a bushel.

WHIT CLOVER. Sow 4 to 6 pounds to an acre.—Valuable for lawn and pasture. 25c. 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.—Excellent for lawn. Makes close growing, velvety green sod. Very hardy. Best variety of grass for putting greens and makes a handsome lawn. $1.00 per lb.

FESCUE SHEEP.—Valuable 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.

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, 40c. 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-lb. lots, 60c. per lb; 50c. per lb. in 60-lb. lots.

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. This is the only grass that will divide the cost of the seed from the seed. It cuts 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. 35c. per lb.; 15-lb. lots and over, 30c. per lb.; 28c. per lb. in 100-lb. lots; $6.75 per bushel. 25 lbs. to a bushel.

OATS

Thirty-two Pounds to the Bushel

STORM KING.—A Side Oat, grain and straw again as large as the common Sprangel Oat and a very heavy yielder. 7c. per lb.; 15-lb. lots and over, 5c. per lb.

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, 7c. per lb.; $4.00 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, 7c. per lb.

RAPER

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, sheeps 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.

Sorghum or Amber Sugar Cane or Sorghum

ORKUM 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.—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 droops its seeds freely and will come up year after year. If sown in September will make a very excellent forage for following Spring. Will yield 15b. to 4 tons per acre. 20c. per lb.; 15-lb. lots and over, 10c. per lb. 60 lbs. to a bushel.

WINTER WHEAT

Sixty 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, 5c. per lb.; $2.25 per bushel.

LIPS PROLIFIC BALL. A first class milling wheat. 7c. per lb.; 15-lb. lots, 5c. per lb; $2.25 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.

ACANTHUS (Bear’s Breech)—Rosy white flowers, blooming in August and September. 10c. 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 CIRRHOEA (Mountain Fringe, Allegheny Vive)—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.

ALYSSUM (Mad Wort) CARPET OF SNOW—Dwarf, pure white. 5c. per pkt.

AMARANTHUS—Mixed colors, annual, bright red and variegated drooping flower spikes. 5c. per pkt.

AMARANTHUS TRICOLOR—“Joseph Coat.” Beautiful leaves of red, yellow and green. Very showy. 5c. per pkt.

AMMObium ALATUM, GR. FL.—Pretty annual “everlasting” flower. Silvery white with yellow disc, 2 ft. 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.

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.

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.

" SIMPLE BRANCHING—Mixed color. 5c. per pkt.
BEGONIAS—Tuber 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.

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 center. 5c. per pkt.

BROWALLA ALBA—Large white flower. 5c. 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.

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—Tuber Rooted

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.

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.

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

Antirrhinum (Snapdragon)

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

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

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

CARNATION (Iberis)—White and other solid colors. 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.

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.

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.

CARNATIONS DOUBLE (Mixed)—Very fine for cut flowers. 10c. 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 POL YANTHUS.

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 flowers. 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.

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

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

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.

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.

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.

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.

Dahlia (Single)

DIDISCUS COERULIUS (Blue Lace Flower)—Pretty annual, blooms profusely. Exquisite lavender blossoms are excellent for cutting. 10c. per pkt.
GYPSOPHILA (Baby Breath)—It bears large panicles of misty white flowers which are very suitable for mixing with other flowers. 5c. per pkt.

HELIOOTROPE (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. 5c. per pkt.

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

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

HOLLYHOCK—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—WHITE. 10c. per pkt.
" " YELLOW—10c. per pkt.
" " RED. 10c. per pkt.
" " PINK. 10c. per pkt.
RIBSAM'S MANUAL

Mignonette (Reseda) Odorata

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 colors beyond description. 10c. per pkt.

LICE PLANT—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.

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—No garden is complete without it, for its sweet fragrance is very pleasing. 5c. 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 warty when ripe; opens showing the seed and its brilliant carmine interior. Fine vine for trellis or rockery. 10c. per pkt.

MIMOSA SENSIFIGITA (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 frost 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 1/4 lb.; $1.00 per lb.

Tall or Climbing Varieties

MIXED COLORS—5c. per pkt.; 10c. per oz.; 25c. per 1/4 lb.; 75c. per lb.

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.
"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 pro-fuse bloomer. 10c. per pkt.
PETUNIA—Double and fringed, mixed colors. 25c. per pkt.

PHLOX DRUMMONDI—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. 10c. 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, rose-purple pea shape blossoms, splendid vine for covering verandas, dead wood, 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.

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.
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.
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)—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.

SCABIOSA (Morning Bride or Egyptian Rose)—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 Splendens)—A favorite bed or border plant, brilliant scarlet flower blooming from early season to frost. 10c. per pkt.

STOKESIA CYANEAE (Corn Flower)—Mixed colors. 10c. per pkt.

SCHEZANTHUS (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—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.
STOCK TEN WEEK (Gilliflower)—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.

VERBENA MAMMOTITH—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.

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

XERABTHEMEM (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

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

Violet Sweet

VIOLET SWEET—Large flowered single varieties, in blue and white. 3c. per pkt.

Sweet Peas
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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Color Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLANCHE</td>
<td>Pink white wings</td>
</tr>
<tr>
<td>DORIS</td>
<td>Brilliant orange, creese pink</td>
</tr>
<tr>
<td>FLORENCE NIGHTINGALE</td>
<td>Large fine pure lavender</td>
</tr>
<tr>
<td>GIANT ATTRACTION</td>
<td>Large shell pink</td>
</tr>
<tr>
<td>GOLDEN GLORY</td>
<td>Wonderful glowing orange</td>
</tr>
<tr>
<td>IVORINE</td>
<td>Cream suffused with buff-pink. Dainty color</td>
</tr>
<tr>
<td>KING EDWARD</td>
<td>Bright crimson scarlet, large flower</td>
</tr>
<tr>
<td>KING MAUVE</td>
<td>Attractive rich deep mauve</td>
</tr>
<tr>
<td>KING WHITE</td>
<td>Pure white, handsome</td>
</tr>
<tr>
<td>MARGARET ATTER</td>
<td>Rich pink; giant size</td>
</tr>
<tr>
<td>OLD ROSE</td>
<td>Lovely rose color</td>
</tr>
<tr>
<td>ROYAL PURPLE</td>
<td>Rich royal purple; one of the best</td>
</tr>
<tr>
<td>THE CARDINAL</td>
<td>Poppy scarlet; beautiful flower</td>
</tr>
<tr>
<td>WEDGWOOD</td>
<td>Bright silvery or wedgwood blue; popular color</td>
</tr>
</tbody>
</table>

