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MANNNS' GLADIOLI

Are superb in color and wonderful in flowering qualities.
We offer only the finest selected bulbs in all the leading named varieties and mixtures.
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Will materially improve the appearance and value of the Home Grounds and afford much pleasure for all who look upon their magnificent blooms.
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Dahlias, Cannas, Gladioli, Tuberroses, Peonies, Iris, Caladiums, Clematis, Madeira Vines, etc., for Spring Planting.
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J. MANNS & CO. SUPERIOR SEEDS BALTIMORE, MD.
The High Quality of Our Seeds Has Brought Us Continued Success Since 1887

Every seed buyer is vitally interested to know that conditions affecting the production and distribution of seeds have now become reasonably normal and the combined efforts of America and Europe are once more resulting in quality and price of a pre-war standard. We also, are more efficiently organized to give the usual prompt and careful attention to all orders, large and small.

The opportunity we have enjoyed in supplying such a large number of the Truckers of Maryland and the South is highly appreciated and our constant aim is absolutely to earn and justify this implicit confidence which is placed in us.

To accomplish this and to maintain this reputation, we use the most perfect and modern seed testing equipment, supplemented by Greenhouse tests, by which we are assured of the vitality of all seeds before they are sent out. In addition, our trial grounds, which are operated under our personal supervision, serve to keep us continually informed as to the comparative quality of all the various standard strains as well as novelties.

Our constantly increasing volume of business is conclusive proof that quality is of utmost importance to all growers and that we are successfully serving our patrons with the best seeds obtainable. The matter of price, however, while a secondary consideration, should not be overlooked. Our quotations compare favorably and we give every assurance that an order placed with us means a purchase of strictly first class seed at a very substantial saving in cost.

ORDERS. Be sure to sign your name plainly and give full shipping instructions.

REMITTANCES should be made by Post Office Money Orders, Registered Letters, Express Money Orders, or Draft. For amounts up to one dollar clean postage stamps will be accepted. Our terms are net cash.

SHIIPMENTS. We deliver free to any Post Office in the United States seeds by the packet, ounce, and quarter pound. For larger quantities postage must be added to the prices quoted. (See page 64 for rates.) Agricultural Seeds, Implements, Fertilizers and other heavy and bulky goods are sent by Freight or Express at purchaser's expense.

NON-WARRANTY. It is very evident to anyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will grow and prove true to name and description. There are, however, so many contingencies to be encountered, entirely beyond our control, such as the weather, soil and other conditions that; We give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of any Seeds, Plants or Bulbs we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

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MANN'S' SUPERIOR VEGETABLE SEEDS

Representing varieties which are known to our customers and ourselves as being the best obtainable.

Artichoke
Jerusalem or Tuberous Rooted.
Grown exclusively for their large potato-like roots which are valuable for feeding hogs and for table use, often yielding over two tons per acre. Plant in March or April, two feet apart in 2 foot rows and cover 2 inches deep. 3 bushels per acre or 1 quart to 66 feet of row. They should not be dug in the fall but allowed to remain in the ground to be gathered as needed. An excellent hog feed, preventing cholors, and exceedingly nutritious. When once planted they will continuously come up afterwards, hence for a field crop it is best to select a piece of land which is to be devoted to Artichokes exclusively and an annual crop will be produced for years. Price, 3½ pk. 35c; pk., $1.00; bu. $3.50.

Asparagus
1 ounce to 60 feet of drill; 1 lb. per acre; 3,000 plants per acre.

Asparagus grows easily in almost any good soil, but best results are obtained in well-enriched, deeply dug, sandy loam. A well cared for bed improves with age, and lasts for many years. It may be grown from seed, but much is saved by planting roots.
The Asparagus plant is slow to die down in the fall, so that the roots cannot safely be dug until about November 1st. By this time the soil is so cool that the plants do not root readily, consequently many are winter killed. For this reason, We advise only spring planting for any point north of Washington, D. C.
We strongly urge all those having enough available space to put in a bed for their own use, following carefully the cultural directions given below.

If you wish to grow plants from the seed yourself, pour warm water on the seed and allow it to stand until cool; pour it off and repeat two or three times with fresh warm water. Sew in spring in drills about eighteen inches apart and two inches deep. In light, rich soil, planting fifteen to twenty seeds to each foot of row will give results. The roots must be well up, thin to about one inch apart and give frequent and thorough cultivation during the summer. If this has been well done, the plants will be fit to set next spring.
The permanent bed should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizer: a moist, sandy soil is best. If the sub-soil is not naturally loose and friable, it should be made so by thoroughly stirring with a sub-soil plow or spade. Set the plants about four inches deep and one to two feet apart in rows four to six feet apart. After the plants are well started, give frequent and thorough cultivation. Early the next spring spade in a heavy dressing of manure and about one quart of salt, and double the quantity of fresh wood ashes to each square rod and cultivate well as long as the size of plants will permit, or until they begin to die down. The next season the bed may be cut over two or three times, but if this is done, all the shoots, no matter how small, should be cut. After the final cutting, give a good dressing of manure, ashes and salt. Cultivate frequently until the plants are well rooted. In autumn after the tops are fully ripe and yellow, they should be cut and burned. A bed fifteen by fifty feet, requiring about one hundred plants, if well cultivated and manured, should give the following season an abundant supply for an ordinary family and continue productive for eight or ten years.

Giant Argenteuil
Famous French variety noted for its earliness and size. It resists rust better than some domestic sorts and is also very prolific, producing an abundance of light green tender shoots. Pkt., 5c; ½ lb., 25c; 1 lb., 50c.

Palmetto
This is the most popular variety grown for general garden purposes, being more prolific than any other and very uniform. Shoots are light green and tinted slightly with pink. They are not so thick as the Colossal or other white types and are frequently deep green when allowed to grow above ground. This gives a really splendid flavor. Pkt., 5c; ¼ lb., 15c; 1 lb., 50c.

Columbian Mammoth White
A sport from Conover's Colossal. This white shoots above the surface and produces very little if any blanching. Does not always come true from seed, but the green sorts can readily be discarded. Pkt., 5c; ¼ lb., 15c; 1 lb., 50c.

Conover’s Colossal
One of the largest and most popular green varieties; stalks are bright green, often tinged purple at the top; very tender and of fine quality. Pkt., 5c; ¼ lb., 15c; 1 lb., 50c.

Asparagus Roots
From one to two years may be saved by planting Asparagus roots instead of seed. We have found the demand for roots to be greater than the quantities obtainable, and therefore suggest that orders be placed early. Choice, 2-yr. old roots, all leading varieties, $1.25 per 100; 3-yr. old, $2.00 per 100. Special price on large quantities.
Bush Beans

1 pint to 100 feet of drill; 1 to 3½ bushels per acre.

Beans are tender and should not be planted until the soil is well warmed. Sowing too early will often result in a poor stand and uneven ripening. Sow the seed 1½ to 2 inches deep and not less than 18 inches apart and firm the soil to assist germination. Allow the plants to stand 4 to 10 inches apart in the row according to variety.

Shallow cultivating and hoeing should be done frequently until the vines are in bloom. To prevent blight do not cultivate deeply and avoid working them while the vines are wet. Beans grow best in a warm, well-drained, sandy loam. For succession plant every two weeks until about August 15th.

Round Green Potted Varieties

Burpee’s Stringless Green Pod

This variety has justly become the most popular of all stringless sorts, and can be profitably grown by either the trucker or the home gardener. It combines unusual hardiness, extreme earliness and wonderful productiveness. The pods are handsome in appearance, being rich, dark green in color, almost round, stout, meaty, and average 5 inches in length. They are tender, brittle, absolutely stringless in all stages of growth and of fine quality. Mature in 45 days. For succession, plant every two weeks until September. Qt., 40c; pk., $2.50; bu., $9.00.

Giant Stringless Green Pod

A very productive long, round-podded variety, longer and straighter than Burpee’s Stringless. The pods are light in color and show slight depressions between the beans. Vines are large, vigorous, and spreading. A splendid succession to Burpee’s if planted at the same time. Qt., 50c; pk., $2.75; bu., $10.00.

Full Measure Stringless

A second early, round-podded, stringless bean of recent introduction. The pods are straight, very fleshy, and are dark green in color. They are entirely stringless and measure 6 to 8 inches in length. Very prolific and possessing the hardy qualities of the old Red Valentine.

Fordhook Favorite White or Stringless Seeded

One of the best dwarf sorts for green market and can be used early as a snap bean. As a green shelled bean it is equal to the lima in quality while any surplus crop can be kept for winter use. Pt., 20c; qt., 40c; pk., $2.50; bu., $9.00.

Dwarf Horticultural or Dwarf Cherry

Extra long, slender, round, straight pods, measuring 7 to 8 inches long, early, prolific and ripening uniformly, very slightly stringy, tender, attractive and of good quality. Excellent for canning purposes. Qt., 40c; pk., $2.50; bu., $9.00.

Keeney’s Stringless Refugee

Combines all the advantages of the 1000 to 1 Refugee but is entirely stringless. Qt., 40c;

Black Valentine

This variety has proven itself to be the most hardy of all string beans. It will resist cold and wet better than any other sort and therefore can be planted extremely early and very late in the season as well as during the summer. It is very productive and the pods which measure 6 inches in length are of a beautiful dark green color. They should be picked as soon as ready as they will become tough if allowed to remain on the vines too long. Qt., 45c; pk., $2.50; bu., $9.00.

Hopkin’s Improved Early Red Valentine

A very hardy, early and productive sort. Pods about 4 inches long, round, medium green, delicious flavor. Qt., 35c; pk., $1.75; bu., $6.50.

Extra Early Refugee

A very hardy type of Refugee, bearing pods 4 to 5 inches long, slightly stringy, round, medium green, delicious flavor, fine grained; quality good; color light green. Qt., 35c; pk., $1.75; bu., $6.50.

Late Refugee or Thousand-to-One

Noted for its great productiveness, this variety has gained favor for canning and pickling. The dense foliage protects the pods from early frosts, thereby prolonging the season. The pods measure 5 to 5½ inches, are round, somewhat slender, almost stringless and of good quality. Qt., 35c; pk., $2.25; bu., $8.50.
Wax Beans—Flat Podded Sorts

Currie’s Rust Proof Wax  Being the earliest, hardest, and one of the most prolific of all flat wax-podded beans, this variety has become a favorite among market gardeners and truckers. It is ready for picking in 42 days and the large, flat, straight pods which are of a bright golden yellow color make an attractive appearance when offered for sale. The vines are strong and upright, holding the pods well off the ground, their vigorous and hardy nature making them immune from rust, mildew or blight. Qt., 45c; pk., $2.75; bu., $8.50.

Sure Crop Wax  Decidedly better quality than Currie’s in appearance, and maturing about a week later. The pods are of a rich, golden color, growing an inch longer than Currie’s and being stringless at all stages of growth. The disease resistant qualities found in Currie’s are duplicated in this variety and it is vigorous, hardy, and very productive. For quality use Sure Crop, while for earliness Currie’s is better. Qt., 45c; pk., $2.50; bu., $9.00.

Wardwell’s Kidney Wax  A very popular standard gardeners’ variety, bearing a large crop of handsome, light golden yellow, long, broad pods which are nearly stringless and of very good quality. Very attractive and always command a good price in the markets. Qt., 45c; pk., $2.50; bu., $9.06.

Burpee’s New Kidney Wax  Resembles Wardwell’s Kidney Wax, excepting that the pod is larger and thicker, though not so broad. Fairly productive and of high quality, stringless, very beefy and brittle. Pods measure 6 inches and are of attractive, clear yellow color. Mid-season sort; not damaged by wet weather. Qt., 45c; pk., $2.75; bu., $10.00.

Davis’ White Kidney Wax  An early, productive and attractive sort of fair quality. Pods 6 to 7½ inches, stringy, the white seed being the best feature as it makes a very satisfactory shell bean for winter use. Qt., 45c; pk., $2.75; bu., $9.50.

Round Podded Sorts

Round Pod Kidney Wax  (Brittle Wax). An excellent early, round-podded variety of handsome appearance. Like all other round-podded varieties however, it does not yield as heavily as the flat wax beans. It is hardy, always stringless and of highest quality, especially desirable for snaps for the home garden. Qt., 45c; pk., $2.75; bu., $9.50.

Hardy Round Podded Rustless Wax  The most dependable round-podded wax variety, as it is unusually disease-resisting and is vigorous enough to stand adverse weather conditions. Fairly prolific, entirely stringless pods of rich golden yellow color measuring 6 to 8 inches. Qt., 45c; pk., $2.75; bu., $10.00.

Pencil Pod Black Wax  The best black seeded wax variety. It is early and very productive, exceptionally strong and vigorous, producing pods 6½ to 7 inches long which are beefy, brittle, stringless and free from fibre. They are of fine quality and clear yellow in color. Qt., 45c; pk., $2.50; bu., $9.00.
Varieties Used as Shell Beans

Dwarf Horticultural, Fordhook Favorite, and Davis’ White Kidney Wax

Three very satisfactory shell bean sorts have been listed previously.

White Marrowfat This is a very prolific variety and has become a choice family sort both for green shells and dry beans. Pods are broad, white seeds which cook very dry and mealy. Qt., 25¢; pk., $1.75; bu., $6.50.

Royal Dwarf or White Kidney Excellent late variety, green, shelled or dry seeds are large, white, kidney shaped, and of fine quality. Qt., 40¢; pk., $2.50; bu., $9.00.

White Navy or Boston Pea Bean The standard small seeded, pure white variety which has become so popular for its baking qualities. The yield is invariably heavy. Sow during June and July in rows three feet apart dropping 2 to 3 seeds a foot apart in the rows. Qt., 25¢; pk., $1.75; bu., $6.50.

Broad Erfurt Of foreign origin and entirely different from any other variety, being larger than the ordinary lima. White, with much darker pods. This sort will prove profitable for market gardeners who have Italian and Spanish trade. Qt., 40¢; pk., $2.50.

Edible-Podded Pole Beans

For Culural Directions See Pole Limas.

Burger's Stringless Green Pod or White Kentucky Wonder A new pole variety of great merit, bearing large, brittle, stringless pods of excellent flavor, dark green in color. It resembles the Kentucky Wonder in form of pod but is much earlier, more productive and bears longer. Seeds white, fine for baking. Qt., 50¢; pk., $2.75; bu., $10.00.

Kentucky Wonder or Old Homestead This is an old standard variety is early and produces round, green pods about 8 inches long. Splendid for use as snap for the home garden and as it continues to bear for a long period. Seed light brown. Qt., 25¢; pk., $2.50; bu., $9.00.

White Creaseback Excellent as a snap bean as well as dried for winter use. Pods 8 inches long, starter, stringless and borne in clusters. Very productive. Qt., 45¢; pk., $2.50; bu., $9.00.

Horticultural Cranberry or Wren’s Egg An old favorite both as a snap and shell bean. Medium early, producing large quantities of 6 and 6 inch pods which are broad, thick, and of fine flavor. Qt., 50¢; pk., $2.50; bu., $9.00.

Cut Short, Red Speckled or Corn Hill Popular variety for planting among corn instead of using poles. Will give a good crop of fine quality, short, round, tender pods. Qt., 45¢; pk., $2.50; bu., $9.00.

Lazy Wife One of the best general purpose pole beans; of superior quality as a snap, green shelled or dried bean. Pods which are borne abundantly throughout the summer are very easily gathered and entirely stringless, brittle, light green in color and of a mild, sweet flavor. Seed pure white, 6 to 8 in each pod. Qt., 50¢; pk., $2.75; bu., $10.00.

Yard Long, Celestial or Asparagus Bean Somewhat of a curiosity and yet possessing excellent qualities. It is very prolific, absolutely rust proof and a rank grower. It will produce pods 14 to 24 and sometimes 30 inches long. An excellent table vegetable, the pods being tender, stringless and of a rich asparagus flavor. Oz., 10¢; pt., $1.00.
Pole Lima Beans

1 quart to 150 hills; 8 to 10 quarts per acre.