**PRICE**—Any of the above colors, 10c. per pkt.; 25c. per oz.; 70c. per ½ lb.

**SWEET PEAS GRANDIFLORA**—Mixed colors. 10c. per pkt.; 15c. per oz.; 2 oz., 25c.; ½ lb., 40c.; $1.25 per lb.

---

**Common Names of Flowers**

<table>
<thead>
<tr>
<th>Amethyst, Browallia.</th>
<th>Baby's Breath, Gypsophila.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batchelor Button, Gomphrina.</td>
<td>Balloon Vine, Metrocarpa.</td>
</tr>
<tr>
<td>Bears Breech, Acanthus.</td>
<td>Beard Tongue, Penstemon.</td>
</tr>
<tr>
<td>Castor Bean, Rincinus.</td>
<td>Canterbury Bell, Campanula.</td>
</tr>
<tr>
<td>Columbine, Aqualagia.</td>
<td>Cockscamb, Celosia.</td>
</tr>
<tr>
<td>Cowslip, English Primrose.</td>
<td>Corn Flower, Centauria Cyanus.</td>
</tr>
<tr>
<td>Cup and Saucer, Cobea Scandense.</td>
<td>Devil in the Bush, Negella.</td>
</tr>
<tr>
<td>Dutchmanspipe, Aristolocha.</td>
<td>English Daisy, Bellis.</td>
</tr>
<tr>
<td>Flamas Nettle, Coleus.</td>
<td>Floss Flower, Ageratum.</td>
</tr>
<tr>
<td>Flowering Maple, Abutilion.</td>
<td>Fire Ball, Kochia.</td>
</tr>
<tr>
<td>Fox Glove, Digitalis.</td>
<td>Forget-Me-Not, Myosotis.</td>
</tr>
<tr>
<td>Four O’Clock, Marvel of Peru.</td>
<td>Fringe Flower, Schizanthus.</td>
</tr>
<tr>
<td>Giant Spider, Cleonia.</td>
<td>Gillaflower, Ten Week Stock.</td>
</tr>
<tr>
<td>Golden Glow, Rudbeckia.</td>
<td>Gours, Cucurbita.</td>
</tr>
<tr>
<td>Ice Plant, Mesembryanthemum.</td>
<td>Indian Shoot, Canna.</td>
</tr>
<tr>
<td>Kenelworth Ivy, Linaria.</td>
<td>Lady Slipper, Balsam.</td>
</tr>
<tr>
<td>Larkspur, Delphinium.</td>
<td>Love in a Puff, Balloon Vine.</td>
</tr>
<tr>
<td>Love in a Mist, Negella.</td>
<td>Madworth, Abyssum.</td>
</tr>
<tr>
<td>Monks Hood, Aconitum.</td>
<td>Morning Glory, Convulvulus.</td>
</tr>
<tr>
<td>Monkey Flower, Minulus.</td>
<td>Morning Bride, Scabiosa.</td>
</tr>
<tr>
<td>Morning Flower, Helichrysum.</td>
<td>Pot Marigold, Calendula.</td>
</tr>
<tr>
<td>Reseda, Mignonetta.</td>
<td>Ragged Robin, Centauria Cyanus.</td>
</tr>
<tr>
<td>Scarlet Sage, Salvia.</td>
<td>Snap Dragon, Antirrhinum.</td>
</tr>
<tr>
<td>Sea Pink, Ameria.</td>
<td>Snap River Daisy, Darchycome.</td>
</tr>
<tr>
<td>Shasta Daisy.</td>
<td>Sultan Sweet, Centauria Imperialis.</td>
</tr>
<tr>
<td>Snow on the Mountain, Euphorbia.</td>
<td>Scarlet Blanket, Gillardia.</td>
</tr>
<tr>
<td>Scarlet Blanket, Gillardia.</td>
<td>Straw or Eternal Flower, Helichrysum.</td>
</tr>
<tr>
<td>Sensative Plant, Mimosa.</td>
<td>Sun Plant, Portulaca.</td>
</tr>
<tr>
<td>Sunflower, Helianthus.</td>
<td>Sweet William, Dianthus Barbatus.</td>
</tr>
<tr>
<td>Sweet William, Dianthus Barbatus.</td>
<td>Tassel Flower, Callirhea.</td>
</tr>
<tr>
<td>Trumpet Flower, Datura.</td>
<td>Wall Flower, Cheanthus.</td>
</tr>
<tr>
<td>Wool Flower, Kochia.</td>
<td>Youth and Old Age, Zinnia.</td>
</tr>
</tbody>
</table>
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., $37.00; 17 in., $39.50; 19 in., $44.50; 21 in., $88.50. 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 mower 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.

"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 10½ in. wheel and is a pleasure when in use. 14", $17.25; 16", $18.50; 18", $19.75; 20", $21.00.

"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.

"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 10½ in. wheels. Price, 14", $18.50; 16", $20.00; 18", $21.75; 20", $22.50.

"AMBASSADOR"

The best medium grade mower built. Full Roller bearing.

"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.

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.
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.

COLDWELL MODEL L—


Lawn Cleaners $30.00, $35.00

Model "R" $285.00
Lawn and Garden Sprinklers and Sprayers

Oscillating $15.00 and $18.00

Fountain $1.25

Marsh Oscillating $35.00

Adjustable 90c

Skinner Sprinkler $15.00

Ring Sprinkler 75c

Brass Sprinkler 75c & $1.00

Gem Sprinklers 75c
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.

<table>
<thead>
<tr>
<th>No.</th>
<th>Dia.</th>
<th>Sect.</th>
<th>Lbs.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>504</td>
<td>20 x 20</td>
<td>2</td>
<td>250</td>
<td>$26.00</td>
</tr>
<tr>
<td>507</td>
<td>20 x 24</td>
<td>2</td>
<td>300</td>
<td>42.00</td>
</tr>
<tr>
<td>509</td>
<td>24 x 20</td>
<td>2</td>
<td>400</td>
<td>42.00</td>
</tr>
<tr>
<td>511</td>
<td>24 x 24</td>
<td>3</td>
<td>500</td>
<td>46.00</td>
</tr>
</tbody>
</table>

Less 10% cash discount.

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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>602</td>
<td>18 x 24</td>
<td>85</td>
<td>330</td>
<td>$19.50</td>
</tr>
<tr>
<td>604</td>
<td>24 x 32</td>
<td>135</td>
<td>599</td>
<td>24.50</td>
</tr>
</tbody>
</table>

= 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.......................... $27.00
40" Cutting Bar.......................... 35.00
30" Cutting Bar with Wheel.............. 31.00
Lopping Shears, $1.50 to $4.50

Grass Shears, 75c to $3.00

Lopping Shears, $1.50 to $4.50

Hedge Shears, $1.75 to $4.50

Wet Stones, Pikes, 15c to 35c

Sickles, 65c to 75c

Sheath and Scythe, $2.25 to $3.75

Wire Lawn Rakes, $1.00 to $1.50

Grass Whip, $1.25

Pruning Saw, $1.75 to $3.50

Garden Trowels, 15c to 90c

TREE PRUNERS OF VARIOUS KINDS & LENGTHS
Prices 50c to $1.65

Digging Fork $1.35 to $2.25

Edging Shears, $4.00 to $4.75

Hay Knife $1.75

Garden Hoses, 50c to $1.25

Axe Handles, Hickory 40c 50c

Stub Hoes, $1.65 to $2.00

Square Point Shovel, 75c to $2.50

Brier Hook, $1.25

Walk Edger, $1.25
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, 1¾.