Pole beans do not bear as early as the bush varieties but they are more productive, their bearing season is longer and they are more easily gathered. They succeed in very warm climates which have been enriched with well rotted manure. If poles are used they should be set three to four feet apart each way. After the ground has become warm and dry, plant 4 to 6 beans to a pole and when well started thin out to 2 or 3 plants to a pole. By placing the seed eyes down they will germinate more quickly and for this reason are less liable to rot. Cultivate frequently but shallow.

Early Leviathan

Fully a week earlier than any other pole variety. The Early Leviathan stands a long time because of its combined qualities, earliness, size and productiveness. The large, well filled pods are borne in clusters of five to ten and are spaced over the entire vine. They are well filled with large, fleshy beans of excellent quality, delicate pale green in color. Pt., 25c; qt., 50c; pk., $3.75; bu., $9.50.

Seibert's Large Early

Early, very productive and of good quality; pods dark green, well filled with 2 to 4 large beans. Qt., 45c; pk., $2.75; bu., $9.50.

Carpinteria

A very desirable pole lima for the home and market garden, producing an abundance of large four-seeded, medium green pods. The color is distinctive in having a decided greenish tinge, an indication of finest quality. The beans are thin skinned, delicious flavor and retain the distinctly green tinge even when dried. Qt., 50c; pk., $2.75; bu., $9.00.

Ideal

One of the largest and most valuable of the medium late pole varieties, producing a tremendous crop of seven-inch pods, which are filled with five to six large beans of excellent quality. Seed large, broad, flat white with slight greenish tinge. Splendid for market gardeners. Qt., 50c; pk., $3.00; bu., $11.00.

Ford's Mammoth Poddled

The pods average 7 inches and are produced in great clusters, with from 5 to 6 beans per pod, of most excellent quality for using either green or dry. Medium early. Qt., 45c; pk., $2.75; bu., $10.00.

King of the Garden

This is the best and most popular main crop variety. Vines are strong and vigorous; pods are large and filled with beans. They are extensively by market gardeners because of its very prolific nature and the immense size of the pods, which are very straight and thickly filled with medium dark green color, broad, flat and filled with four or five large white beans of finest quality. Qt., 50c; pk., $2.50; bu., $8.50.

Challenger or Dreer's Pole

Vigorous, productive, and quite early, producing pods which are much thicker than any other sort and filled with four thick beans so closely set that the ends are flattened. A favorite among market gardeners. Qt., 50c; pk., $3.00; bu., $11.00.

Giant Poddled

The largest podded pole lima in cultivation; extremely vigorous in growth, medium season. Pods are borne in clusters of 6 to 8 and measure 7 inches long and 1 1/4 inches thick. The beans are extra large and of excellent quality. Qt., 50c; pk., $3.00; bu., $11.00.

Carolina or Sieva

Beans small and white, somewhat like Henderson's Bush Lima, which is an excellent quality. The bush bean of the South; pods 3 inches long and curved, very early, vigorous and productive. Pt., 25c; qt., 45c; pk., $2.75.

Dwarf or Bush Lima Beans

Large seeded sorts. 1 quart to 100 hills; 1 bushel to the acre.

Small seeded sorts. 1 quart to 150 hills; 3 pecks to the acre.

These varieties require no support, are about two weeks earlier than the pole beans, and can be planted closer in the rows. They are therefore used by large growers and by gardeners who do not find it convenient to use poles. After danger of frost is past and the ground has become warm, plant in 3 ft. rows dropping 3 seeds to a hill and the hills 15 inches apart.

Early Giant Bush Lima

The largest and earliest bush lima; two weeks earlier than Fordhook, very prolific and of excellent quality. Pods contain 5 to 6 pods, close setting beans, and are borne in clusters of 5 to 8. Plant very vigorous and upright, often attaining a height of 20 inches. Qt., 50c; pk., $3.50; bu., $12.00.

Fordhook Bush Lima

A most excellent variety and exceedingly popular with market and home gardeners. The plants are freely branching and very erect in their growth. Four or five large, very thick beans are contained in each pod and the plants continue to produce large quantities from July until frost. The green beans even when full size are tender, juicy and sweet when cooked, being a distinct improvement over the rather dry and mealy character of other varieties of this Podota Lima type. Pt., 50c Qt., 50c; pk., $3.00; bu., $11.00.

Burpee's Improved Bush Lima

A very prolific mid-season variety of very hardy, vigorous and true bush growth, bearing clusters of 5 to 6 pods measuring 5 to 6 inches long. The pods are borne abundantly, enormous in size and well filled with handsome beans which are both larger and thinner than those of the regular Burpee's Bush Lima. Qt., 50c; pk., $3.00; bu., $11.00.

Dreer's Wonder Bush Lima

A thick seeded sort of very high quality; equally productive with Burpee's but a week later. Pt., 30c; qt., 50c; pk., $3.75; bu., $12.00.

Henderson's Bush Lima

This variety is the most popular of the small seeded bush varieties and produces large crops of 3 inch pods containing 3 to 4 small, flat, white beans of good quality. Hardy, early and immensely productive; and of excellent quality either green shelled or dry. Pt., 25c; qt., 45c; pk., $3.50; bu., $9.00.

Wood's Profic or Henderson's Improved Bush Lima

Greatly resembles Henderson's Bush Lima in form and habit of growth, but produces much larger and thicker beans, equally as good in quality and very prolific. Pt., 30c; qt., 50c; pk., $3.75; bu., $10.00.
Table Beets

1 oz. to 50 feet of drill; 5 lbs. to the acre.
The soil for beets should be light, rich, fine and deeply cultivated. Smooth beets cannot be grown if fresh manure is used. If wanted very early, sow in hot beds and transplant, cutting off the outer leaves. For early outdoor crop plant the seeds about 1 inch apart and 1 inch deep in rows 1 to 2 feet apart, firming the soil about the seeds by walking on the row. This should be done as soon as the ground can be worked and for table use, plantings should be made every three weeks. Thin out the plants to 3 inches apart. For main crop sow in the early part of July, and for winter use they may be planted up to July 1st.

Extra Early Flat Egyptian

One of the very earliest, excellent for forcing and early crop. Roots are distinctly flat; very dark red, have very small tap root and are of fine quality when young. They measure 2 inches in diameter when mature and have very small tops. Pkt., 5¢; ½ lb., 20¢; lb., 50¢.

New Model "Early Spring"

A very good early variety for growing under sash or in the open ground. Perforated in shape and of a beautiful red color, very uniform in shape and size, the entire crop maturing during the same week. Short tap root and small tops. Pkt., 10¢; ½ lb., 30¢; lb., $1.00.

Crosby's Egyptian

This is the most popular early variety for the trucker or home gardener, as the roots are smooth, globe shaped, deep red in color, tender, sweet and richly palatable when served. This should not be confused with Flat Egyptian. As it is similar only in point of earliness, and size of tops and tap root. Pkt., 5¢ and 10¢; ½ lb., 20¢; lb., 50¢.

Early Eclipse

An early variety with small tops and flesh dark red; bright red roots; flesh dark red with zones of lighter color. Pkt., 5¢ and 10¢; ½ lb., 20¢; lb., 50¢.

Electric

Early, almost round, with very small tap root and close to the crown, deep red, smooth skin, with flesh crimson slightly zoned. Quality is good, being tender, sweet and free from fibre. Pkt., 5¢; ½ lb., 20¢; lb., 50¢.

Crimson Globe

An excellent main crop variety of medium size, globe shaped, with a remarkably early and uniform quality, being tender, crisp and sweet, never stringy. The flesh is very deep crimson slightly zoned in lighter and darker shades. It is without rootlets and the foliage is small and attractive. Extensively used by market gardeners. Pkt., 5¢; ½ lb., 20¢; lb., 50¢.

Eureka

Early sort, growing 3 to 4 inches in diameter. Of good quality and color and nearly as early as the extra early varieties. Pkt., 5¢; ½ lb., 20¢; lb., 50¢.

Edmund's Blood Turnip

Second early; short tops, nearly round, rich crimson, red, with little zonings; a good keeper. Pkt., 5¢; ½ lb., 15¢; lb., 30¢.

Beets Mangel and Sugar

The Mangel Wurzel, also called Mangel, Field Beet and Cow Beet is extremely valuable for stock feed. Very large yields are produced on almost any soil, but best on light loam. Sow 1 ounce to 100 feet of drill, 6 lbs. to the acre in drills and 15 to 20 lbs. to the acre if sown broadcast. Plant from middle of May to middle of June in drills about 1½ feet apart and 1 inch to 1½ inches deep. When the plants are about three inches high begin thinning out in the rows. By thoroughly firming the soil over the seedlings, longer feeding is possible and a more even maturing crop will result.

Mammoth Long Red

Attains enormous size, producing thirty to fifty tons per acre. The roots are straight, well formed and much thicker than other sorts. Grows well above the ground and is therefore easily gathered. The flesh is white tinged with rose. Highest feeding qualities. ½ lb., 20¢; lb., 40¢; 5 lbs., $1.75.

Lane's Improved Sugar

The best general purpose stock feeding beet known. It is an American variety and in comparison with the French sorts is much longer and finer grained. White flesh, high in quality and a good keeper. Pkt., 5¢; ½ lb., 15¢; lb., 30¢.

Danish Improved

Very large and heavy, oval shaped roots, which are very sweet and most desirable for stock feeding. ½ lb., 15¢; lb., 40¢.

Golden Giant Intermediate

A fairly long, reddish-yellow, oval shaped root, grows half above the ground, very heavy and of good quality. ½ lb., 15¢; lb., 40¢; 5 lbs., $1.75.

Golden Tankard

The best yellow Mangel in cultivation. It contains a larger percentage of sugar than the red sorts. Very desirable for feeding purposes and easily harvested. ½ lb., 15¢; lb., 30¢.

Detroit Dark Red

Careful comparison with all prominent varieties on the market prove Detroit Dark Red to be the most uniform in size and shape, the most attractive in color, and unsurpassed in quality. The tops are small and upright in growth with dark green leaves shaded with red. The roots are globular, of medium size, very smooth and dark red in color. Excellent for bunching, making a handsome appearance when offered for sale. Deededly the best variety for either the home or market gardener, and on account of its uniformly deep rich color is most desirable for canning. May be planted for early or main crop. Pkt., 5¢; ½ lb., 20¢; lb., 50¢.

Half Long Blood

Excellent second early sort and a good keeper. Roots half long and smooth, distinctly zoned. Very desirable for storing or pickling as it retains its good quality longer than other varieties. Pkt., 5¢; ½ lb., 20¢; lb., 50¢.

Dewig's Improved Blood Turnip

A good quality, medium early sort; turnip shaped and of good size. Deeply colored flesh. Pkt., 5¢; ½ lb., 15¢; lb., 40¢; 5 lbs., $1.75.

Mangel Wurzel.
Swiss Chard or Spinach Beet

This excellent vegetable is grown for its large, broad leaves which make a delicious dish when prepared like spinach or asparagus. The increasing demand proves conclusively that this variety is finally receiving the attention it many valuable characteristics deserve. It produces all tops and no edible root, the leaves standing 2 to 2 1/2 ft. high, growing well even in hot weather when spinach fails altogether. It soon sprouts again after cutting and gives several crops each year. Plant the seeds the same as ordinary beet seeds but thin out at first to 6 inches apart, later to 1 foot apart. Ready for use in about 60 days.

Large Ribbed White

These large leaves are pale yellowish-green in color, having very broad, white, tender midribs which are prepared and served as asparagus. The leafy portion is cooked similar to spinach.

Lucullus

An improved type of Chard, being of more upright growth. The leaves are dark green with white midrib and veins, very much crumpled and curled. The stalks are thick and broad and as large as asparagus.

Collards

This is a tall, loose leaved kale-like plant grown throughout the South for table use and for stock feeding purposes. Collards usually succeed in locations where cabbage cannot be grown to perfection. One ounce of seed will sow 300 feet of drill; two pounds per acre.

Georgia, Southern or Creole

The chief Southern variety for greens; growing 2 to 3 feet high and forming a large, loose open head or cluster of leaves with a rather long stem. Quality is improved by a light frost.

Chives

Chives are a small hardy perennial plant, resembling the onion in appearance and growing in clusters. They are grown for the young leaves, which are produced freely from early in the spring and give a mild onion flavor to soups, salads and various dishes.

Brussels Sprouts

1 oz. will sow 500 ft. of drill or 3,000 plants.

Brussels Sprouts are grown for use during the fall and winter months. An abundance of sprouts, resembling miniature cabbages, are produced over the entire stem from tip to the ground. When the young sprouts are well formed the lower leaves should be stripped off to aid the formation of the heads. Sow the seed 1/2 in. deep in drills in April for early crop or in early June for a late fall crop. After the plants are 6 inches high transplant to rows which are 3 to 4 ft. apart and 18 to 24 inches apart in the rows. The plants are hardy and in this section will live out through the winter without protection. The sprouts are improved in quality and flavor by frost.

Danish Prize

Found to be the best variety both in quality and productiveness. The sprouts develop very evenly over the entire stem, the lower sprouts being as tightly folded and as solid as those higher up. Consequently a large crop can be gathered. Unsurpassed in quality.

Superior Vegetable Seeds

J. Manns & Co., Forrest and Hillen Sts., Baltimore, Md.
Carrots

Our stock is grown from choice selected and transplanted roots only, and are of the truest type and richest color money can procure.

 Culture. The culture of carrots is of the simplest. Any good soil will grow this vegetable, but the most perfect results are developed in rich, friable soil, preferably sandy loam. The flavor and tenderness of the table varieties is secured by having a quick growth, which usually means good growing weather and proper cultivation. Sow as early as the ground can be worked or for late crop until the latter part of July, in drills 12 to 18 inches apart, finally thinning the plants to 3 to 4 inches in the drills. The seed is slow to germinate and if sown early or on moist soil, half an inch is deep enough. When sown during the hot summer months it is well to protect the seed bed with a thin layer of chips or straw as excessive heat will kill the vitality of the seeds before they germinate. After the seed has sprouted remove the covering, selecting the late afternoon for this work. Carrots are usually quite free from pests and diseases. The usual danger from ground worms and slugs is of course always prevalent, but once up they are easier to grow than most vegetables. They are ready for table use in about two months.

Early Horn

The most popular forcing variety, producing top-shaped reddish-orange roots about three inches long. Very early with small tops. Second in size, fine grained and of good quality when pulled young. Popular for early marketing but small. Pkt., 5c; ½ lb., 25c; lb., 75c.

Oxheart or Guernsey. One of the most popular sorts for table and stock. When full grown, 5½ to 6 inches long, but should be pulled young for table use. Very stout and thick, ending in a abrupt tap root. If the soil is too wet this variety will sometimes split badly, but this can be prevented by properly controlling the drainage. Very easily harvested and can be grown in very shallow soils where other sorts would not thrive. Quality excellent. Pkt., 5c; ½ lb., 25c; lb., 75c.

Chantenay or Model Carrot

A most excellent, medium early, half-long variety. Its quality, shape and size make it the best and most profitable sort for either the home garden or for marketing. The roots grow to a length of about 5 inches, very uniform, short-shouldered but tapering slightly. They are smooth, deep orange-red in color and the flesh is very crisp and tender. Although a medium early sort the roots are suitable for use nearly as early as any, and will also prove very satisfactory if grown for winter use. Very easily harvested and conveniently bunched. Pkt., 5c; ½ lb., 25c; lb. and half-long. Pkt., 5c; oz., 15c; ½ lb., 75c; lb., 25c.

New Sunrise

This new variety, originated and developed by a Danish specialist, is sure to be recognized as the leading carrot as soon as known. Our trials fully confirm all claims set forth by the originator. It is of the most perfect form, pointed-rooted, with a broad, high shoulder; about 7 inches in length. It is the brightest scarlet as to skin, the smoothest grain or texture as to flesh of all the half-long carrots. Be sure and order at least a trial packet. Pkt., 5c; oz., 15c; ½ lb., 75c; lb., 25c.