Garden Syringe, $3.50 to $9.50

Galvanized Watering Pot, 60c to $2.25

French Watering Pot, $4.50 to $6.50

Handy Seeder for Sowing Small Seeds Regular, $1.50

Asparagus Buncher, $4.50 to $8.50

Asparagus Knives, 35c

Brush Hooks, $1.65 to $2.00

Norcross Cultivator, 75c to $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.

ALL PLANET, JR., TOOLS, 10% CASH DISCOUNT OF LIST PRICES
No. 8 PLANET Jr., HORSE HOE AND CULTIVATOR
A wonderful combination of horse hoe and cultivator, recognized as the farmer's friend. Carefully built of the best materials. Attachments include: four 3-inch by 8-inch cultivator steels; one 4-inch by 8-inch cultivator steel; two 6-inch hiller; one 7-inch shovel; lever heel; lever expander; depth regulator. $17.50.

No. 9 PLAIN CULTIVATOR
Equipment: four 3-inch by 8-inch cultivator steels; one 4-inch by 8-inch cultivator steel; one lever expander. $11.75.

No. 83-D PLANET Jr., 7-TOOTH CULTIVATOR
Equipment: seven 2 1/2-inch by 8-inch cultivator steels; lever expander. $13.50.

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 26 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 2 1/4-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. $79.00.
All Planet Jr., Tools 10% discount for cash.
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.

Imperial Brass Pump—For general use; with three cylinders.

Perfect Bucket Spray Pump—Complete with hose and two nozzles. Brass, with three cylinders.

Defiance Bucket Spray Pump—Brass, with hose and graduating Vermoral nozzle, fine, coarse spray and solid stream.

Perfect Knapsack Spray Pump—Fully equipped, in galvanized tin, and brass.

Whitewash Sprayer—Complete with agitator, extension and nozzle.

Improved Brass Barrel Spray Pump—Complete with hose and nozzle.

Cog-Gear Hydraulic Spray Pump—Pump with suction hose complete, two lead hose, pipe extension and nozzle.

Double-Acting Cog-Gear Spray Outfit—Fifty-gallon barrel mounted horizontally on skids, complete with 15 feet of ¾ inch hose and extension.

Duplex Cog-Gear Hand Spray Pump—Complete with pump alone, double acting and vertical cylinder.

MECHLING’S LIME-SULPHUR SOLUTION

In Barrels or by the Gallon

MECHLING’S SPRAY OILS, PRATT’S SCALECIDE

In Barrels 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.
Speedex, $3.00

Hose Spray Nozzle, $1.25

Armstrong Sprayer, $6.50

Varmerel, 75c

Bordeaux, 90c

Barrel Spray Complete 15 ft. Hose, Pipe, Nozzles, etc., $30.00

Miston, $1.50 to $2.00

Myers Bucket, $4.50

12 Gallons on Wheels, $22.50

Auto Spray, $6.50 to $9.00

White-Wash Sprayer, $9.00
It Sprays Continuously

Continuous Sprayer, $1.25 to $2.00

Gem Sprayer, 35c to $1.25

Brass Filler Cap

Jim Dandy Sprayer, $3.50

Dry Powder Duster $1.85

Paragon Sprayer on Wheels, the best White-Wash Sprayer made, $25

Acre Hour Duster, $1.00

Slug Shot, 60c, 5 lbs; 18c 1 lb.

Powder Bellow, $1.85

Barrel Spray, $20; on wheels, $30

Dry Powder Duster, $15.00
Champion Axe, $2.00 to $2.25

Cradle, $4.50 to $5.75

Cahoon Seeder, $6.50

Hay Forks, $1.00 to $1.75

Corn Knife, 50c to 75c

Oist^n Cross Cat Saws, $2.75 to $4.75

Muzzles 25c

Curry Combs 20c to 35c

Horse Brushes 65c to $2.50

Rattan Broom $1.00 to $1.35

Tie Out Chain, 20 ft. 80c; 30 ft. $1; 40 ft. $1.25
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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Outside Diameter</th>
<th>Depth</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 0</td>
<td>24 inches</td>
<td>24</td>
<td>$14.00</td>
</tr>
<tr>
<td>No. 1</td>
<td>23 inches</td>
<td>22</td>
<td>12.50</td>
</tr>
<tr>
<td>No. 2</td>
<td>21 inches</td>
<td>20</td>
<td>11.25</td>
</tr>
<tr>
<td>No. 3</td>
<td>18 inches</td>
<td>18</td>
<td>9.10</td>
</tr>
<tr>
<td>No. 4</td>
<td>16½ inches</td>
<td>16</td>
<td>7.35</td>
</tr>
<tr>
<td>No. 5</td>
<td>14 inches</td>
<td>14</td>
<td>6.60</td>
</tr>
<tr>
<td>No. 6</td>
<td>12 inches</td>
<td>12</td>
<td>5.25</td>
</tr>
<tr>
<td>No. 7</td>
<td>11 inches</td>
<td>10</td>
<td>4.65</td>
</tr>
<tr>
<td>No. 8</td>
<td>10 inches</td>
<td>9½ in.</td>
<td>4.00</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Size</th>
<th>Inside Diameter</th>
<th>Depth</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>6 in.</td>
<td>6 in.</td>
<td>$0.65</td>
</tr>
<tr>
<td>No. 2</td>
<td>7 in.</td>
<td>7 in.</td>
<td>.70</td>
</tr>
<tr>
<td>No. 3</td>
<td>8 in.</td>
<td>8 in.</td>
<td>.75</td>
</tr>
<tr>
<td>No. 4</td>
<td>9 in.</td>
<td>9 in.</td>
<td>.85</td>
</tr>
<tr>
<td>No. 5</td>
<td>10 in.</td>
<td>9 in.</td>
<td>.90</td>
</tr>
<tr>
<td>No. 6</td>
<td>11 in.</td>
<td>10 in.</td>
<td>1.15</td>
</tr>
<tr>
<td>No. 7</td>
<td>12 in.</td>
<td>11 in.</td>
<td>1.35</td>
</tr>
<tr>
<td>No. 8</td>
<td>13 in.</td>
<td>12 in.</td>
<td>1.80</td>
</tr>
<tr>
<td>No. 9</td>
<td>14 in.</td>
<td>13 in.</td>
<td>2.00</td>
</tr>
<tr>
<td>No. 10</td>
<td>15 in.</td>
<td>14 in.</td>
<td>2.15</td>
</tr>
<tr>
<td>No. 11</td>
<td>16 in.</td>
<td>15 in.</td>
<td>2.60</td>
</tr>
<tr>
<td>No. 12</td>
<td>17 in.</td>
<td>16 in.</td>
<td>3.00</td>
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<tr>
<td>No. 13</td>
<td>18 in.</td>
<td>18 in.</td>
<td>4.00</td>
</tr>
<tr>
<td>No. 14</td>
<td>19 in.</td>
<td>18 in.</td>
<td>4.20</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Sizes</th>
<th>Each</th>
<th>Dozen</th>
<th>100</th>
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<tbody>
<tr>
<td>2</td>
<td>100</td>
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<td>1.20</td>
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<tr>
<td>14</td>
<td>1.50</td>
<td>15.00</td>
<td>120.00</td>
</tr>
</tbody>
</table>

SPIGOTS—Wood. 12c. to 30c.
SPAGNUM MOSS—$3.25 bale.
STAKES, PLANT (Round)—Painted.
STAKES, PLANT (Square).
DOWELS, Plain.

We also carry Bamboo and Hyacinth stakes.

SCISSORS—Rose shears, grape trimming, grape and flower gathering. 40c. 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. $1.00 to $2.25.
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
Power Sizes, $12 to $21

Enterprize Choppers, all sizes
$2.00 to $7.50

Mole Traps $2.50

Tree Guards, $1.75 each

Feed Cookers
$15, $16.50, $18, $21

Banner Root Cutter,
$17.50 to $35
Insecticides and Fungicides

Prices Subject to Market Fluctuations

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

ANT FOOD, MacGRoRE'S—Dust when ants are in evidence. It will kill them. 1/2 lb. can, 50c.

APHINE—Kills plant lice of every description. A strong nicotine extract. 1 qt., $1.15; $4.00 per gal.

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

ARSENITE OF LEAD—The best of arsenical 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.; 1/2 lb., $1.25; 2 lbs., $5.50; 10 lbs., $13.50.

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. 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.

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

CROW CORN—Very alluring to cut worms. It will not kill birds. Will run through seeders. 25c. per pt.; 40c. per qt.

CUT-WORM KILLER—For use. One quart to 50 gal. of water. For fungous diseases.

GERM PUNK—A nicotine paper for fumigating. 90c. per box. Prices upon request for larger quantities.

GERM PUNK—A nicotine paper for fumigating. 90c. per box. Prices upon request for larger quantities.

HELLEBORE—Destroys insects and worms on currant vines, roses and shrubs. 1/2 lb., 20c.; 1/2 lb., 35c.; 1 lb., 60c.

INSECT OR DALMATION POWDER—For fleas, lice, moths, and ants. 25c. per pkg.

LIME-SULPHUR SOLUTION (POWDER)—Used same as above. Dissolves entirely in cold water. 20c. per lb.; $1.00 per 10 lbs.

LIME-SULPHUR SOLUTION (LIQUID)—The best known of scale and fungous destroyers. Good on pears and peaches. Use during dormant season. 1 gal., 60c.; $1.25 per bbl. Special prices on quantity.

LIME-SULPHUR SOLUTION POWDER—Used same as above. Dissolves entirely in cold water. 20c. per lb.; $1.00 per 10 lbs.

LIME-SULPHUR SOLUTION POWDER—Used same as above. Dissolves entirely in cold water. 20c. per lb.; $1.00 per 10 lbs.

LIME-SULPHUR SOLUTION LIQUID—For use. One quart to 50 gal. of water. For fungous diseases.

LIME Sulphur SOLUTION POWDER—For spraying and fumigating. Will kill most insects and scale. 1/2 lb., 75c.; 1 lb., 2.25.; 4 lbs., $8.00.

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

NICKOTEEN—Kills aphids, thrips, rosebug, green fly, plant lice, mealy bugs, etc. Bottle, 40c.; 1 gal., $1.25; 2 lb., $2.00; 4 lbs., $6.00.

PARIS GREEN—Used for potato bugs and other eating insects. 1 lb., 50c.; 5 lbs., $1.45; 10 lbs., $2.00.

PEACH DUST—Kills mildew indoors and out; also mites and scale. 1 lb., 65c.

PEAR LOOP—Kills insects and worms. 1 lb., 50c.; 3 lbs., $1.45; 10 lbs., $4.50.

PECK—A nicotine solution for spraying or fumigating. 1 oz., 45c.; 1 gal., $1.75; 5 gal., $6.50.

PINE OIL—Destroys insects and worms on currant vines, roses and shrubs. 1/2 lb., 20c.; 1/2 lb., 35c.; 1 lb., 60c.

SULPHUR POWDERED—Used on steam pipes in paste form or for spreading on roses for mildew. 5c. per lb.; $0.50 per 10 lbs.

TOBACCO POWDER—10c. per lb.; 25 lbs., $1.75; 100 lbs., $2.00.

TOBACCO STEMS—Used for covering lawns to furnish ammonia and drive away insects and moles. 5c. per lb.; $3.00 per 100 lbs.
POULTRY SUNDRIES
Prices Subject to Fluctuation

Drinking Fountains, Hoppers, Feeders, etc.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanized Wall Fountains</td>
<td>40c. to 75c.</td>
</tr>
<tr>
<td>Peerless Galvanized Brooder Fountains</td>
<td>30c. to 85c.</td>
</tr>
<tr>
<td>Wolfe Galvanized Fountains, 1 qt.</td>
<td>50c.</td>
</tr>
<tr>
<td>Apex Side Cups for Coops, Galvanized</td>
<td>15c. and 25c.</td>
</tr>
<tr>
<td>Stone Ware Drinking Fountains</td>
<td>25c. and 65c.</td>
</tr>
<tr>
<td>Norwich Automatic Air-lock Fountain</td>
<td>$3.00</td>
</tr>
<tr>
<td>Galvanized Fountain</td>
<td>25c. to 60c.</td>
</tr>
<tr>
<td>Cast-Iron Fountains</td>
<td>35c. to 60c.</td>
</tr>
<tr>
<td>Apex Galvanized Chick Feeder, Double</td>
<td>40c. to 75c.</td>
</tr>
<tr>
<td>Apex Galvanized Chick Feeders, Single</td>
<td>30c. to 75c.</td>
</tr>
<tr>
<td>Cast-Iron Compartment Chick Feeders</td>
<td>30c. to $1.25</td>
</tr>
<tr>
<td>Apex Style-Wall Galvanized Box Feeders</td>
<td>50c. to 75c.</td>
</tr>
<tr>
<td>Hub Galvanized Feeder</td>
<td>50c. and 60c.</td>
</tr>
<tr>
<td>Folwell Sanitary Galvanized Dry Mash Feeder</td>
<td>90c. and $1.00</td>
</tr>
<tr>
<td>Perfect Galvanized Dry Mash Feeder and Grit Box, 60c. to 75c.</td>
<td>$2.50 to $5.00</td>
</tr>
<tr>
<td>Norwich Automatic Feeder</td>
<td>$2.50 to $5.00</td>
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<tr>
<td>Jersey Sanitary Dry Food Hopper</td>
<td>$9.50 to $2.50</td>
</tr>
<tr>
<td>Ideal Dry Mash Feeder</td>
<td>$8.75 to $2.25</td>
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<tr>
<td>6-in-1 Exerciser and Feeder</td>
<td>$8.75 to $5.00</td>
</tr>
<tr>
<td>Conners Oat Sprouters</td>
<td>$2.25 to $4.00</td>
</tr>
<tr>
<td>Aluminum Leg Bands (3 styles), 15c. per doz.; 65c. per hundred</td>
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<tr>
<td>Celluloid Leg Bands</td>
<td>15c. per doz.; 60c. per 100</td>
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<tr>
<td>Celluloid Pigeon Bands</td>
<td>15c. per doz.; 60c. per 100</td>
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<tr>
<td>Incubator Thermometers</td>
<td>25c. to $1.00 each</td>
</tr>
<tr>
<td>Star Bottom Fountain</td>
<td>15c. each; $1.50 dozen</td>
</tr>
</tbody>
</table>

Prices and Catalogue Cheerfully sent on application.