Danvers Half Long

This is an exceptionally fine Carrot for private and market garden use. It is slightly longer than Chantenay and our strain produces uniformly smooth and even sized roots of handsome appearance. The tops are constricted in color and the flesh is sweet, crisp and tender, being fine grained and of highest quality for table use. The tops are a little larger than those of Chantenay and the crown is flat, the roots taper very slightly from the crown but form a blunt point at the tap root. For main planting this variety is superior, and when sown during June may be depended upon to produce the best crop of roots to store for winter use. Pkt., 5c; ½ lb., 25c; lb., 60c.

St. Vallerie or New Intermediate

A long pointed variety, very smooth and regular in growth, resembling Long Orange, except in size, being thicker at the shoulder and not so long. They grow to a length of 9 to 10 inches and are about 2 to 2½ inches thick at the shoulder tapering in a straight line to the tip. They grow entirely underground and are bright orange scarlet in color. Pkt., 5c; ½ lb., 25c; lb., 75c.

Improved Long Orange

This is a stand variety, beautiful and uniform in shape, deep orange in color. The roots grow to a length of 12 inches and are of good quality for table use as well as for stock. They require a deep soil and if full size roots are wanted they should stand at least 8 inches apart in 18-in. rows. The tops are not large when compared with the size of the root and a very heavy crop can be produced. The keeping qualities of this excellent variety are unexcelled and will be found to be very beneficial when fed to stock. Carrots are highly nutritious and their high feed value combined with the low cost of production make them a very profitable crop for dairymen. Pkt., 5c; ½ lb., 20c; lb., 60c.

Oxheart.
Cabbage

First Early Sorts

Early Jersey Wakefield The earliest and surest heading of first early cabbages

Most gardeners depend upon it for the bulk of their extra early crop. Its exceeding hardiness, not only to resist cold, but other unfavorable conditions, insures the greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care. The heads are better and there are few as good. Plant compact and erect or very slightly spreading, with few outer leaves, which are smooth, thick, nearly oval and light green.

Heads of medium size, very solid, uniformly pointed and of excellent quality. Pkt., 10¢; oz., 25¢; ½ lb., 65¢; lb., $2.25.

Second Early Sorts

New Glory This second early variety is very sure heading and of excellent quality. The plant is of vigorous growth, with large and rather spreading outer leaves which are noticeably curved and frilled. The head is globular or very nearly round, very solid and of large size for so early a variety. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.

Volga One of the earliest main crop cabbages of superior quality. Very desirable where a large, uniformly round head with short stem and compact growth is wanted. This sort matures very early for a main crop and produces such large heads of excellent shape. It is also exceptionally hardy and a good keeper. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.

All Head Early or New Early Remarkably solid and of excellent quality, few outer leaves, short stem. Oz., 25¢; ½ lb., 75¢; lb., $2.50.

Charleston or Large Wakefield Produces larger and heavier heads than Jersey and a week or two later in maturity. The heads are very compact and the leaves are large, smooth, thick. It is exceedingly hardy and has become very popular with growers and shippers because of its earliness and size. An excellent succession to Jersey Wakefield. Pkt., 10¢; oz., 25¢; ½ lb., 65¢; lb., $2.25.

Copenhagen Market This very fine, large round headed variety is of Danish origin and has proved to be very valuable to the American grower. It is nearly as early as Jersey Wakefield, being the earliest large round head variety in cultivation. The heads average about 18 lb., and the stems are very short. Close planting is possible because of the fact that there are very few outer leaves, the stems are short and the heavy heads very compact. Pkt., 10¢; oz., 20¢; ½ lb., 90¢; lb., $3.00.

Early Winnipeg Medium early, short stem variety producing the hardest heads of all the early sorts. They are fine grained, cone shaped and more sharply pointed than Jersey. The leaves are dark green in color, smooth, having a peculiar and distinct twist at the point of the head. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.

New Leader Very early flat heading sort forming small headed early, very early but developing larger heads if allowed to stand. Oz., 25¢; ½ lb., 75¢; lb., $2.50.

Eureka First Early The earliest short stem, round headed variety, comparing favorably with Copenhagen Market, but a week or two earlier. The quality is excellent and it is a reliable header and a very popular variety for the market. Pkt., 10¢; oz., 25¢; ½ lb., 75¢; lb., $2.50.
Cabbage

---Continued

Early Flat Dutch Excellent large early flat sort, producing solid heads that mature with Early Summer. The stem is short and it has comparatively few outer leaves. Compared favorably with a pig of the Dutch but much earlier and smaller. Pkt., 10c; oz., 20c; 1/4 Ib., 65c; lb., $2.50.

American Drumhead Savoy of the Savoy class and very distinct from all other sorts. It forms the hardest heads and is the best for either early or late crops. The leaves are heavily crimped or savoyed and grow closely about the large, solid, dark green heads. The flavor is far superior to that of other cabbages, and for this reason is very much in demand. It is an excellent keeper and very hardy. Entire "pits" of it will keep in perfect condition until May. Oz., 25c; 1/4 lb., 75c; lb., $3.25.

Early Summer Heads medium in size, round, somewhat flattened, compact and solid; outer leaves spreading and light green in color. Ten days later than Jersey Wakefield, and one of the best large second early sorts. Oz., 25c; 1/4 lb., 65c; lb., $2.25.

Henderson's Succession The best very large mid-season cabbage, about a week later than Early Summer but much larger and can be planted closer because of its compact growth. It is sure to head, very uniform in habit and the quality is excellent. Oz., 25c; 1/4 lb., 75c; lb., $3.50.

All Seasons A reliable variety to use when only one planting of cabbage is made. It is equally as good for winter as for summer Dutch. Nearly as early as Early Summer and much larger heads of the best quality are produced. Pkt., 10c; oz., 25c; 1/4 lb., 75c; Ib., $3.50.

Sure Head Extremely popular with the private gardener because of the sure heading qualities and the remarkably late, uniform, hardy heads. A good keeper and one of the best for late crops. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., $2.75.

Lupton A grand Cabbage, combining the qualities of the second early and late sorts. It is vigorous, perfect in type and has the fine qualities of the early maturing varieties. The stem is short and the heads are large, uniform and dark green in color. It is sure to head and is an excellent keeper. Pkt., 10c; oz., 25c; 1/4 lb., $1.00; lb., $3.50.

Danish Ball Head or Hollander A very hardy, sure heading variety which has proven to be the best keeper and the most desirable for distant markets. The plants are vigorous, compact and have a stem of medium length. Exceedingly hard and standing dry weather very well. Extremely solid, large and heavy heads are produced. Pkt., 10c; oz., 30c; 1/4 lb., 85c.

New Danish Round Head Compared with Danish Ball Head, this has less outer foliage. The heads are larger in size and are set on shorter stalks, maturing two weeks earlier. They are extremely hard and in a great variety of sweet flavor and tender texture. It is very blight resistant and vigorous in growth during the hot summer and good keeper. Oz., 30c; 1/4 lb., $1.00; lb., $2.50.

Late or Winter Sorts

Premium Flat Dutch A very good variety for fall use or for making Kraut. The heads are very solid, tender and of superior quality. They mature earlier than other late varieties but do not keep as well over the winter. Pkt., 10c; 1/4 lb., 60c; lb., $2.25.

Extra Large Late Flat Dutch The best and most profitable late variety, possessing all the qualities of a winter variety should have. It is hardy, vigorous, and high in quality. The heads are "as solid as a stone" and for that reason keep well for winter use. The leaves are formed about the head in such a way as to resemble a saucer, in which the light rains and dews collect, the moisture then being absorbed through the stem by the roots. This gives an added advantage when a very dry season is experienced. A favorite with the private gardener as well as the trucker. Oz., 20c; 1/4 lb., 60c; lb., $2.00.

Autumn King or World Beater One of the finest strains of late Cabbage. It produces regular, even heads of enormous size; a great cropper on account of few outside leaves. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., $2.50.

Mammoth Rock Red This is the largest and surest heading red cabbage yet introduced, and much larger than the stocks offered as Red Drumhead. The plant is large, with numerous spreading leaves. The head is large, round, very solid and of very attractive deep red color. Nearly every plant will form an extra fine head. Pkt., 10c; oz., 50c; 1/4 lb., $1.75.
Cauliflower

This delicious and very profitable vegetable is not as extensively grown as it should be because many gardeners have an erroneous opinion that cauliflower is difficult to grow. Anyone will be reasonably sure of success if the following suggestions are followed:

For an early crop sow the seed either indoors or in a hot-bed in January or February, transplanting them to 2 or 3 inches apart thus allowing the plants to put forth a vigorous growth before being set in the permanent rows.

As soon as danger of freezing is over, set the plants in the open ground in rows 2½ to 3 feet apart and 1½ inches apart in the row. The soil for Cauliflower should be like that for cabbage, but it is better if an additional quantity of manure is used so that the ground is very rich. Cultivate often and thoroughly. For fall crop sow the seeds during April or May. It is well to plan so that the early crop heads before very hot weather and the late crop matures after hot weather.

Plenty of moisture is needed at all stages of growth but is especially necessary when the plants are heading. At this time the leaves should be loosely tied over the heads as a protection from the sun. Cauliflower is highly esteemed for its mild, delicate flavor and the extreme tenderness of the solid white heads and always commands a favorable price in the markets.

Early Snowball

The best early variety is cultivation if planted March 1st. Large heads will be produced early in June, and scarcely a single plant will fail to form a head. Its compact habit renders it a very profitable variety to force under glass, and it does well for late planting also. Our stock cannot be excelled in quality. Pkt., 25¢; oz., $1.50; lb., $29.00.

Extra Early Dwarf Erfurt (Extra Selected.) This is the choicest selected strain of the popular Erfurt type, and is remarkable for its extreme reliability in heading. Nearly as early as Early Snowball. Pkt., 5¢; oz., 25¢; lb., 75¢.

Dry Weather Cauliflower

Especially adapted for growing in dry locations where nearly all other varieties fail, and for heads of good size. Dry Weather, which is also known as Gilt Edge and Danish Giant, is about one week later than our Early Snowball, is much larger, and with much more foliage; hence it is not so suitable for forcing. The heads are very large, white, firm, and compact, and being well protected by the dense foliage, are easily blanched and remain fit for use for a long time. Pkt., 25¢; oz., 1.50; lb., 820.00.

Celeriac

Celeriac or Turnip Rooted Celery is grown for its edible roots which keep well for winter use and are excellent for flavoring. Sow seed and cultivate same as celery, with the exception that it is not necessary to blanch the plants. When the roots attain a diameter of two inches they are fit for use. To keep these through the winter, pack in damp earth or sand and store them in a cellar or leave them out of doors, covering with earth and straw for protection.

Large Smooth Prague

An improved form of turnip rooted celery. One of the largest varieties, very smooth and almost round with very few side roots. Plants are vigorous, with large dark green foliage. French grown stock. Pkt., 5¢; oz., 25¢; ¼ lb., 75¢; lb., 82.50.

Cress

Sprinkle seed freely along shallow drills 1 foot apart at intervals through spring and summer, as desired.

Curled or Pepper Grass

This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Pkt., 5¢; oz., 40¢.

True Water

This is quite distinct from the last, and only thrives when its roots and stems are submerged in water. Pkt., 10¢; oz., 50¢.

Cauliflower Plants: We are especially equipped to supply strong healthy plants, fresh daily. Per doz. 25¢; per 100 $1.60; per 1000 $12.00.
Celery

1 ounce to 1,000 plants.

Celery seed is very slow to germinate and therefore should be started indoors in boxes from February to April or sown out of doors in a finely prepared seed bed during April. See that the seed is not covered too deeply, for it is kept moist, almost wet until the seeds germinate. When the plants are about two inches high thin out and transplant to a distance of two or three inches apart each way. These may be kept together in the permanent bed when five inches high and it is usually best to do this during July or the first of August. In some sections best results are obtained by transplanting in June.

The permanent bed should be thoroughly prepared and well enriched with rotted manure. It should be removed at a distance of five to six inches from the nearest bed when the inch high and it is usually best to do this during July or the first of August. In some sections best results are obtained by transplanting in June.

When the plants are nearly full grown they should be blistered. The soil show the plants to about two-thirds of their height, being careful to allow any of the earth to fall between the leaves. Repeat this process every few days until only the tops of the leaves are visible. Do not disturb the plants while they are wet or the soil is damp as this is liable to result in injury from rust.

White Plume A very popular market variety, being very early, easily blanched and of handsome appearance. The leaves are light, bright green and the flesh is a silvery-white color, not as good as a keeper as French Golden Self-Blanching.

French Golden Yellow Self-Blanching (Originator's Stock) This is a very popular variety among home gardeners as it is the standard celery for early cultivation and is much superior in a great many respects. Our strain of this very popular sort cannot be excelled in quality or appearance. The plants are of medium size, compact growth, thick, with a rich yellow, waxen green foliage. As they mature the inner leaves and stems turn to a beautiful golden yellow, which adds to the flavor and appearance and makes the work of blanching much easier. The stalks are crisp, tender, free from strings and of a fine nutty flavor. A favorite with both large and small growers. Pkt. 10c; oz. 25c; lb. $2.50; lb. $8.00.

Golden Self-Blanching (American Grown Seed) An early sort, or very compact growth, with thick, solid, heavy stalks which are blanched to a clear waxen yellow. Pkt. 5c; oz. 25c; lb. 75c; lb. $2.50.

Silver Self-Blanching Somewhat similar to French Golden Self-Blanching in habit of growth but resembling White Plume in color. High in quality, very brittle and free from strings. Pkt. 10c; oz. 50c; lb. $1.75; lb. $6.00.

Easy Bleacher Two weeks later than Golden Self-Blanching. Blanches rapidly and is a great favorite with Southern growers who usually plant a full crop of this one sort. Very large and a splendid keeper. Pkt. 10c; oz. 50c; ½ lb. $1.75; lb. $6.00.

Winter Queen Of medium height, an excellent winter keeping sort. Producing thick, white celery stalks which are round and crisp. The hearts are large and it blanches well. Pkt. 5c; oz. 25c; ½ lb. 60c; lb. $2.00.

Evans' New Triumph This variety has a very strong and vigorous plant, with very large but crisp, brittle, tender and fine-flavored stalks. It thrives remarkably well and will keep longer than other sorts. We recommend it as worthy of the first place as a late celery. Pkt. 5c; oz. 25c; ½ lb. 50c; lb. $1.50.

Kalamazoo A large sized, vigorous growing variety; stalks white, round and distinctly ribbed; very crisp, perfectly solid and of superior flavor; matures a little earlier than Giant Pascal. Pkt. 5c; oz. 25c; ½ lb. 50c; lb. $1.50.

Sweet Nut Very high flavored; perfectly stringless. Ounce 25c; ½ lb. 50c; lb. $2.50.

Boston Market For many years the most popular sort. It is a vigorous grower, and very branching and an excellent keeper. Pkt. 5c; oz. 20c; ½ lb. 50c; lb. $1.75.

Golden Heart A distinct variety of sturdy dwarf habit. It is solid, and an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is light in a firmness of a light yellow, making it exceedingly showy and desirable for either market or private use. Pkt. 5c; oz. 25c; ½ lb. 60c; lb. $2.00.

Columbia An exceptionally fine, early variety, which re remains long green and shape is unsurpassed. The plant is of medium height, but very stocky, foliage is a light shade of green with a yellow tinge, and the stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the white Celery of Self-Blanching. This variety is one of the best, producing very much when trimmed and bunched. It matures early, and its exceedingly fine flavor and crispness will please even the most critical. Pkt. 5c; oz. 25c; ½ lb. 60c; lb. $2.00.

French Golden Self-Blanching Celery.