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

<table>
<thead>
<tr>
<th>Egg Count</th>
<th>Price</th>
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<tbody>
<tr>
<td>100</td>
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<tr>
<td>140</td>
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<td>240</td>
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<td>1100</td>
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<tr>
<td>1400</td>
<td>$225.00</td>
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<td>2200</td>
<td>$365.00</td>
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</table>

Less 10% cash discount.

Notice the Special Prices and Discounts

HOT AIR

<table>
<thead>
<tr>
<th>Egg Count</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>100</td>
<td>$20.00</td>
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<tr>
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<td>240</td>
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<td>700</td>
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<tr>
<td>1100</td>
<td>$145.00</td>
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<tr>
<td>1400</td>
<td>$180.00</td>
</tr>
</tbody>
</table>

Less 10% cash discount.

OIL BURNER BROODERS FOR INDOORS

MAGIC COAL BURNING BROODERS MADE IN TRENTON, N. J.

<table>
<thead>
<tr>
<th>Chick Size</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>800</td>
<td>$22.00</td>
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<tr>
<td>1000</td>
<td>$27.00</td>
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<tr>
<td>1500</td>
<td>$32.00</td>
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RELIABLE COAL BURNING BROODERS

<table>
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<th>Chick Size</th>
<th>Price</th>
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<tr>
<td>800</td>
<td>$26.50</td>
</tr>
<tr>
<td>1000</td>
<td>$30.00</td>
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</tbody>
</table>

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; Spatt's Chick-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, 3c. to 5c. 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, 25c.

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, $9.50

No. 5-B, with balance wheel, 12.50

No. 7, best size for a yard of 100 hens and over, 18.50

No. 7½, hand and power, 25.00

No. 11, power only, $6.00
Pan-a-ce-a, 75c Pkt., $3.00 bucket. Keg on application
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 1/2 inches at top, 1 1/2 inches at bottom, making fence absolutely chicken-proof. Best heights are 36, 42 and 48 inches.

Price per Lineal Foot—Style "F"—36-inch, 15 cents; 42-inch, 17 cents; 48-inch, 19 cents. 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.

FOR COMPLETE FENCE CONSTRUCTION

Prices Will Be Given on Application
# Wire Fencing and Poultry NETTING

**150 ft. Rolls**

Galvanized After Weaving

<table>
<thead>
<tr>
<th>2&quot; Mesh No. 20 Wire</th>
<th>1&quot; Mesh No. 20 Wire Galvanized after Weaving</th>
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</thead>
<tbody>
<tr>
<td>12 inches Wide</td>
<td>150 foot Roll.</td>
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<td>12</td>
<td>$1.20</td>
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<td>18</td>
<td>1.75</td>
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<td>24</td>
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<tr>
<td>48</td>
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<td>60</td>
<td>5.15</td>
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<td>72</td>
<td>6.25</td>
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**Less than Roll, 1½c. sq. foot.**

<table>
<thead>
<tr>
<th>2&quot; Mesh No. 16 Wire, Galvanized after Weaving</th>
<th>1&quot; Mesh No. 20 Wire Galvanized after Weaving</th>
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<tbody>
<tr>
<td>150 ft. Roll.</td>
<td>150 foot Roll.</td>
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<tr>
<td>36 inches Wide</td>
<td>$7.00</td>
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<td>42</td>
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<td>48</td>
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<tr>
<td>60</td>
<td>10.50</td>
</tr>
<tr>
<td>72</td>
<td>13.00</td>
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</tbody>
</table>

**Less than Rolls, 3c. sq. foot.**

---

**Pittsburgh Perfect Fencing,** 165 ft. Rolls, Heavy Gauge Wire. No. 9 and 11 Wire.

- 26 inches high, 7 wires, 6 inches stay... $5.50
- 32 inches high, 8 wires, 6 inches stay... $6.50
- 39 inches high, 9 wires, 6 inches stay... $7.50

**Pittsburgh Poultry Fencing**

Heavy Gauge Wire, 165 ft. Rolls

- No. 11 and 13 Wire.
  - 46 inches high. $7.50
  - 52 
  - 58 

**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**

- 34 inches high, 6 Wires, 12" Stay... $4.50
- 45 inches high, 8 Wires, 12" Stay... $6.50

---

**Special Prices on 100 Rods or More**

**Barb-Wire—$5.50 per 100 lbs. No. 9 Wire**

- ½ Galvanized. $5.50 per 100 lbs.
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. 35c. to 85c.

BOTTLE-WASHING MACHINES.

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.
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

Prices Subject to Fluctuations

Ask for Catalogue.

REID’S BUTTER WORKER

No. 3. $16.00
No. 4. 12.00

Barrel Churns, 3 Gallons to 60 Gallons, $4.50 to $27.00
With Power Attachment, If Wanted

Tub Churns, $2.25 to $5.00 Babcock Tester, $4.50 to $6.00
Sanitary Block Tin Pails, $4.50 Cow Weaners, 50c to $1.25

The Warner Stanchion is the best wood stanchion made and is easier on your cattle than any other. Price: Double bolted, $2.75.
Our stock is very complete

INTERNATIONAL
and UNITED

In Air and Water
Cooled Types

1½ H. P.
$65.00

3 H. P.
$115.00

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.

Also New Way and Cushman Engines for Potato Diggers and Grain Binders

6 H. P.
$180.00
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.

This Swinging Wringer Electric Washer cannot be equaled for the money. Solid copper tub, nickel plated. $117.50.

THE TWIN TUB—This washer has two tubs with a collapsible platform which will hold two tubs or a basket. The wringer revolves under tubs and is protected. $140.00.
Step Ladders, 55c to 85c per foot

Farmers Boilers, $22.00 to $40.00, according to size

Saw Frames, $22.50 to $27.50
Circular Saws, from $4.50 to $8.50 according to size

Extension Ladders, 45c to 55c per foot

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.

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.

Electric Cellar Drainer, $80.00

Martin C. Ribsam & Sons Co.

143-5-7 E. FRONT STREET
TRENTON, N. J.
ROOFING
RU-BER-OID and KA-LOR-OID
RU-BER-OID STRIP-SHINGLES

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.

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.

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 a small house. $3.00.


Always use RU-BER-OID for your Poultry Houses, Sheds, Barns, etc., it is by far the best.

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.

HAY FORKS—We carry the Harris and Nellis single harpoon forks, Farrel grapple fork and Ney Slings. We can supply you with 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.

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.
A SEED INOCULATION THAT INCREASES CROP PRODUCTION

It is certain that well-inoculated legumes have greater root systems than uninoculated legumes or plants that are not nitrogen gatherers. They therefore reach the potash, phosphate, and lime contained in the subsoil and the decay of the root and shibble or the whole crop returns to the soil in more available form. Everything that was taken from it.

Price for Mulford Cultures:
- 3/4 acre size, 35c
- 1 acre size, 75c
- 5 acre size, $1.50

Made only for the individual crops of Garden Beans, Garden Peas, Lima Beans and Sweet Peas, Clovers of all kinds, Vetch, Soja Beans, Cow Peas, etc.

This drawing, made from an actual photograph, shows inoculated Vetch compared with an uninoculated specimen.

---

High Grade Fertilizers

Special Prices on Application on Two-Ton Lots and Upward

F. O. B. Factory, Special Prices

Prices Subject to Market Variations

PURITY GROUND BONE—This is strictly a bone fertilizer. 5c. per lb.; 25 lbs., $1.00; $3.25 per 100 lbs.; $55.00 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; $85.00 per ton. 8-8-5.

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.; $75.00 per ton. 4-8-6.

STEAM BONE—A good, quick-acting fertilizer with long duration in soil. 10c. per lb.; 25 lbs., $1.50; $5.00 per 100 lbs.; $100.00 per ton. 20-3-0.

CORN AND SWEET POTATO FERTILIZER—5c. per lb.; 25 lbs., 90c.; $3.75 per 100 lbs.; $36.00 per ton. 2-8-5.

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.

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; 1/4 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.
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. 80 Rose Arch is substantially built on simple lines. Its depth is 2 feet, with width of 3, 4 or 5 feet, as desired. Price, 3 feet width, $11.00; 4 feet, $12.50; 5 feet, $14.00.

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.
Scientific Preparations Endorsed by Leading Rosarians and by Us

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

**Fungtrogen**

<table>
<thead>
<tr>
<th>Quart</th>
<th>1/2 gal.</th>
<th>1 gal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5.50</td>
<td>$10.00</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

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

**Aphistrogen**

<table>
<thead>
<tr>
<th>2 oz. (sample bottle)</th>
<th>1 lb. (pint)</th>
<th>2 lbs. (quart)</th>
<th>12 lbs. (1/2 gals.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.50</td>
<td>$2.25</td>
<td>$3.50</td>
<td>$15.00</td>
</tr>
</tbody>
</table>

A remarkably effective insecticide that kills 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 Fungtrogen. Both carry their own spreader. Only water is required.

**Insectrogen**

<table>
<thead>
<tr>
<th>1/2 pt.</th>
<th>1 pt.</th>
<th>1/2 gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.25</td>
<td>$2.50</td>
<td>$4.50</td>
</tr>
</tbody>
</table>

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

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

**Ferogen**

<table>
<thead>
<tr>
<th>1-lb. tins.</th>
<th>10-lb. tins.</th>
<th>25-lb. tins.</th>
<th>100-lb. kegs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.75</td>
<td>$4.75</td>
<td>$11.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

Autumn-Winter Ground Dressing and Soil Disinfector. 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.

**Terogen**

<table>
<thead>
<tr>
<th>1-lb. tins.</th>
<th>10-lb. tins.</th>
<th>25-lb. tins.</th>
<th>100-lb. kegs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.75</td>
<td>$4.75</td>
<td>$11.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

NOTE—A 10-pound tin of Ferogen or Terogen is sufficient for one application for 30 to 50 rose bushes.

25 lb. $1.75; 50 lbs. $3.00; 100 lbs. $5.00
The Dexter Double Tub is actually two complete washers in one, for the price of one. From casters to wringer top it is built entirely of enduring metals. The glistening nickel copper tubs are self-draining and of large capacity. Cast aluminum steam-proof lids, the famous Dexter agitator which creates the most thorough yet gentle washing action ever devised, improved swinging wringer with instant safety release, self-oiling bearings throughout—these are some of the quality features of model NA-35-E you'll appreciate. Here's a washer that “cuts washing time in two,” and gets soiled clothes beautifully white and clean with much less effort and fatigue.

This handsome, sturdy, highly efficient machine possesses all the quality features of the double tub model NA-35-E. It's the speediest, most thorough single tub washer known. A tubful of soiled clothes, even the hard-to-get-clean pieces like collars, cuffs and neckbands, come out CLEAN in five minutes or less.

Women who prefer a single tub washer quickly recognize the wonderful advantages, the exceptional quality of model NA-5-E. It's a washer that will serve you dependably for a lifetime, saving your time, clothes, and many hours of unnecessary labor.

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
### 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.