Giant Pascal A superior keeping sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor; it blanches very easily and quickly, and retains its freshness a long time. Pkt. 5c; oz. 25c; ½ lb. 75c; lb. $2.50.

CELERY PLANTS

All Leading Varieties

Ready During July and August

See Page 35

Corn Salad

1 ounce will sow 20 square feet; 6 lbs. to the acre.

Ackersalad A vegetable used as a salad. It is sown in the opening of spring in rows 1 ft. apart, and is fit to use in 6 or 8 weeks from planting. It is wanted in early fall and may be sown in September; cover with straw as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used any time during the winter. Large Seeded German, ½ lb. 25c; lb. 50c.
Corn - Table Varieties

**Cool Country Gentleman Sweet Corn**

**Medium Early**

**Howling Mob**
Stalks are of strong, vigorous growth, 5 ft. in height; produces 2 large ears of sweetest quality. Qt., 25¢; pk., $1.25; bu., $1.50.

**Sheffield**
This cross-bred early variety combines the robust growth and extreme hardiness of the Extra Early Adams with the finer sugar quality of the Corn. Ears average 7 inches long, and are well filled with grains of medium size, arranged in 10-12 regular rows. It is as hardy as the Adams, and much sweeter quality. Qt., 25¢; pk., $1.25; bu., $1.50.

**Kendel's Early Giant**
Remarkably large in ear for a second early variety and very popular. The stalks are about 6½ feet high. The ears are about 6 to 8 inches long, 12-rowed. The grain is rather broad and shallow, and the quality very good. Qt., 25¢; pk., $1.25; bu., $1.50.

**Black Mexican**
Although the ripe grains are bluish-black, they are remarkably white when in roasting ear stage. In tenderness and fine quality none can surpass it. We recommend it highly to follow the first early varieties. Pkt., 5c; qt., 50¢; pk., $1.50.

**Stabler's Early**
We recommend this as the finest small kernelled second early sweet corn. Medium sized, prolific; white, meaty kernels. The kind of sweet corn which one most likes. An excellent table sort. Qt., 25¢; pk., $1.25; bu., $1.50.

**Trucker's Favorite Sugar Corn**
Very deep grains, small cob and exceedingly rich flavor. Often produces 3 to 4 ears to the stalk. The grains are "sugared" on the cob, leaving no signs of rows. Qt., 25¢; pk., $1.25; bu., $1.50.

**Country Gentleman**
The ears of this new corn grow 20 to 26 inches long; are mostly 14 to 15 rows. It ripens 10 to 12 days in advance of Stowell's Evergreen, and is equally as good for all purposes. Kernels sweet and tender; cob small, with irregular rows. Qt., 25¢; pk., $1.25; bu., $1.50.

**DOBBS' EARLY EVERGREEN**
Resembles the late Mammoth; ears are fully as long, but more tapers; ripens 2 weeks earlier. Qt., 25¢; pk., $1.25; bu., $1.50.

**Extra Early**

**First Early Neck**
This variety can be planted earlier than any other; short ear, grainy white. It is not a Sugar Corn, but on account of its being larger for table use, we class it among the Sugar Corns. Ear, 5c; doz., 50¢; pk., $1.25; bu., $1.50.

**Adams' Early**
Similar to the First Early Neck, larger, but a fraction later; a favorite for early market. Ear, 5c; doz., 50¢; pk., $1.25; bu., $1.50.

**Improved Early Adams**
Early Adams, fully as hardy; ears 9 to 12 inches in length, with 12 or more rows to the ear. Grains are narrow and deep, of excellent table quality. Any portion of the corn not needed for table will take 5 ears for all flock feeding. Qt., 25¢; bu., $1.50.

**Delicious Cream**
In maturity is a little later than Early Adams but is more productive and longer. It is a stronger grower. It will produce a larger percentage of marketable ears than any other variety. It has from 8 to 10 rows of kernels and produces grains which are of a beautiful creamy white roasting ears, while its flavor is sweet, tender and delicious. Qt., 30¢; pk., $1.50; bu., $3.00.

**Peep o' Day**
Is a recent introduction, and is distinguished by being exceptionally early, comparing favorably with the Premo. Premo of 25-day Sweet Corn; medium sized ear, of good quality. Qt., 25¢; pk., $1.50; bu., $3.00.

**Morse's Golden Cream**
It is of California origin, resulting from a cross between a sweet Corn Gentleman and Golden Bantam. The kernels are long and pointed, white or light cream in color, very tender, being formed around a very short ear. The habit of growth is rather dwarf, and the brownish red stalks bear 2 to 4 ears of a rich creamy color of unequalled flavor, quality and nutritive value. Premo, 1st grade, 25¢; pk., $1.05; bu., $6.00.

**Golden Bantam**
A very early variety. The ears are but medium size, usually 8 rows, thickly set with delicate yellow kernels. Qt., 30¢; pk., $1.00; bu., $3.00.

**Delue's Golden Giant**
Because of the extreme tenderness, combined with the exquisite rich sugar flavor, this is our Golden Giant, the standard of perfection for sugar corn, and is 2 to 3 days earlier than the other popular types, its own parent, the Golden Bantam, of better quality, deeper color and more productive. As the seed is scarce, we quote in small quantities only. Premo, 1st grade, 25¢; pk., $1.50; bu., $3.00.

**Red Cob or Ninety-Day Corn**
A distinct and useful variety of Sweet Corn; matures in about 90 days; produces large, handsome ears. It adapts itself to any kind of soil, and can be used green as a table corn or when dry for flock feeding. It may be planted for early market at intervals as soon as the frost is out of the ground. Either for the market or for home feeding. Qt., 25¢; pk., $1.25; bu., $1.50.

**Main Crop and Late Varieties**

**White Evergreen**
A pure white strain of the popular Evergreen. Stowell's White Evergreen 4¢. 80 cts. are very large and well filled from butt to tip with long, slender, pure white kernels of the most excellent quality; it yields 2 or more ears to the stalk, and they remain in roasting ear state as long as any corn grown. Qt., 25¢; pk., $1.25; bu., $3.00.

**Improved Narrow Grain Evergreen**
In maturity and habit of growth resembles the well-known Stowell's Evergreen. The cob is small in comparison to the size of the ear, and bears 5 or 6 rows of kernels. It is very free from starch, producing 24 straight, uniform rows of the cob. The ears are firm, their sweetness from butt to tip more uniformly than any other type of Evergreen. Qt., 25¢; pk., $1.25; bu., $3.00.

**Stowell's Evergreen**
Other: a favorite with canners and market gardeners for late market. Habit of growth resembles the well-known Stowell's Evergreen. The cob is small in comparison to the size of the ear, and bears 5 or 6 rows of kernels. It is very free from starch, producing 24 straight, uniform rows of the cob. The ears are firm, their sweetness from butt to tip more uniformly than any other type of Evergreen. Qt., 25¢; pk., $1.25; bu., $3.00.

**Late Mammoth**
Produces larger ears than any other variety; Sweet Corn; very weighty, profitable for growers selling by ton. Qt., 30¢; pk., $1.25; bu., $4.00.
Field Corn

The stock we offer has been especially grown and cured for seed purposes and all varieties are strictly true to name.

Clark's Early Smokey Dent

This new introduction has been developed by one of the largest and most reliable growers of corn in the country. Early Smokey Dent is today the earliest Dent Corn in cultivation, maturing in 75 to 80 days; is a good yielder and entirely free from disease; grows strong, quick, and has splendid 7 to 8 ft. fodder. Pk., $1.00; bu., $3.50.

Golden West

This variety will yield a larger crop than any other yellow grown in existence. It is vigorous in growth, very deeply grained and produces broad-leaved stalks of medium height. It is most attractive in appearance, and the ears usually have 16 to 36 rows of large kernels, which make a solid ear. It requires about 100 days to mature and deserves the attention of any grower who wants a big crop of fine quality yellow corn. Pk., 85c; bu., $3.00.

Pride of the North

Maturing perfectly in 90 days, and being very hardy and prolific. Pride of the North has become a favorite among Northern growers and planters needing a 90-day variety. The ears are of medium size, with very small red cob. The kernels are closely set, long and compact. Pk., 85c; bu., $3.00.

Golden Beauty

It is a large and broad-grained Yellow Corn. The ears of perfect shape, with from ten to fourteen straight rows of grains. The cob is very small. Pk., 85c; bu., $3.00.

Leaning Improved Dent

A very popular and extremely productive variety. On good lands the stalks grow tall, producing two good ears to each stalk. The ears are long, with small red cob well filled with grains of medium size, but deep, of a rich golden color. It ripens with us in from 190 to 110 days, and makes a good crop, even in dry seasons, by reason of its early maturing and strong, vigorous growth. The stalks are rather slender and leafy, making excellent fodder, while the grains, being so deep or long, yield an extra large quantity of shelled corn per bushel of ears. Pk., 75c; bu., $2.50.

Iowa Gold Mine

Not a large corn, but the best thing we know of for medium early. We offer the pure strain Gold Mine, and recommend it. With the expert farmer Gold Mine is known as medium early, better than the extra early sorts that mature in eighty-five days. It is however, a great producer and sure cropper. Ears are medium sized, and have a bright golden yellow. The grain is deep and the cob is small. For this reason it dries out quickly, producing sixty-two to sixty-three pounds of shelled corn to seventy pounds of ears. Stalks make excellent silage or fodder. Pk., 85c; bu., $2.50.

Improved Maryland Yellow Dent

This magnificent Golden Yellow Corn is the result of a cross with the Golden West and Maryland Yellow Dent, both well-known varieties. The ears will measure from 12 to 15 inches in length with 14 to 18 rows of very deep grains closely placed on the cob. We feel assured that the strain has been fully established and will mean larger and more profitable crops to the grower. Pk., 85c; bu., $2.50.

Iowa Silver Mine

The National White Corn. In Iowa Silver Mine is standard. In other sections it is becoming well and favorably known. It is a remarkable drought resister and under adverse conditions seems to pull through and make a crop where other varieties fail. Silver Mine is deep grained, pure white, rough-topped, with a small, white cob. Ears very long, with 16 to 20 rows of pure white kernels. A solidly set on ears well filled out at butt and tip. This corn is a drought resistant, maturing in hot climates where early droughts are frequent. Stalks medium height, very leafy, with broad blades, frequently bearing two ears weighing 1 to 1½ pounds each. Iowa Silver Mine has probably taken as many sweepstakes and first premiums as any corn in existence. Pk., 85c; bu., $2.50.

Boone County White

Boone County is a very large white corn, something like Silver Mine, but larger and later in maturing. It is a native standard variety in Illinois. Boone County is peculiarly suited to all the Southern States, as it ripens earlier than the native corn and will not be forced ahead too rapidly, owing to its slow growing tendencies. Ears well filled out, with ends, cylindrical, 8 to 11 inches long, averaging 20 rows, some 18 and 32. Grain very deep, a little rough. Cob white, of medium size. Boone County is a show corn, and has carried off many premiums offered at corn contests—state and county fairs. Matures in 119 to 126 days. Pk., 85c; bu., $3.00.

Maryland White Dent

An old standard variety and great favorite of every farmer who has grown it. The stalks are of a strong growth, bearing ears to two large ears, which have 19 to 12 rows in the cob. Grain is pure white and of fine quality. Pk., 85c; bu., $3.00.

Improved Hickory King

Largest grains of any white variety. Matures early and very productive. Ears set low, are of large size, well filled, very deep grained. It produces well, even on light land. Pk., 85c; bu., $3.00.

Pop Corn

White Rice

The most popular variety. The pearly white grains are pointed and set closely on a small cob. Per pint, 10c; quart, 20c.

Queen's Golden Yellow

It pops perfectly white, and produces very large flakes. Quart, 25c.
Cucumbers

Arlington White Spine

The cucumbers are very regular in outline, uniform in size, averaging 3 to 8 inches in length, straight, and of a rich dark green color. Flesh white, crisp and solid, with comparatively few seeds. Vines of vigorous growth and very productive. Pkt., 5¢; ½ lb., 35¢; lb., 90¢.

Klondike

Of recent introduction, has already become a favorite with market gardeners and shippers all over the country. The handsome dark green cucumbers average 7 inches long and 2 inches in diameter, and demand the highest price when offered on any market. Pkt., 5¢; ½ lb., 40¢; lb., $1.25.

Early Green Cluster

This new picking variety was produced by a cross between White Spine and Paris Pickling. It combines the slim, straight shapes, fine skin, and crisp flesh of the Paris Pickling with the vining and productive nature of the White Spine. The fruit is covered with fine spines except at the stem end. It makes a very fine quality of pickles, being of best shape, and good deep green and crisp. The vines are healthy and productive. Pkt., 5¢; ½ lb., 35¢; lb., $1.00.

Evergreen Extra Long White Spine

This is a strain of White Spine Cucumber with longer fruit than the old type. The cucumbers grow 10 inches long, and are straight and handsome and of fine quality, and retain their green color for a long time. Matures a little later than the early strain, but the fruit is larger and handsome. One of the best varieties. Oz., 10¢; ½ lb., 90¢; lb., $1.25.

Davis Perfect

As a new selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an intensely dark rich green skin. With very few seeds, the solid white flesh is of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market, often being taken for “hot-house grown.” The vines are of strong growth and quite productive. Pkt., 5¢; ½ lb., 40¢; lb., $1.25.

Jersey Pickle

In size between the Half Long and Long Green, and is used extensively by pickle growers, being productive and of deep green color. Pkt., 5¢; ½ lb., 35¢; lb., 90¢.

Gherkins or Burr

Very small, quite distinct from all others. It is grown exclusively for pickling, and should be picked when young and tender. Pkt., 5¢ and 10¢; ¼ lb., 35¢; lb., $1.25.
**Egg Plant**

1 ounce will produce 1,000 plants.

Sow in March in hotbeds, and transplant when 2 inches high into a second hotbed, or let them remain and thin out to 4 inches apart. When the weather becomes settled, transplant into the open ground 3 feet apart each way. Good culture is quite as important as good seed. Work the ground deep, make it rich with well-rotted manure and hoe often.

Mammoth Smooth Stem

This superior strain is a decided improvement on the New York Large Purple in quality, size and beauty. The plants are large and vigorous, leaves of a light green shade, stem smooth, fruit large, oval, early and of a fine deep purple. Pkt., 10c; oz., 40c; ½ lb., $1.25; lb., $4.50.

**Black Beauty**

The most beautiful and earliest of all large Egg Plants. Pkt., 10c; oz., 40c; ½ lb., $1.25; lb., $4.50.

**New York Improved Purple**

Oval shaped, thornless, dark purple color, and rich flavor. Pkt., 10c; oz., 40c; ½ lb., $1.15; lb., $4.00.

**Florida High Bush**

Very vigorous and productive; of upright growth, holding the fruit well off the ground; color light purple; a oblong shape. Pkt., 10c; oz., 30c; ½ lb., $1.00.

**Endive**

1 ounce to 100 feet of drill; 2 lbs. to the acre.

Endive may be sown at any time. For main crop sow in June or July in rows 16 inches apart. When nearly full grown it is blanched, to destroy bitterness, in the following form: When dry gather up the leaves and tie them by their tips in a conical shape, or lay clean boards right over the plants, which thereby excludes the light and air from the inner leaves, which then blanch to a beautiful yellowish white. After 14 days or 3 weeks they will be ready for use. Tie up at different times, as it only keeps a short time after blanching. It makes a splendid salad, and is very useful, as it comes in after lettuce is gone.

**New Floradale Savoy**

Of medium height, with long deep curled green leaves, and is one of the handsomest Kale ever developed. Its graceful leaves are unmarked by frost. It is late seeding, and will be found in good condition after all other varieties have lost their usefulness. Pkt., 5c; ½ lb., 30c; lb., $1.00.

**American Long Standing**

An improvement on the well-known German Extra Curled Kale; beautifully curled, of strong, vigorous habit, perfectly hardy and slow shooting to seed. Pkt., 5c; ½ lb., 30c; lb., $1.15; 10 lbs., $4.50.

**Kohlrabi**

1 oz. will produce 1,000 plants.

This forms a bulb above the ground and its flavor is somewhat similar to Cabbage. Sow in April in rows 15 inches apart, thinning out to 8 inches between the plants.

**Early White Vienna**

Excellent for forcing and of fine quality. The bulbs grow to the size of an apple when ready for use, and are a pale whitish green. They are of delicate cabbage-like flavor. Pkt., 10c; oz., 20c; ½ lb., 30c; lb., $1.00.

**Leek**

1 oz. to 50 yards of drill.

Sow early in the spring in drills 1 inch deep and 12 inches apart; when about 6 inches high transplant into deep, rich soil, 5 inches apart; use a dibble and plant deeply, close to their leaves.

**Large London Flag**

A favorite market variety of enormous size, leaves large and broad; flavor mild and pleasant. Pkt., 5c; oz., 20c; ½ lb., 50c; lb., $1.00.

**Monstrous Carentan or Scotch Champion**

Of extra large size; the leaves are fan-shaped, of a dark green color; the edible stem is 6 to 8 inches long and 3 inches in diameter. Pkt., 5c; ½ lb., 65c; lb., $2.00.
Lettuce

1 ounce to 3,500 plants; 3 lbs. per acre.

Lettuce to be at its best should be grown rapidly, hence the soil should be made as rich and friable as possible by liberal manuring and thorough preparation. For early crop sow in a seed-bed in September or October and protect through the winter with cold frame which should be removed as soon as danger of severe freezing is past. Lettuce in open ground will stand some freezing but is killed by prolonged frost or frequent freezing and thawing. The seed may also be sown in hotbeds in March, and the plants, if well hardened by having been often exposed to the air, may equally be set in the open ground in April, maturing a crop much earlier than complete open ground cultivation would produce. If, however, it is not convenient to get the plants started either in the fall or early spring in hotbeds, the seed may be sown in open ground from the middle of April until July, selecting varieties suitable to the season.

The plants should be thinned or transplanted so as to stand 8 to 10 inches apart. Good seed, rich soil, plenty of moisture and sunshine, and frequent cultivation will result in a successful and very profitable crop.

Grand Rapids Lettuce.

Grand Rapids, a ground cooled with spring and fall, and has lately become popular in the South to grow for shipping North. Our seed is an extra selected strain of the true stock. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.25.

Black Seeded Big Boston

In comparison with the well-known, white-seeded Big Boston, the leaves are a trifle smaller and rather lighter shade of green with less color on edge. It produces larger solid heads, which are always tender and crisp, more compact and will stand shipping better. Excellent for forcing or growing in the open ground, spring or fall. Pkt. 5c; oz. 15c; ¼ lb. 45c; lb. $1.25.

Boston Market Forcing

A medium-sized, light green, compact, very early heading lettuce of excellent quality and desirable for forcing. Outdoors it is one of the earliest to form a head under favorable conditions. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.00.

Baltimore Early Market

Originated by a local market gardener. For several years past has supplied the earliest and finest Butterhead Lettuce to the Baltimore market. In comparison with other Butterheads the plant is taller from the red tint; the outer leaves are a light green, with the entire head fully blanched to a rich buttery yellow that, which makes it so attractive for late fall or in cold frames and early spring use. Oz. 15c; ¼ lb. 45c; lb. $1.25.

Large White Loaf

This is a standard variety amongst marketmen, hardy, little liable to rot and remaining in condition several days after being cut. The plant is up rich and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges. The leaves do not wilt quickly after cutting, so that the variety will stand shipping long distances better than most sorts. Very attractive and desirable for garnishing. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.00.

Earliest "Wayahead"

It shows a remarkable combination of earliness, firm heading character, handsome appearance and fine quality. Both in cold frames early in the spring and in the open ground—in spring, summer and early fall months—it has proved to be not only the very earliest and surest heading of all early lettuces, but also of the very finest quality at all seasons. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.25.

Big Boston

This is a fine forcing variety for cold frames during the winter months, as it produces heads of very large size, often 12 inches or more across, and succeeds better in cooler temperature than most forcing strains. The large heads are beautifully blanched and of superior quality. It also forms heads well in the open ground during cool weather of spring and fall, and has lately become popular in the South to grow for shipping North. Our seed is an extra selected strain of the true stock. Pkt. 5c; oz. 15c; ¼ lb. 35c; lb. $1.00.

May King Lettuce.

May King. A handsome, extremely early, compact cabbage or heading variety, forming very firm heads of medium size and excellent quality. Color light yellowish-green, tinged with reddish-brown when mature. Inner leaves blanch rich golden-yellow, very tender and buttery. Plant very compact for so large a head. Exceptionally early outdoors, attaining a size suitable for use before other sorts, and also very satisfactory for forcing. Pkt. 5c; oz. 15c; ¼ lb. 50c; lb. $1.00.

Superior Vegetable Seeds
Lettuce - Continued

Tuccarado We have been supplying this excellent variety to our customers for several years but as there has been only a limited quantity of seed available, we have not had the opportunity to offer this to our entire trade until this year. The large handsome heads are solid, crisp and of superb quality. Being of very vigorous and hardy nature, this variety is especially desirable for fall or early spring sowing. The strain is well established and we do not hesitate to strongly recommend this dependable sort to the most critical market gardeners and private growers. Oz., 20c; ½ lb., 60c; lb., $1.75.

Unrivalled This lettuce might well be called an improved Big Boston. It is rapidly coming into favor with market gardeners in sections where the Big Boston does well. Its usefulness and value are identical with the same as Big Boston, but it is preferred by market gardeners because of its being a solid green color with no brownish tinge at the border of the leaves. Its heads are larger and of better appearance than Big Boston. Pkt., 5c; oz., 20c; ½ lb., 60c; lb., $2.00.

Improved New York or "Wonderful" Large growth, producing heads of immense size under favorable conditions. Inner portion is beautifully blanched and stands for a considerable time before running to seed. Outer leaves are a deep rich green. Pkt., 5c; oz., 15c; ½ lb., 60c; lb., $2.00.

Hanson The plant is compact and forms a large, flat, cabbage-like head and is so slow to form a seed stalk that it often fails to seed at all. Outer leaves bright green, with prominent light-colored veins; inner leaves white and usually curved and twisted at the base; very tender and sweet; a favorite variety for home use. Pkt., 5c; oz., 10c; ½ lb., 35c; lb., $1.15.

Manns' Defiance Summer This variety, introduced by us several years ago, has made a very eventful impression upon the grower, as well as the consumer. In appearance it outclasses all others. It forms handsome, solid heads of enormous size, almost as large as cabbage heads, which remain in good salable condition long after all others have gone to seed. The flavor is excellent; the leaves are a beautiful light green. Very profitable for market gardeners. Oz., 20c; ½ lb., 60c; lb., $1.75.

All Seasons One of the best all-head Lettuces, standing the hot sun to a remarkable degree, slow to seed, handsome in appearance. The outer leaves are a bright soft green; the finely-blanced inner leaves are a rich golden-yellow, tender and mild in flavor. The heads are broad and nearly flat at the top; they continue to increase in size for about two weeks after they are ready for use. Pkt., 5c; oz., 15c; ½ lb., 50c; lb., $1.00.

Improved Mammoth Salamander Grand mammoth hard-heading Cabbage Lettuce. Plants 12 inches across with extra large, solid round heads that are particularly rich and buttery in flavor; always well blanched and tender. The inner leaves are beautifully white and curled like a fine Savoy Cabbage. Splendid for summer use, both for the home table and for market. Most highly recommended. Pkt., 5c; oz., 10c; ½ lb., 40c; lb., $1.25.

All-Heart Lettuce A very bright green and attractive variety. It forms large, solid heads, composed of thick, smooth, very tender leaves, the inner ones finely blanched and all of the finest quality. It remains a long time in head before running to seed. Pkt., 5c; oz., 10c; ½ lb., 40c; lb., $1.25.

Baltimore Oakleaf This is a great improvement upon the old variety. Instead of the loose green oak-leaved-shaped plants, of inferior quality and taste, we are offering in this new strain a well-compact, large-headed, round-ended variety of a beautiful light green color, which remains in fine condition long after other varieties have gone to seed. It is very hardy and largely used by market gardeners for late planting to stand out winter and develop large, solid heads very early in the spring. Oz., 15c; ½ lb., 30c; lb., $1.00.

Tenderheart The heads are large and round, tightly formed, tender, sweet and crisp, with waxy cream colored leaves. This fine lettuce matures in 40 days and will withstand the early summer heat splendidly. Pkt., 10c; ½ lb., 40c; lb., $1.25.

The "Deacon" This has been also "renamed" San Francisco Market. Large Russian, Vauxhall. The heads are light green outside, while the inner blanched portion is beautiful cream yellow, of delicious rich buttery flavor. A splendid lettuce for summer use. It stands the hot summer heat to a remarkable degree. Pkt., 5c; oz., 15c; ½ lb., 30c; lb., $1.00.

Cos, or Celery Lettuce Paris Self-Folding White Cos Group to very large size, producing long-pointed, compact bunches. The outer leaves are closely folded about the center and interior is well blanched. Pkt., 5c; oz., 20c; ½ lb., 40c; lb., $1.25.

Cos, or Celery Lettuce Fresh Daily in Season. See Page 35.
Muskemelon or Cantaloupe

Superior

Golden Honey Dew

An extra early, small, green-fleshed melon; fruit round and flattened at the ends, deeply ribbed and heavily netted. Pkt., 5¢; oz., 10¢; ½ lb., 25¢; lb., 75c.

Bottomly

Extra Early Jenny Lind or Jersey Button

A new distinct melon of the Cassaba type. The fruit is large oval in form, about 1½ inches long and 8 inches in diameter; surface smooth and hard, without ribbing or netting, creamy white in color turning to a lemon tint when fully ripe. The very thick flesh is light green in color, ripening to the red, very tender, with an extreme sweetness found in no other melon. The vines are vigorous and set 6 to 10 melons to the hill. An excellent shipper, will keep for several weeks even when fully ripe. Pkt., 5¢; ½ lb., 40¢; lb., $1.50.

Golden Honey Dew

Fruit is large oval in form, about 1½ inches long and 8 inches in diameter; surface smooth and hard, without ribbing or netting, creamy white in color turning to a lemon tint when fully ripe. The very thick flesh is light green in color, ripening to the red, very tender, with an extreme sweetness found in no other melon. The vines are vigorous and set 6 to 10 melons to the hill. An excellent shipper, will keep for several weeks even when fully ripe. Pkt., 5¢; ½ lb., 40¢; lb., $1.50.

Thoroughbred Rocky Ford

An extremely early and very prolific melon. The vine is oval, slightly ribbed, densely covered with coarse netting. Flesh light green, very thick and highly flavored. We offer an exceptionally fine stock of this sort, the fruit being wonderfully uniform in shape and quality. Pkt., 5¢; ½ lb., 30¢; lb., 75c.

Green Flesheed Varieties

Knight's Early Maryland

An extremely early and very prolific green-fleshed melon. Fruit oblong, showing the neck tendency; skin deep green, turning at maturity, well covered with a close gray netting and distinctly ribbed; flesh fairly thick and very sweet; color golden yellow; green blending to light pink near the rind. The greatest high quality melon and a good shipper. Pkt., 5¢; ½ lb., 50¢; lb., $1.75.

Salmon Flesheed Varieties

Paul Rose, Petokey, or Salmon-Fleshed Gem

This is the original salmon-fleshed "basket" melon. It holds the same place in the salmon-fleshed sorts as the Netted Gem does in the green-fleshed. Pkt., 5¢; ½ lb., 35¢; lb., $1.00.

Burrell Gem

Of sweet and aromatic flavor, oblong shape, smoothly rounded ends, closely netted and slightly ribbed dark green skin. Fruits average 6 inches long by 4 inches deep. Very fine for marketing. Pkt., 5¢; ½ lb., 25¢; lb., $1.00.

Emerald Gem

Ripens early, medium size, nearly round, flesh a delicate light salmon color, very thick, fine grained and of superb flavor. The rind is thin, dark green, ribbed, slightly netted. Pkt., 5¢; ½ lb., 30¢; lb., $1.00.

Hoodoo

The fruits average nearly round. The netting is exceptionally dense. The rind, although thin, is so very firm that the Melon will arrive in distant markets in perfect condition. The flesh is very thick, highly colored and of most delicious flavor. Pkt., 5¢; ½ lb., 35¢; lb., $1.00.

Citron

Red Seeded

A small, globular variety, striped and marbled with light green. Flesh white and solid; seeds red. Used exclusively for pickles and preserves. Pkt., 5¢; oz., 10¢; ½ lb., 40¢; lb., $1.55.
**Watermelon**

1 square for 50 hills; 3 or 4 pounds to the acre. Cultivate exactly as for Cantaloupe, except that the hills should be 8 to 10 feet apart.

**Kleckley’s Sweet, or Monte Cristo** This is a splendid melon, one of the best for nearby markets. Fruits are medium size, oblong, of dark green color and have very thin rind. Flesh is bright scarlet with solid heart, crisp, succulent and melting, and entirely free from stringiness. Pkt., 5c; ¼ lb., 25c; lb., 40c.

**Halbert’s Honey** Fully equal in quality to Kleckley’s Sweet, which it resembles. It is more even in outline, blunter at the ends and the skin is of a richer, darker color. Pkt., 5c; ¼ lb., 20c; lb., 60c.

**Tom Watson** A large long melon with dark green rind and a splendid shipper, and is being grown extensively in the South for Northern markets. The seeds are white marked with brown. Pkt., 5c; ¼ lb., 20c; lb., 60c.

**Alabama Sweet** A sweet, firm, light crimson flesh of excellent quality. It is a still darker green mottled stripe, and while thin, it is very tough, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet and luscious, entirely stringless and very firm. The seeds are white, slightly tipped with brown, and are firmly set in small cavities near the rind. Pkt., 5c; ¼ lb., 20c; lb., 60c.

**Florida Favorite** Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Pkt., 5c; ¼ lb., 15c; lb., 50c.

**Triumph** A splendid shipping variety of large size and handsome appearance. The melons are rather shortened in form, but thick through. Skin deep bluish green, with dark-red flesh and of good quality. Pkt., 5c; ¼ lb., 15c; lb., 50c.

**Dark Icing** Skin dark green, indistinctly veined with red and shaded. Fruit almost round. Pkt., 5c; ¼ lb., 15c; lb., 50c.

**Irish Gray** In sweetness it is like Kleckley’s Sweet; in shipping quality, uniformity in shape, size and production it is even better than Tom Watson. The thin rind is so tough it will not wrinkle. It is more even from rough treatment in transit; its keeping quality will appeal to shippers who have experienced losses on account of glutted markets. The color is a distinct mottled greenish gray; the flesh is red, sweet, crisp and free from stringiness. An unusual melon, for although a grand shipper it is equally fine for the home garden. Pkt., 5c; ¼ lb., 20c; lb., 75c.

**Sweetheart** Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Pkt., 5c; ¼ lb., 15c; lb., 50c.

**Shaker Blue** Melons grow as large as that great shipping variety, the Triumph, but are very much better flavored and even handsomer in appearance. The melons are a round oval in form, from 16 to 18 inches long by 12 to 16 inches in diameter. Well-grown melons average 40 to 50 pounds, but frequently there are some that weigh from 60 to 80 pounds each. The rind is dark green, striped with narrow bands of a lighter green, and when ready for shipping the melons are seemingly of a solid dark green color. The flesh is red, the heart large, with no core, and the flavor superb. For shipping to distant markets this melon is most satisfactory. Pkt., 5c; ¼ lb., 20c; lb., 60c.

**Okra, or Gumbo** 10 lbs. to the acre. Sow in drills during April and May. Thin until plants are 12 inches distant, and draw earth to the stems for support.