<table>
<thead>
<tr>
<th>Vegetable</th>
<th>Average Germination 1 Year Old Seed</th>
<th>Average Duration of Germination Power in Years</th>
<th>Average Number of Seeds Per Ounce</th>
<th>Average Weight of Quart of Seed in Ounces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus</td>
<td>90%</td>
<td>3</td>
<td>1,000</td>
<td>4</td>
</tr>
<tr>
<td>Beans, Dwarf</td>
<td>90%</td>
<td>3</td>
<td>100</td>
<td>30</td>
</tr>
<tr>
<td>Beans, Pole</td>
<td>90%</td>
<td>100</td>
<td>30</td>
<td>3</td>
</tr>
<tr>
<td>Beet, Garden</td>
<td>90%</td>
<td>90%</td>
<td>100</td>
<td>30</td>
</tr>
<tr>
<td>Beet, Mangold</td>
<td>80%</td>
<td>4</td>
<td>1,750</td>
<td>10</td>
</tr>
<tr>
<td>Brussels Sprouts</td>
<td>85%</td>
<td>4</td>
<td>6,500</td>
<td>24</td>
</tr>
<tr>
<td>Cabbage</td>
<td>85%</td>
<td>4</td>
<td>5,000</td>
<td>24</td>
</tr>
<tr>
<td>Carrot</td>
<td>75%</td>
<td>3</td>
<td>14,000</td>
<td>12</td>
</tr>
<tr>
<td>Cauliflower</td>
<td>75%</td>
<td>4</td>
<td>14,000</td>
<td>24</td>
</tr>
<tr>
<td>Celery</td>
<td>80%</td>
<td>3</td>
<td>100,000</td>
<td>16</td>
</tr>
<tr>
<td>Collards</td>
<td>88%</td>
<td>3</td>
<td>4,500</td>
<td>24</td>
</tr>
<tr>
<td>Corn, Sweet</td>
<td>85%</td>
<td>3</td>
<td>7,225</td>
<td>23</td>
</tr>
<tr>
<td>Cucumber</td>
<td>85%</td>
<td>5</td>
<td>1,000</td>
<td>18</td>
</tr>
<tr>
<td>Eggplant</td>
<td>75%</td>
<td>5</td>
<td>5,000</td>
<td>18</td>
</tr>
<tr>
<td>Endive</td>
<td>80%</td>
<td>2</td>
<td>8,000</td>
<td>18</td>
</tr>
<tr>
<td>Kale</td>
<td>85%</td>
<td>6</td>
<td>16,000</td>
<td>14</td>
</tr>
<tr>
<td>Kohlrabi</td>
<td>85%</td>
<td>5</td>
<td>1,200</td>
<td>12</td>
</tr>
<tr>
<td>Leek</td>
<td>80%</td>
<td>2</td>
<td>8,000</td>
<td>18</td>
</tr>
<tr>
<td>Lettuce</td>
<td>90%</td>
<td>6</td>
<td>16,000</td>
<td>14</td>
</tr>
<tr>
<td>Molon, Musk</td>
<td>85%</td>
<td>5</td>
<td>7,225</td>
<td>23</td>
</tr>
<tr>
<td>Molon, Water</td>
<td>85%</td>
<td>5</td>
<td>1,000</td>
<td>18</td>
</tr>
<tr>
<td>Mustard</td>
<td>85%</td>
<td>3</td>
<td>18,000</td>
<td>30</td>
</tr>
<tr>
<td>Olera</td>
<td>85%</td>
<td>1</td>
<td>425</td>
<td>20</td>
</tr>
<tr>
<td>Onion</td>
<td>80%</td>
<td>2</td>
<td>12,500</td>
<td>16</td>
</tr>
<tr>
<td>Parsley</td>
<td>70%</td>
<td>1</td>
<td>12,000</td>
<td>12</td>
</tr>
<tr>
<td>Parsnip</td>
<td>75%</td>
<td>1</td>
<td>2,800</td>
<td>10</td>
</tr>
<tr>
<td>Peas</td>
<td>90%</td>
<td>3</td>
<td>50 to 150</td>
<td>30</td>
</tr>
<tr>
<td>Pepper</td>
<td>75%</td>
<td>2</td>
<td>4,000</td>
<td>16</td>
</tr>
<tr>
<td>Pumpkin</td>
<td>90%</td>
<td>4</td>
<td>100</td>
<td>9</td>
</tr>
<tr>
<td>Radish</td>
<td>90%</td>
<td>4</td>
<td>5,000</td>
<td>24</td>
</tr>
<tr>
<td>Raisin</td>
<td>70%</td>
<td>1</td>
<td>4,500</td>
<td>12</td>
</tr>
<tr>
<td>Spinach, Summer</td>
<td>80%</td>
<td>3</td>
<td>3,000</td>
<td>14</td>
</tr>
<tr>
<td>Squash, Winter</td>
<td>90%</td>
<td>4</td>
<td>300</td>
<td>20</td>
</tr>
<tr>
<td>Tomato</td>
<td>85%</td>
<td>3</td>
<td>7,500</td>
<td>10</td>
</tr>
<tr>
<td>Turnip</td>
<td>90%</td>
<td>4</td>
<td>10,000</td>
<td>24</td>
</tr>
</tbody>
</table>

### REQUIRED PLANTS PER ACRE AT VARIOUS DISTANCES

<table>
<thead>
<tr>
<th>Distance Apart</th>
<th>No. Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 x 1 inches</td>
<td>322,720</td>
</tr>
<tr>
<td>12 x 3 inches</td>
<td>174,240</td>
</tr>
<tr>
<td>12 x 12 inches</td>
<td>43,560</td>
</tr>
<tr>
<td>18 x 1 inches</td>
<td>348,480</td>
</tr>
<tr>
<td>18 x 3 inches</td>
<td>116,160</td>
</tr>
<tr>
<td>18 x 12 inches</td>
<td>39,040</td>
</tr>
<tr>
<td>18 x 18 inches</td>
<td>19,360</td>
</tr>
<tr>
<td>24 x 1 inches</td>
<td>25,960</td>
</tr>
<tr>
<td>24 x 18 inches</td>
<td>15,520</td>
</tr>
<tr>
<td>24 x 24 inches</td>
<td>10,890</td>
</tr>
<tr>
<td>30 x 1 inches</td>
<td>299,088</td>
</tr>
<tr>
<td>30 x 12 inches</td>
<td>17,424</td>
</tr>
<tr>
<td>30 x 30 inches</td>
<td>6,970</td>
</tr>
<tr>
<td>36 x 12 inches</td>
<td>14,520</td>
</tr>
<tr>
<td>3 x 2 feet</td>
<td>7,260</td>
</tr>
<tr>
<td>3 x 3 feet</td>
<td>4,840</td>
</tr>
<tr>
<td>4 x 1 feet</td>
<td>10,890</td>
</tr>
<tr>
<td>4 x 2 feet</td>
<td>5,445</td>
</tr>
<tr>
<td>4 x 4 feet</td>
<td>2,723</td>
</tr>
<tr>
<td>5 x 3 feet</td>
<td>2,901</td>
</tr>
<tr>
<td>5 x 4 feet</td>
<td>2,178</td>
</tr>
<tr>
<td>5 x 5 feet</td>
<td>1,743</td>
</tr>
<tr>
<td>8 x 1 feet</td>
<td>5,445</td>
</tr>
<tr>
<td>8 x 2 feet</td>
<td>680</td>
</tr>
<tr>
<td>10 x 1 feet</td>
<td>4,356</td>
</tr>
<tr>
<td>10 x 10 feet</td>
<td>12,360</td>
</tr>
<tr>
<td>12 x 1 feet</td>
<td>3,630</td>
</tr>
<tr>
<td>12 x 12 feet</td>
<td>302</td>
</tr>
<tr>
<td>16 x 1 feet</td>
<td>2,722</td>
</tr>
<tr>
<td>16 x 16 feet</td>
<td>170</td>
</tr>
<tr>
<td>18 x 18 feet</td>
<td>135</td>
</tr>
<tr>
<td>20 x 20 feet</td>
<td>110</td>
</tr>
<tr>
<td>25 x 25 feet</td>
<td>70</td>
</tr>
</tbody>
</table>