**Improved Dwarf Green Prolific or Density** A distinct variety growing about 14 inches high. Grown in competition with the ordinary dwarf, it produces twice the number of pods, which are very smooth and beautiful. Pkt., 5c; ¼ lb., 20c; lb., 60c.

**White Velvet** Pods are large, perfectly smooth. Pkt., 5c; ¼ lb., 15c; lb., 50c.

**Lady Finger** Plants producing long, slender pods of pale green color. Pkt., 5c; ¼ lb., 15c; lb., 50c.

**Perkins’ Mammoth Green** Pod A splendid variety. Very prolific, with slender long green pods of best quality and most desirable color for canning. Pkt., 5c; ¼ lb., 20c; lb., 60c.

**Mustard**

**Southern Giant Curled** The true curled-leaf variety, so popular in the South for planting in the fall to furnish an early spring salad. Those who do not care for Mustard as a salad will be delighted with the leaves if cooked like spinach, as the flavor is much superior to that of spinach. Pkt., 5c; ¼ lb., 25c; lb., 70c.

**Mushroom Spawn** These delicious fungi can be grown in a warm cellar or enclosed shed, in which an even temperature can be maintained of from 60 to 65 degrees, and where a plentiful supply of fresh, ripenable manure for making the beds can be obtained. Bricks weigh about 1½ pounds, and a brick is sufficient to plant about 9 square feet.

**English Mill Track Spawn** 1 lb., 10 lbs., 82½¢. If sent by mail, add postage.
Onion

To grow large bulbs 1 oz. to 100 ft. of drill 4-5 lbs. to the acre. To grow sets 10 oz. to 100 ft. of drill; 50 lbs. to the acre.

The Onion must have a clean and very rich soil. Use well-rotted manure freely, and get the seed in as early as possible in the spring, no matter if it is cold and unpleasant. If onions do not get a good growth before hot, dry weather, the crop is sure to be a failure. Keep the soil mellow and clear of weeds. Sow in shallow drills, not less than a foot apart nor more than half an inch deep. As onions grow on top of the ground, they may be allowed to remain pretty thick, no matter if they crowd each other. In hoeing, destroy weeds and keep the ground mellow; do not cover the young bulbs with earth. It is useless to try to grow onions on poor, unsuitable soil. Three days neglect when the weeds are growing rapidly will sometimes ruin a crop, and a week too late in sowing makes the difference between a good and a bad harvest. With proper manuring, onions can be grown on the same land for a score of years, and it will become cleaner and better every year.

White Silver Skin, or Portuguese

Onions; is almost exclusively used for growing sets. It is a good keeper. The bulbs grow to good size, ripening early and quite evenly. The flesh is milky and sweet, the thin skin a clear silvery white, of handsome appearance if the bulbs are gathered as soon as ripened and carefully dried under shelter away from the strong sunlight. When seed is sown at the rate of 20 to 25 pounds per acre, it makes bulbs of suitable size and most desirable for pickling. Pkt., 5c; oz., 25c; 1/4 lb., 60c; lb., $2.00.

White Pearl

Very fine and very early variety. Bulbs when well grown are large, round, flattered, with a delicate purplish skin; flesh very mild in flavor. In the South this variety is largely planted for sets. Pkt., 5c; 1/4 lb., 60c; lb., $2.00.

Mammoth Silver King

Thick, round, shiny with a diameter of 7 inches in circumference. The large bulbs are of attractive form, flattened, but quite silvery white skin, frequently thick. Must be sown thinly to produce large onions. Our stock is true American grown of finest strain. In 20c; 1/4 lb., 60c; lb., $2.00.

Yellow Danish

Globe Onion.

Austalian Brown

An early and very hardy variety which does especially well in the South. Should be planted early, on low, wet ground, to get large bulbs. The skin is thick and the color is a rich brown. It is especially noted as a long keeper, as it keeps well into spring and much longer than other varieties. Pkt., 5c; 1/4 lb., 45c; lb., $1.75.

Austalian Yellow Globe

It is a fit companion to the new well-known Australian brown. The bulbs are globe-shaped, with a light brown-yellow skin. Sold and heavy. In 20c; 1/4 lb., 40c; lb., $1.50.

White Silver Skin Onion,

Prizetaker (American grown). The seed we offer produces large, well-ripened bulbs the first season from seed; flesh white; crisp and mild in flavor. The skin is thin, of a bright straw-yellow; form nearly a perfect globe. Under ordinary cultivation this variety will yield bulbs nearly three times as large as the Globe Danvers, while under special cultivation specimens have been raised to weigh from 2 to 5 lbs. each. These are the large, mild Onions which are sold in small crates in the early fall, and are esteemed for their large size, handsome appearance, mild and delicate flavor. Pkt., 5c; oz., 25c; 1/4 lb., 55c; lb., $1.75.

Yellow Dutch, or Strasburg

The most popular and best variety for set purposes. It is similar to the Yellow Danvers. Flat in shape; good color and size, but as a set onion it has the quality of ripening down earlier and more uniformly. Pkt., 5c; 1/4 lb., 40c; lb., $1.50.

Yellow Danvers Globe

Our superior stock of this celebrated variety is of fine round shape. It grows to good size, with thin yellow skin, white flesh, fine grains and excellent quality. It ripens early, keeps well and is very productive. Pkt., 5c; oz., 25c; 1/4 lb., 45c; lb., $1.50.

Red Wethersfield

Large sized, somewhat flattened; skin very deep red and very hardy. In 20c; 1/4 lb., 50c; lb., $1.75.

Onion Sets

We are large producers and contractors of Onion Sets, with best facilities for handling large quantities. Prices quoted below are subject to market changes. Plant in drills 12 inches apart and 4 inches between the sets.

Choice Yellow Danvers

Quart, 15c; bushel, $2.75.

Choice Yellow Strasburg

Quart, 15c; bushel, $2.75.

Choice White Silver Skin

Quart, 20c; bushel, $3.25.

If sent by mail, 10c extra per quart.
Parsley

1 oz. to 150 feet of drill.

Sow in rows 1 foot apart and 1 inch apart in the row. The seed is slow to germinate, and should be given the most favorable conditions. A deep, rich, loamy soil is required. For winter use a few plants placed in a box in the cellar will give a supply.

Extra Dark Moss Curled

The large leaves are very heavily crimped and curled, being quite moss-like in appearance and of a peculiarly rich, extra dark green coloring. Very productive and most attractive as a garnish, both on account of this green coloring and fine mossy appearance. Pkt., 5c; 1/4 lb., 25c; 1 lb., 75c.

Fine Double Curled

Plants of dwarf, compact growth, while the leaves are of a handsomely bright green coloring, very finely crimped and curled, of a most ornamental appearance. One of the finest for garnishing or flavoring. Pkt., 5c; 1/4 lb., 25c; 1 lb., 75c.

Extra Curled Dwarf, or Emerald

The plants are of dwarf, compact growth, while the leaves are of a handsomely bright green coloring, very finely crimped and curled, of a most ornamental appearance. One of the finest for garnishing or flavoring. Pkt., 5c; 1/4 lb., 25c; 1 lb., 75c.

Turnip-Rooted, or Hamburg

The edible portion of this variety is the large swollen or fleshy root, which resembles the root of a Parsnip, and is highly esteemed for flavoring soups, stews, etc. As the root is the portion desired, the young plants should be well thinned out. Pkt., 5c; oz., 15c; 1/4 lb., 25c; 1 lb., 90c.

Pumpkins

King of the Mammoths Pumpkin.

1 ounce to 15 hills; 4 lbs. per acre, in hills 10 by 10 feet apart.

CULTURE. Sow in good soil in May, when the ground has become warm, in hills 8 to 10 feet apart each way, or in fields of corn about every fourth hill; always avoid planting near other vines, as they will hybridize.

Sugar Pie Pumpkins

This is the best of all Pumpkins for pies. The fruit is small to medium in size, flesh solid and fine grained, and the seed cavity small, and it is a splendid keeper. Pkt., 5c; 1/4 lb., 25c; 1 lb., $1.25.

Quaker Pie

It is oval in shape, and tapers toward each end; of a creamy color, both inside and out. Being fine grained and rich flavored, it makes a superior quality of pies. Pkt., 5c; 1/4 lb., 25c; 1 lb., $1.00.

Connecticut Field

One of the most popular varieties to grow for pies as well as for stock feeding. Fruits 2 feet in length, with long, solid neck, most frequently curved in form; seeds are located in the lower bulb-like end. Skin striped with motiled bands of creamy white, Flesh rich, creamy yellow, tender and of exceptionally fine flavor. Pkt., 5c; 1/4 lb., 25c; 1 lb., $1.25.

Cushaw, or Crookneck

One of the most popular varieties to grow for stock feeding. Fruits 2 feet in length, with long, solid neck, most frequently curved in form; seeds are located in the lower bulb-like end. Skin striped with motiled bands of creamy white, Flesh rich, creamy yellow, tender and of exceptionally fine flavor. Pkt., 5c; 1/4 lb., 25c; 1 lb., $1.25.

Sweet Potato

Excellent for pies, pear-shaped, medium sized, flesh and skin creamy white, fine grained, sweet and delicious; first-class keeper. 1/4 lb., 40c; 1 lb., $1.25.

Japanese Pie

Crookneck variety, with extremely small -seed cavity; nearly all solid meat; quality extra fine; seeds distinct in appearance, being curiously sculptured in the manner of Chinese letters. Productive, ripens early, medium size, good keeper. 1/4 lb., 40c; 1 lb., $1.25.

King of Mammoths

This giant variety grows to enormous size. Deep yellow, glossy color. Splendid to grow for stock and exhibition purposes. 1/4 lb., 40c; 1 lb., $1.25.

Hollow Crown

The best variety in cultivation for general use; roots white, smooth, of intermediate length; sugary, of excellent flavor. Pkt., 5c; 1/4 lb., 23c; 1 lb., 75c.

Improved Guernsey

An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Pkt., 5c; 1/4 lb., 35c; 1 lb., 75c.

Hollow Crown

Improved Guernsey

Hollow Crown

Parsnip

Extra Dark Moss Curled Parsley.
PEAS

1 quart to 100 feet of drill; 1 1/4 bushels per acre.

Peas grow best on a light, rich, mellow soil under cool and moist weather conditions. Occasionally a light and very rich or wet mucky soil should be avoided.

The extra early varieties are very hardy and should be planted as soon as the ground can be made ready, while the larger wrinkled varieties, which are not as hardy but of superior quality, may be planted when the soil has become slightly warmed, as the seed will rot if planted too early.

For private use, sow the seed in double rows, 15 inches apart and 3 inches apart in the rows for market, in single rows 2 to 3 feet apart and 1 inch apart in the rows.

The peas will give quicker returns if covered only one inch deep, and where earliness is important they may be treated in the same way as corn. Larger pods and greater quantity will be produced if the seed is planted in trenches three to six inches deep and covered with only one to two inches of soil. When the plants are five or six inches high, fill the trenches with water. This will result in deep rooting, prevent futility and prolong the bearing season. If the peas are covered to the full depth at first, or when the soil is allowed to stand in the trenches the seed will not germinate or grow well. The crop should be gathered as fast as it becomes fit for use, as even a few ripe pods left on the vines tend to retard the development of the young pods and prevent the formation of new ones.

First Early Smooth Varieties

Extra Early Alaska Vine strong and vigorous, 2 to 3/4 feet high, of a peculiar light green color, pods 3 to 3 1/2 inches long, straight and blunt at the end, ready for picking 49 to 50 days from planting. Seed round, blue, slightly pitted. Matures very early. Qt., 30c; pk., $1.75; bu., $6.25.

Pedigree Extra Early This superb strain is a great favorite with large growers. Equally as early as the choicest stock of Alaska, the peas are much better in flavor. The vines are quite slender, of very quick growth, and average 18 to 24 inches in height. The pods are well filled, and the entire crop can be gathered generally in one picking. Qt., 35c; pk., $2.00; bu., $7.60.

New Market Surprise This new and very profitable variety is as early as Extra Early Alaska and as large and prolific as Prolific Early Market. It has for these reasons become established as a favorite among private growers and market gardeners. Our trials during the past three years have given us every reason to be very enthusiastic over the possibilities of this pea and we recommend it highly to all growers who want an early, prolific, and high quality crop. The vines grow about 2 feet high and bear a wonderful crop of large pods, well filled with luscious peas. Plt., 20c; Qt., 35c; pk., $2.25; bu., $8.00.

Long-Podded Alaska A favorite with truckers and shippers to Northern markets, producing a very early crop of large, broad, well-filled, dark green pods. Equally as hardy as Extra Early Alaska and much larger. The vines usually grow three feet high and the crop will remain fresh a long time after picking. Qt., 40c; pk., $2.25; bu., $8.50.

Bountiful Resembling the Alaska in general habit of growth, Vine 36 inches, foliage gray-green; pods 3 1/2 inches in length, pointed, gray-green in color. Fit for table use 36 to 57 days from planting; a prolific bearer, making it a valuable variety. Seed blue, medium pitted. Qt., 40c; peck, $2.25; bu., $9.00.

Proliic Early Market Longer podded and more pro-

life than Pedigree Extra Early, for which it is a fit companion and close second, as it comes in only four or five days later. The vines grow to 24 to 30 inches high and produce pods singly. One picking will take about three-fourths of the crop, and a second picking, which is to be made about three days later, will take the balance. It is remarkably uniform and very free from spots of any kind. The peas are of the finest quality. Qt., 35c; pk., $2.00; bu., $2.50.

Second Early Smooth Varieties

Improved Sugar Marrowfa This fine Pea has given wonderful satisfac-
tion to all who have planted it. It grows about 2 feet high, bears enormous handsome pods, which are completely filled with large, deliciously flavored, deep green peas. It is undoubtedly the most productive Pea offered. Qt., 40c; pk., $2.50; bu., $7.00.

French Canners It is very prolific, bearing an abundance of long pods, containing from 7 to 10 peas of excellent flavor. Height 3 1/2 feet. Qt., 30c; pk., $2.00; bu., $4.50.

Dwarf Giant Podded Prolific Green Marrow This variety has become a consumer as well as grower. Vines of a strong growth, with a large dark green foliage, but only 18 to 20 inches in height, and do not need to be supported. Pods of large size, well filled with large dark green peas of rich marrow flavor. Qt., 50c; pk., $3.25; bu., $18.50.

Edible Podded Peas

This is a class of Peas not generally known in this country, but much used abroad, in which the sweet, brittle and succulent pods have none of the tough inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans.

Mammoth Melting Sugar This is by far the largest and finest of the true strong, vigorous growth, frequently 4 to 5 feet in length, and the pods come rather late, or about the same time as the Telephone and Strata-
gram Peas. The vines are a mass of enormous pods and continue bearing for a long time. Pods average 5 to 6 inches in length and 1 1/2 inches broad, thick and fleshy. Broken and boiled like string beans and served with butter sauce, they have a luscious flavor. Qt., 60c; pk., $3.50.

Dwarf Sugar, Edible Pods This variety possesses all the fine cooking qualities of the Mammoth Sugar, nearly two weeks earlier in maturing, average growth 30 inches. Qt., 50c; pk., $3.00.
PEAS

Continued

Wrinkled Varieties

Extra Early Gradus Also known as the "Prosperity" Pea. This popular new variety is a large-podded wrinkled pea of the finest quality. Matures in pods only two or three days later than the small-podded, round-seeded, early varieties. The vines grow 2½ to 3 feet high and produce an enormous crop of large, very deep pods. This variety is one of the most desirable for the family garden or home use.

Litttle Marvel

This is an introduction, similar to Nott's Excelsior. The vines grow 15 inches high and produce an abundance of pods, frequently borne in pairs, which average 2½ inches in length and well filled with 6 to 7 medium-sized, deep green peas of the finest quality. Qt., $3.50; pk., $3.00; bu., $13.00.

American Wonder

This is a dwarf variety, and leads growing about 10 inches high, and produces a profusion of good sized, well-filled pods, with finest-flavored peas. Qt., 45; pk., $2.75; bu., $10.00.

Premium Gem

Nearly as early as the American Wonder, and the very productive vine is decidedly larger, growing to a height of from 15 to 18 inches. The pods are large and crowded with 6 to 8 very large peas of fine quality. Qt., 50c; pk., $2.25; bu., $10.00.

Nott's Excelsior

One of the best Early Dwarf Peas. It combines the good qualities of the American Wonder and Premium Gem Peas. The vines are larger and more productive than American Wonder Peas. The peas in sweetness and quality unsurpassed. Qt., 50c; pk., $2.75; bu., $10.00.

Potlatch

Strong, vigorous vines for even growth, 2½ to 2½ feet high. The peas in medium size, well filled, with wrinkled, green, large in size. Qt., 50c; pk., $3.00; bu., $11.00.

Thomas Laxton

This variety is the same growth with three to four days later for market. The pods are large, and grow to a height of from 15 to 18 inches. The peas are square at the ends instead of having a long, tapering point, and considered by some to be of a better flavor than the Gradus. Qt., 50c; pk., $2.00; bu., $11.00.

Giant of England

A universal favorite, delicious flavor, productive bearer of large pods, filled with large green wrinkled peas. Height about 4 feet. Qt., 40c; pk., $2.50; bu., $9.50.

Daisy, or Dwarf Telephone

A second early, of robust growth but remarkably even and strong. From 16 to 18 inches high. The stout plants are fairly loaded with large, bright green pods. Each pod contains from 7 to 9 large peas of a light bright green color, tender and well flavored. Qt., 50c; pk., $3.00; bu., $11.00.

Laxtonian

This is the finest dwarf early pea offered by the seedsmen. The vines grow 18 to 20 inches high and produce an enormous crop of dark green pods as large as Gradus, maturing a few days ahead of this variety. Qt., 55c; pk., $3.35; bu., $12.00.

Sutton's Dwarf Defiance

A new wrinkled marrow of very fine quality. Vines stocky, quite dwarf, pods large and well filled. The excellent production of this variety for a dwarf sort makes it one of the most valuable of all for home gardens. Qt., 50c; pk., $3.00; bu., $11.00.

Admiral Dewey

Height 3½ feet; pods a rich dark green color, frequently 6 inches long, beautifully shaped. Pods large, tender and of first-class flavor. Qt., 50c; pk., $2.85; bu., $10.50.

Long Island Mammoth or Telegraph

Very popular among gardeners who want a large, handsome end of a deep green color. Qt., 45c; pk., $2.75; bu., $10.00.

Alderman

This splendid new pea comes from a European specialist in hybridizing. It is similar in growth to the Telephone, maturing about the same time. Qt., 50c; pk., $3.00; bu., $11.00.

Dwarf Champion

This new pea possesses all the merits of the Champion of England, with less vine (2½ inches), larger pods and more of them, and coming a little earlier. Qt., 50c; pk., $2.00; bu., $10.00.

King Edward VII

Hardy and very prolific. Vine 1½ feet in height, with dark green foliage. Pods dark green, curved and pointed at the ends. Ready for table use 60 days after planting. Qt., 50c; pk., $3.00; bu., $11.00.

Telephone

A fail-growing late sort, 2½ to 3 feet in height, having pods of very large size, containing 6 to 8 large peas of delicious flavor. Continues in bearing for quite a long time. Qt., 50c; pk., $2.50; bu., $10.50.

Boston Univalved Telephone

An improved strain of the popular telephone, and are covered with fine, large pods. Qt., 50c; pk., $3.00; bu., $11.00.
Peppers

1 oz. to 1,500 plants.

Peppers should be sown either indoors or in hotbeds early in April and transplanted to the permanent beds when about 3 inches high in two foot drills and two feet apart in the drills. The seed can also be sown in open ground when danger from frost is past but the crop will naturally be much later. A top dressing of fertilizer or poultry manure well mixed with the soil when the plants are about 8 inches high will materially aid in the production of a big crop.

Royal King

A new variety of a large and peculiar type, it grows to large size and is very mild. The fruit is large, bright and glossy and the extremely thick flesh is sweet and mild. They will stand distant shipping and hold up well for market as they do not wilt nor become ripe near so quickly as Ruby King and other large varieties. This strain is extensively grown in the South by large shippers and under very favorable conditions a record of $66 ½ lb. per acre has been established. It is a decided improvement upon anything yet offered in the way of a large sweet pepper and deserves the attention of every trucker and home gardener, as the quality and marketing possibilities are unexcelled by any other variety. Pkt., 10¢; oz., 50¢; ¼ lb., $1.25; lb., $5.00.

Ruby Giant

A variety of Mango Pepper 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. Pkt., 10¢; oz., 50¢; ¼ lb., $1.25; lb., $6.00.

Pimento or Perfection

A medium early pepper, perfectly mild with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole. Pkt., 10¢; oz., 35¢.

Chili, Small

Red conical pod about 2 inches long, very hot. Fine for pepper sauce and seasoning. Oz., 35¢; ½ lb., $1.15; lb., $4.00.

Cherry Red

Red or yellow round, very hot. Pkt., 10¢; oz., 20¢; ¼ lb., 85¢; lb., $3.00.

Ruby King

A good variety for mangeos or pickling; very productive and sweet. Pkt., 10¢; oz., 40¢; ¼ lb., $1.25; lb., $1.00.

Chinese Giant

This desirable variety is undoubtedly the largest Sweet Pepper ever offered. The flesh is quite thick, very mild and remarkably sweet. Pkt., 10¢; oz., 50¢; ¼ lb., $1.25.

Large Bell or Bull Nose

This large early and productive sort has the most prominent flavor of all the large peppers. Thick flesh. Pkt., 10¢; oz., 40¢; ¼ lb., $1.25; lb., $4.00.

Neapolitan

A variety of Sweet Pepper which matures very early. It grows about 3 inches long, and is remarkably sweet. Pkt., 10¢; oz., 50¢; ¼ lb., $1.15; lb., $3.75.

Long Red Cayenne

Bright red color and very pungent. This is an old-time favorite and is used extensively for pickling with hot herbs. Pkt., 10¢; oz., 50¢; ¼ lb., 90¢; lb., $3.25.

World Beater

A splendid pepper of recent introduction, it has hybridization is a cross between Chinese Giant and Ruby King and combines the size of one and the earliness of the other. It is exceedingly mild and the color is at first green changing to a beautiful shade of scarlet. The flesh is very thick, making distant shipment possible. Pkt., 10¢; oz., 45¢; ¼ lb., $1.40; lb., $5.00.

PEPPER PLANTS

In All the Leading Varieties

Fresh Daily—See Page 35
Seed Potatoes

We offer only strictly first class and dependable seed, produced in Aroostook County, Maine, and in most every instance certified by the Government to be free from disease and true to type.

Our prices are very low, quality considered, and are quoted subject to market fluctuations.

Potatoes will adapt themselves to various soil conditions as well as most vegetables. A better crop will be produced, however, on a sandy loam which contains a quantity of well rotted vegetable matter. A clover sod, vetches turned under in the fall, or land which was heavily manured for a potato crop the previous year, will give good results.

In preparing the seed the eyes should be cut so that the largest part of the surrounding flesh is situated toward the stem end, because the eyes of a potato always have a root system growing from them. The sprouts cannot draw moisture from the opposite direction. If the ground you intend to use has produced a scabby crop previously or the seed shows any trace of disease, the pieces should be soaked in a formaldehyde solution as a preventative.

For a very early crop, run off furrows about three feet apart and plant the seed as deep as the furrows are wide. Drop the pieces 1\(\frac{1}{2}\) inches apart in the furrows and cover to a depth of about 1\(\frac{1}{4}\) inches, gradually filling in the furrows as the vines grow larger. For main crop it is just as well to cover the eyes with four inches of soil. Once the fertilizer is used, apply it either in the row or broadcast before planting and be sure that it is thoroughly mixed with the soil so that the seed is not burned. Fresh stable manure will cause the potatoes to become scabby.

Just before the first crop is ready to be harvested, the ground run a light harrow over them to bring the weeds and trash up the crust. Continuing weeding and harrowing until there is danger of breaking off too many sprouts. At this stage of growth, large growths, of following the practice in Maine, often give a second dressing of fertilizer and cut up the vines, controlling the growth. This results in the growth of another layer of tubers, starting just below the new vines. By this method a much larger crop is produced than with the ordinary methods, and the field is once more free from weeds. Culture thoroughly and frequently, being careful not to cut any of the roots, continuing until the vines have attained full growth and begin to spread.

Spraying for insects and blight is very necessary. Pyrox, Bug Death, etc., giving very satisfactory results. Preparations containing arsenic should not be used, because it has this tendency to weaken the plants.

The size and quality of the crop and the ability to resist disease is directly dependent upon the seed planted and the amount of cultivation or attention that will be given. The results of poor seed. Beware of your crop and plant only the best Maine grown seed potatoes.

Vermont Gold Coin is a very desirable, main crop variety with near perfection in introduction; has proven to be very hardy, of vigorous growth, most productive, of very early growth and bearing, highly oblong, rather broad and quite thick through the eyes are small, and there is but little waste in paring. The skin and flesh is thin, smooth, and of excellent quality. The tubers are of medium size, of good quality, and of the best market type. White Star is a good variety, with very fine, glossy, eyes; skin medium, of medium size, and a good keeper.

Carman No. 3 is a very good variety and one of the flattened. Norcross is its shape is a little oblong and slightly flattened, the skin is nearly netted or scabby, and the tuber is very oblong, rather broad and quite thick through the eyes. The tubers are large and very uniform, maturing medium early.

American Giant is one of the heaviest yielders grown, and is a favorite with all growers. It is a long, white, smooth, handsome potato, of good quality, with short eyes; maturing with the second earlies and a late keeper.

Prosperity is a very handsome general crop potato. Its skin is slightly rusty, of a light cream-white color; its shape is an oblong and slightly flattened. The eye are very shallow. The size is large and desirable, very few large imperfect; tubers smooth and regular in form and of splendid quality. Burbanks are a splendid early variety, fine quality, color a pure white, shape oblong, yielding large crops.

Seed Sweet Potatoes

Yellow Jersey Select "up-river" strain. A select strain of smooth, short, "chunky" Yellow Jersey. Yields 2\(\frac{1}{2}\) to 3 times per acre, sells higher than any other. Dry and sweet; decidedly the best ever grown.

Prices subject to market fluctuations.

Sweet Potato Plants For prices see page 55.

Prices on Application
Radishes

1 oz. for 100 feet of drill; 9 lbs. per acre.

Light, sandy soil, rich in organic matter is essential to produce crisp and tender radishes. For an early crop sow the seed as soon as the ground can be worked, in drills 6 to 10 inches apart, covering the seed half an inch deep. When the plants are well started, thin out to one inch apart in the drills. Frequent watering in dry weather is very beneficial as high quality is largely dependent upon rapid growth. For a continuous supply, successive plantings should be made at intervals of 10 days to two weeks, selecting varieties best suited for the season.

Extra Early Scarlet Globe (Forcing) This is the market gardener's favorite as a forcing Radish, very early; mild and crisp, juicy and tender; top small, will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape. Our stock of this is the very best, selected with special care to size, shape, color and earliness, and market gardeners will find it a money maker, as it is just right in every respect. Pkt., 5c; 1/4 lb., 20c; lb., 60c.

Extra Early Deep Scarlet Turnip Deep scarlet, turnip-shaped, small top, desirable for frames or outside. Pkt., 5c; 1/4 lb., 20c; lb., 50c.

Early Deep Scarlet Turnip For outdoor sowing this is the more important in the Baltimore market, thousands of pounds being annually used. Our stock is the very best. It has a rich scarlet color, ball shape, a little larger top and matures a week later than the forcing varieties. Pkt., 5c; 1/4 lb., 20c; lb., 60c.

Ruby-Pearl The color is a bright scarlet and white. It is extremely quick to mature, being ready for the table in 20 days from the time of sowing the seed. It is invaluable for forcing under glass as well as for growth in the open air. The skin is very smooth, and its bright color gives it an appetizing appearance on the table. Its flavor is excellent, and its quality high in all respects. Pkt., 5c; 1/4 lb., 20c; lb., 60c.

Early Scarlet Turnip, White Tipped One of the handsomest of the Turnip Radishes for early planting outdoors. Roots slightly flattened on the under side, color very deep scarlet with a white tip; flesh white and of the best quality. Pkt., 5c; 1/4 lb., 20c; lb., 50c.

Crimson Giant Radishes.

Crimson Giant A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; beautiful crimson-carmine; turnip-shaped; flesh firm, crisp and tender. We recommend it for outdoor garden planting as well as for greenhouse forcing. Pkt., 5c; oz., 10c; 1/4 lb., 15c; lb., 40c.

(New) Round Scarlet China This new variety may be sown at intervals from spring until autumn. Matures in from six to seven weeks, and is much harder than most other varieties. Valuable as a winter Radish, as well as for summer. Its handsome round shape, rich scarlet color and pure white flesh commend it to all. Pkt., 5c; 1/4 lb., 25c; lb., 75c.

Golden Globe Second early, grows to a good size; stands the heat well; very popular with market gardeners, a beautiful golden yellow, crisp and tender. Pkt., 5c; 1/4 lb., 30c; lb., $1.00.

Half Long Deep Scarlet, or "Paris Beauty" This is a splendid strain of similar season to the Early Long Scarlet. Very popular. The Radishes are of slightly larger diameter and most brilliant scarlet coloring. Flesh purest white, crisp and juicy. Pkt., 5c; 1/4 lb., 15c; lb., 50c.

French Breakfast Color is a scarlet rose, shading to a waxy white at the tip; quick growth, mild and tender, good for forcing. Pkt., 5c; 1/4 lb., 20c; lb., 60c.

Felton's Model White Box (Forcing) It is of a handsome shape, very early and has but few leaves, thus making it of special value for growing in hotbeds or "boxes," and one-third more radishes can be grown in the same space than with most other sorts. It is of clear white color, solid, juicy and unsurpassed in flavor. Pkt., 5c; 1/4 lb., 15c; lb., 75c.
Radishes - Continued

Long Scarlet This is the standard extra early long scarlet market variety, short top, long scarlet roots; crisp, fine flavor. Pkt., 5c; ½ lb., 20c; lb., 60c.

White Icicle Radish It fully equals in crisp, tender flesh and mild flavor the popular White Vienna or Lady Finger, while it is as early as Long Scarlet Short Top. Planted in spring, the young radishes are ready for use in 2 to 5 days from sowing the seed, and their long, slender form and pure paper-white skin are most attractive when bunched for market. Pkt., 5c; ½ lb., 20c; lb., 60c.

Cincinnati Market ("Glass Radish.") A selected strain of the Long Scarlet, growing to slightly larger size, fully as early and darker in coloring. Pkt., 5c; ½ lb., 20c; lb., 60c.

Long Bright Scarlet, White Tipped This is the brightest and handiest of all the mentioned varieties, and is known for its early and tender flesh. Pkt., 5c; ½ lb., 20c; lb., 60c.

Improved Charter This color at top is crimson, running into pink at middle, and from thence downward is pure waxy white. It is of a very quick growth, and ready for use nearly as early as Long Scarlet. Exceedingly tender and crisp. Pkt., 5c; ½ lb., 20c; lb., 60c.

Pearl Forcing This variety is a cross between Wood's Early Frame and White Strasburg. The color is a pearl white, with a fine waxy appearance, very firm and solid. They will remain in good condition longer than any other extra early variety. Pkt., 5c; ½ lb., 20c; lb., 60c.