### STANDARD WEIGHT PER BUSHEL

<table>
<thead>
<tr>
<th>Plant</th>
<th>Weight per Bushel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Barley</td>
<td>48 lbs.</td>
</tr>
<tr>
<td>Beans</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Buckwheat</td>
<td>48 lbs.</td>
</tr>
<tr>
<td>Clovers</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Corn, Field</td>
<td>56 lbs.</td>
</tr>
<tr>
<td>Corn, Sweet</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>Grass, Blue</td>
<td>14 lbs.</td>
</tr>
<tr>
<td>Grass, Broome</td>
<td>13 lbs.</td>
</tr>
<tr>
<td>Grass, Herb</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Grass, Orchard</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>Grass, Perennial Rye</td>
<td>24 lbs.</td>
</tr>
<tr>
<td>Grass, Tall Meadow Oat</td>
<td>13 lbs.</td>
</tr>
<tr>
<td>Grass, Wood Meadow</td>
<td>14 lbs.</td>
</tr>
<tr>
<td>Hemp</td>
<td>40 lbs.</td>
</tr>
<tr>
<td>Millet, Japanese</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>Millet, Pearl</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>Oats</td>
<td>32 lbs.</td>
</tr>
<tr>
<td>Peas, Smooth</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Peas, Wrinkled</td>
<td>56 lbs.</td>
</tr>
<tr>
<td>Potatoes</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Rape</td>
<td>50 lbs.</td>
</tr>
<tr>
<td>Yre</td>
<td>56 lbs.</td>
</tr>
<tr>
<td>Sugar Cane</td>
<td>56 lbs.</td>
</tr>
<tr>
<td>Sunflower</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>Timothy</td>
<td>45 lbs.</td>
</tr>
<tr>
<td>Vetch</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Wheat</td>
<td>50 lbs.</td>
</tr>
</tbody>
</table>

**RECOMMENDED QUANTITIES OF SEEDS TO SOW PER ACRE**

<table>
<thead>
<tr>
<th>Plant</th>
<th>Weight per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>20 lbs.</td>
</tr>
<tr>
<td>Aisike Clover</td>
<td>12 lbs.</td>
</tr>
<tr>
<td>Barley</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Buckwheat</td>
<td>48 lbs.</td>
</tr>
<tr>
<td>Canada Field Peas</td>
<td>90 lbs.</td>
</tr>
<tr>
<td>Corn</td>
<td>15 lbs.</td>
</tr>
<tr>
<td>Cow Peas</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Crimson Clover</td>
<td>12 to 15 lbs.</td>
</tr>
<tr>
<td>Millet</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>Oats</td>
<td>64 lbs.</td>
</tr>
<tr>
<td>Pasture Grass</td>
<td>40 lbs.</td>
</tr>
<tr>
<td>Potatoes</td>
<td>10 to 16 bu.</td>
</tr>
<tr>
<td>Red Clover</td>
<td>10 to 15 lbs.</td>
</tr>
<tr>
<td>Rye</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Soy Beans</td>
<td>60 lbs.</td>
</tr>
<tr>
<td>Timothy</td>
<td>15 lbs.</td>
</tr>
<tr>
<td>Vetch</td>
<td>25 lbs.</td>
</tr>
<tr>
<td>Wheat</td>
<td>80 lbs.</td>
</tr>
</tbody>
</table>
Opinions of Experienced Users

Semesan is recognized by the U. S. Department of Agriculture and the Green Section of the U. S. Golf Association as the best fungicide for preventing and curing both large and small "Brown Patch" of grasses.

In Southern Idaho, Semesan-treated beans, with their 20 to 40% increased yields, so convinced prominent growers that they unite in saying they: "will always use Semesan for treating bean seeds, as well as their other crops."

Florists write us such tributes as: "We used Semesan on poinsettia cuttings last summer with excellent results;" and "My Semesan-treated aster seeds gave an almost perfect stand as nearly every seed germinated."

The U. S. Department of Agriculture's Circular No. 376 recommends treatments with Semesan as the most successful means known for preventing and controlling the "Crown Gall" disease of apple grafts.

The U. S. Department of Agriculture, in collaboration with the Illinois and Iowa State Experiment Stations, demonstrated that Semesan was a most effective dust disinfectant for controlling the diseases and increasing the yields obtained from infected field and sweet corn seeds.

Agricultural authorities in the United States, Canada, Australia and New Zealand, report that Semesan has given excellent results in the control of barley, and wheat diseases, and in addition increased germination, and enlarged crop yields.

The Idaho Agricultural Experiment Station reported that Semesan Bel: "—when applied to the uncut presprinkled tubers (potatoes) at the rate of three ounces to the bushel gave better control under field conditions than any other treatment tested."

Proof that Semesan Increases Germination

To prove to a skeptical canner that Semesan would increase the germination and yield of his corn seed, we induced him to select a total of 40 kernels from five average ears. Twenty were dusted with Semesan, while the other 20 were untreated. These seeds were then allowed to germinate in his office with the results shown. On the right the Semesan treatment developed 100% of vigorous, healthy seedlings, while on the left are shown the untreated seeds, only 85% of which germinated weakly and of these three-quarters died from disease infections.

Semesan is harmless to seed and plant life but thoroughly sterilizes practically all kinds of seed pieces against the disease germs or fungous spores that adhere to the seed coats, as well as many of those that exist internally. Un handicapped by diseases, Semesan-treated seeds are thus stimulated to unhandicapped by diseases, Semesan-treated seeds are thus stimulated to vigorous sprouting during the critical period of their early growth and consequently bear more and finer crops than can those seeds which do not receive the beneficial treatments with Semesan.

SEMESAN JR.—This modified form of the parent product, Semesan, is exclusively a dust disinfectant used principally for the ear, root and stalk rots of field and sweet corn but also for the treatment of cereal infections. Under Government-conducted field tests, Semesan Jr. increased the crop yields from diseased field corn seeds by approximately twenty bushels to the acre and from similarly diseased sweet corn by as much as 47.7% with an average of practically 12%.

SEMESAN BEL—To meet the demand for a dust disinfectant to replace the laborious, time-consuming liquid treatments for potatoes, Semesan Bel was invented and can be applied to whole or cut seed potatoes either as a dry powder or a whitewash-like water mixture. In widely separated potato-growing sections it has influenced quicker sprouting, earlier maturity and has caused greater yields of disease-free potatoes and better disease-control than any other treatment known.

Prices for Du Pont Semesan Semesan Jr. and Semesan Bel

<table>
<thead>
<tr>
<th>Package Size</th>
<th>Price</th>
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<tbody>
<tr>
<td>1 lb.</td>
<td>.50</td>
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<tr>
<td>5 lbs.</td>
<td>1.00</td>
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<tr>
<td>20 lbs.</td>
<td>2.75</td>
</tr>
<tr>
<td>50 lbs.</td>
<td>5.00</td>
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<tr>
<td>100 lbs.</td>
<td>8.00</td>
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<tr>
<td>200 lbs.</td>
<td>12.50</td>
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<tr>
<td>500 lbs.</td>
<td>25.00</td>
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</tbody>
</table>

Send for Du Pont Semesan Semesan Jr. and Semesan Bel Booklets of Facts
ORDER FOR PLANTS
TO
THE RHIEBECK FLORAL COMPANY
Flors by mail - Wholesale & Retail
Rhiebeck-on-Hudson, New York

Your Name

Street & No.

City & State

When do you want plants to reach you? 
How to be shipped? Express Mail Delivery
Are you paying? Or shall we charge

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
<th>TOTAL</th>
</tr>
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<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Total of order $
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.


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.

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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

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