Long White Vienna, or Lady Finger This is the finest Long White Radish in cultivation; it is most beautiful in shape, white in color, both skin and flesh are pure snow-white, crisp, brittle, and of rapid growth. Highly recommended. Pkt., 5c; ½ lb., 20c; lb., 60c.

New White Strasburg A very new desirable summer variety, a favorite with our market gardeners; skin and flesh both white. It is excellent quality and a quick grower. Pkt., 5c; ½ lb., 20c; lb., 60c.

Perpetual White Summer This variety, introduced by us, has given splendid satisfaction to all who have tried it, is pure white, of uniform good quality, crisp and brittle, and they keep longer in a fit condition for the table than any variety we know of, hence their name. Perpetual White Summer. Can be sown any time of the year, and will always produce good radishes fit for market earlier than the Charter, and keep in perfect shape for marketing about four weeks, or longer.

White Chinese Radish. It They are pure white, of uniform good quality, crisp and brittle, and they keep longer in a fit condition for the table than any variety we know of, hence their name. Perpetual White Summer. Can be sown any time of the year, and will always produce good radishes fit for market earlier than the Charter, and keep in perfect shape for marketing about four weeks, or longer.

White Stuttgariat Quick growing and therefore very early. Of the largest size, and both flesh and skin are pure white, quality fine, firm and brittle, and can be pulled for use at any stage. Pkt., 5c; ½ lb., 20c; lb., 60c.

Winter Varieties

White Chinese New Celestial Long, stump-rooted Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition, mild in flavor, brittle, and never woody. Market size. Pkt., 5c; ½ lb., 20c; lb., 60c.

White Round Spanish Root large, often five inches in diameter, turnip-shaped, skin pure white, flesh white, crisp and not becoming pithy, very compact and highly flavored; an excellent sort for winter, as the roots keep a long time. Pkt., 5c; ½ lb., 20c; lb., 60c.

Improved Half-Long, Black Spanish Radish This new sort is intermediate in shape between the Old Round and Long Black Spanish; and much superior to either. Flesh mild, very sweet and crisp, never pithy, and is decidedly the best of all black radishes. If stored in damp sand in the cellar, they will keep all winter. Pkt., 5c; ½ lb., 20c; lb., 60c.

Round Black Spanish Pkt., 5c; ½ lb., 20c; lb., 60c.

Chinese Rose A splendid rose-colored variety that keeps during winter; tempting flavor and very crisp. Pkt., 5c; ½ lb., 20c; lb., 60c.

Long White Spanish This variety is of a snow-white color, similar to the White Strasburg in shape, but rather more stump-rooted. Pkt., 5c; ½ lb., 20c; lb., 60c.

Long Black Spanish Black skin, white flesh; very firm and solid, good keeper, grows large and large. Pkt., 5c; ½ lb., 20c; lb., 60c.

California Mammoth Was first introduced into this country by the Chinese in California. It is peculiarly pure white, about one foot long, and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter. Pkt., 5c; ½ lb., 20c; lb., 60c.
Salsify or Oyster Plant

1 oz. for 50 feet of drill. Requires a well enriched, mellow soil, which, previous to sowing the seeds, should be stirred to a depth of 18 inches. Sow early in the spring in drills 15 inches apart; cover the seeds with fine soil 1 1/2 inches in depth, and when the plants are strong enough thin out to 6 inches apart. As the leaves resemble grass, be careful they are not mistaken for it when weeding.

Large White Variety, with white roots 1 inch in diameter at shoulder and tapering to a length of 8 to 10 inches. Oz., $0.05; 1/4 lb., 40¢; lb., $1.50.

Mammoth Sandwich Island

A new and improved type, producing roots of nearly double the size and weight of the old varieties; mild and delicately flavored. Pkt., 5¢; 1/4 lb., 60¢; lb., $1.75.

Herbs

Pkt. Oz. 1/4 lb.
Anise ... $0.06 $0.15 $0.50
Basil ... .85 .15 .45
Summer Savory .06 .30 .90
Coriander ... .05 .10 .20
Dill, extra large .05 .15 .25
Lavender ... .10 .25 .85
Marjoram, sweet .10 .25 .75
Sage ... .10 .25 .75
Thyme ... .10 .25 .75

Rhubarb or Pie Plant

Sow in April or May, in drills 1 foot apart; when 3 or 4 inches high, thin out in rows 6 to 10 inches apart. Transplant the ensuing fall or spring in rich soil. Set out the roots 3 to 4 feet apart each way; the following spring it will be fit to use.

Linnaeus Pkt., 5¢; oz., 20¢; 1/4 lb., 40¢; lb., $1.25.

Victoria Very large, the finest cooking variety. Pkt., 5¢; oz., 20¢; 1/4 lb., 40¢; lb., $1.25.

Rhubarb Roots—See page 25.

Squash

1 oz. of bush sorts to 40 hills, of igs., seeded 15 hills. 2 lbs. of bush sorts to 40 acres of lgs., seeded 2 to 4 to acre. Squashes, like others vines, are partial to a light, dry rich soil. Plant the running varieties in hills 10 feet apart each way; thin out to three plants in a hill. Cultivate frequently until the vines commence running, after which do not work the soil deep. Use Paris Green to destroy bugs, as well as Cucumbers. Plant Bush Squashes in hills 5 feet apart each way; thin out to four plants in a hill.

Extra Early White Bush Squash. This is an improved strain of the Old White Bush. It sets fruit 10 days earlier, of a beautiful clear waxy white instead of the greenish white often seen. Very productive, and shows less ridge or scallop containing a larger amount of solid flesh. Pkt., 5¢; 1/4 lb., 35¢; lb., $1.00.

Summer Crookneck A beautiful bright yellow, bears all summer, and commands good prices. Very desirable for market and private use. Pkt., 5¢; 1/4 lb., 35¢; lb., 75¢.

Bush Fordhook Squash In this new true bush type the plants can be grown much more closely together. The fruits are rather shorter and thicker than those of the running type, and have a smaller seed cavity. Our Fordhook Squash is about a week later than the Early White Bush, but is much sweeter and better flavored. Stored in a dry place they will keep in good condition until the following June. Pkt., 5¢; 1/4 lb., 40¢; lb., $1.25.

Fall and Winter Varieties

Hubbard Well-known winter variety, with very hard firm shell, fine grain, sweet and rich flavor, and excellent for table use. A splendid keeper. Pkt., 5¢; 1/4 lb., 40¢; lb., $1.35.

Winter Crookneck Flesh red, of fine flavor and good keeper. Pkt., 5¢; 1/4 lb., 40¢; lb., 75¢.

Boston Marrow A fall and winter variety regarded very highly in the markets. Oval form, pointed, thin rind, fine grain; salmon-colored flesh, remarkably sweet and delicious. Keeps well in winter and will hold dry as a mealy potato. Pkt., 5¢; 1/4 lb., 50¢; lb., 75¢.

Sorrel

Large-Leaved French Pkt., 5¢; 1/4 lb., 40¢; lb., $1.25.
Spinach

1 oz. to 100 ft. of drill; 12 to 15 lbs. per acre.

One of the most staple vegetables of the American table, possessing highly valuable and health-giving qualities, easily grown, requiring but little attention and in sections where the soil is rich, very profitable crops are produced.

Select a rich piece of ground, the richer the better; and for late spring and early summer use, sow the seed during February, March and April in drills one foot to 20 inches apart, one-half to one inch deep. When the plants are well started thin out to 4 to 6 inches apart, or sow the seed thinly and allow all the plants to stand.

For winter and early spring use, sow either in drills or broadcast during August, September and October. A top dressing of Nitrate of Soda will make a vast improvement in the earliness, size and quality of the crop.

New Giant Market, or Mammoth Evergreen

Of recent introduction, producing plants of large size and vigorous growth. The leaves are of the Bloomsdale type, of remarkably fine texture and deepest green color, very hardy and slow to run to seed. Pkt., 5c; 1/4 lb., 15c; lb., 40c.

American Bloomsdale Curled Savoy

A very popular variety with market gardeners and truckers for fall sowing. Grows very large and in the opinion of some growers, superior to the imported strains. 1/4 lb., 10c; lb., 35c; 100 lbs., $3.00.

Imported Bloomsdale Curled Savoy

Also known as Leaved. It produces a crop extremely early and thrives best in the cooler seasons, as warm weather causes it to run to seed. For this reason early spring and late fall plantings are most profitable. We grow large quantities of this variety in Europe, in sections best suited for its perfect development, and our product is greatly respected and continuously used by the largest and most successful truckers. Pkt., 5c; 1/4 lb., 10c; lb., 35c; 100 lbs., $3.00.

Improved Curled Late Seeding

Excellent for late fall, spring planting, as it will stand longer than any other variety before running to seed. Has large, thick, fleshy leaves, produced abundantly. Pkt., 5c; 1/4 lb., 10c; lb., 35c.

Victoria

Midseason sort of low spreading habit, producing an abundance of very dark green leaves, slightly crumpled in the center. Late seeding and of excellent quality. Pkt., 5c; lb., 15c.

Nitrate of Soda

At an attractive price—See page 34.

Market Boxes and Bushel Baskets

In Large or Small Quantities.

Swiss Chard, or Spinach Beet

See page 8.
Tomato

1 oz. to 2,000 plants; 1/4 lb. per acre.

All our tomato seeds are grown from stocks, exclusively for seed purposes, by the original, experienced growers and experts. We are fully convinced of the merit of all new varieties before placing them in our catalog, and therefore strongly recommend our strains as being absolutely reliable.

For early, the seed should be sown in hotbeds during February or the first week in March, in drills 5 inches apart and half an inch deep. Later sowing may be made until the last of April. When the plants are large enough to handle, they should be set out 4 or 5 inches apart in another hotbed or cold frame, or removed into small pots, allowing a single plant to the pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, and shelter from the sun a few days until the plants are established. Cultivations may be wholly or partly as usual, but the last two or three workings should be very shallow or the crop may be badly injured, especially if the cultivator is run too near the plants.

Extra Early Varieties

Mann's Improved Advance This new acquisition supplies a long felt need for an extra early, large tomato of high quality, symmetrical shape, and a perfect tomato flavor. It is as early and hardy as Sparks' Earliana, producing a good crop of globular and distinctly smooth fruit. One of its chief characteristics is its freedom from acid, so commonly found in all other extra early sorts; its mild luscious flavor being equal to that of the highest quality main crop varieties. With Mann's Improved Advance the grower can produce a crop which will stand superior in appearance and quality, in competition with the other extra earlies and command the fancy prices of an early market. Trial packets, 25c and 50c.

Extra Early Advance This is a very suitable companion for the well-known Bonny Best, being fully 10 days earlier. The fruit grows in clusters of remarkable uniformity in size and shape. It is hardy and can be set out early, deep red, flesh very solid, and fine flavor. Pkt., 15c; oz., 50c; 1/4 lb., $1.75.

Sparks' Earliana This is an extremely early variety and produces large clusters of fair-sized fruits, which are very uniform in size and shape. It is hardy, and can be set out early. Color of flesh deep red, very solid and fine flavor. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., $3.00.

King of the Earlies A very productive and quite early variety, very similar to Sparks' Earliana; the vines are somewhat heavier and bear somewhat more plentiful, which furnish great protection for the fruit, and for this reason it has been favored by many growers. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., $3.50.

IXL Early Extra For description see King of the Earlies. Pkt., 10c; oz., 30c; 1/4 lb.; lb., $2.00.

Second Early and Main Crop Varieties

Bonny Best This new sort has already become a favorite among large growers and market. It is earlier than Chalk's Early Jewel, and within two or three days as early as Earliana. Very prolific, with liberal foliage to protect the fruit from the sun. The beautiful scarlet-red fruit is set in clusters of 5 or more. Its great characteristic is that it ripens with a blossoming of fruit nearly all at once, and ripens evenly all over the stem. Pkt., 10c; oz., 35c; 1/4 lb., $1.00; lb., $3.50.

Chalk's Early Jewel Very similar to the above and a highly productive and more solid, color bright scarlet and quality very best. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., $2.00.

John Baer A second early variety, maturing 10 days later than the King of the Earlies. Fruit is borne in clusters of red color, averaging 3 inches across and 2 inches from stem to blossom end. Pkt., 10c; oz., 30c; 1/4 lb., $1.00; lb., $3.00.

Wisdom Tomato Medium early, perfectly smooth, deep red and uniform. Pkt., 10c; oz., 30c; 1/4 lb., $1.25; lb., $4.50.

Livingston's Globe One of the main varieties grown by the leading Tomato growers in Florida. It is of beautiful globe shape, very deep through from blossom end to stem, which permits of a large number of slices being taken than with the flat fruited sorts. Among the very first to ripen, although of large size, very smooth, firm fleshed, few seeds, ripens evenly, color a beautiful glossy rose-touched purple. A good cropper and one of the best for greenhouse or first crop on stake or trellis. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., $2.00.

Coreless A very large, uniformly globe-shaped, bright scarlet, main crop or late tomato. Fruits very solid, almost entirely free from green core and with little or no depression at stem end, making the variety especially desirable for slicing, canning and shipping. Vines very vigorous, blight resistant and productive. Pkt., 10c; 1/4 lb., $1.00.

Livingston's Beauty A decided favorite for home market or shipping, being early, hardy, a strong grower, productive, large, always smooth, of perfect shape and excellent quality. Color is very glossy crimson, with a tinge of purple. Growth is free and 4 to 6 large fruits, retaining its large size until late in the season. Ripens early, and is entirely free from green core. Pkt., 10c; 1/4 lb., 90c; lb., $3.00.

Livingston's Early Perfection An improved variety with a red skin, produces large fruit until the close of the season, invariably smooth and of handsome blood-red color. Some canners prefer it to all others, especially those who can the tomatoes whole. It usually ripens 10 days ahead of Stone. Pkt., 10c; oz., 30c; 1/4 lb., 90c; lb., $2.00.
Tomato - Continued

Kelley’s Red The plants grow vigorously, and are very productive. The fruit is very large, slightly flatter and redder, with a firm texture, of excellent quality, and very rich flavor. No. Also produces a heavy crop of large, firm fruit. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

Matchless The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

Maryland Pride The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

Enormous The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

Greater Baltimore The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

Favorite, or Queen The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

New Stone This variety has attained great favor with canners and market gardeners because of its rich, bright color and its firm, solid fruit. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.50.

B. B. Tomato For description see New Stone. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.00.

Livingston’s Paragon A very large, firm, red, and solid variety. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.00.

Success The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.00.

Ponderosa The largest purple fruited Tomato in cultivation; very solid and of finest quality. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.00.

Buckeye State, or Duke of York One of the largest; fruits in immense clusters; solid and meaty. Color similar to Red Rock. Pkt., 10c; ¼ lb., $1.00; lb., $2.00.

Red Rock By close comparison of this new Tomato we find several strong points in its favor; extreme hardiness, size of fruit and productiveness. Compared with Livingston’s New Stone, they yield one-third more Tomatoes of a deeper red; in beauty of coloring and symmetry of form it is indeed without a peer. The fruit is very large, firm, red, and solid. The skin is shiny, and the flesh is very rich and firm. Pkt., 10c; oz., 35c; ¼ lb., 75c; lb., $2.00.

Preserving Tomatoes

Pear-Shaped Red Pkt., 10c; oz., 30c; ¼ lb., $1.00.

Pear-Shaped Yellow Pkt., 10c; oz., 30c; ¼ lb., $1.00.

Yellow Plum Pkt., 10c; oz., 30c; ¼ lb., $1.00.
Turnip

1 oz. to 150 ft. of drill; 1 lb. per acre.

Being primarily a cool weather vegetable, turnips thrive best when planted in early spring or in the fall. For spring crop sow the seed early in April, while for fall and winter use, plantings should be made from July to August. Sow in rows not less than 18 inches apart and one-half to three-quarters of an inch deep. A very popular method, however, is to broadcast the seed between rows of corn or in the cultivated orchard. Proper control of root maggots is effected by rotation of crops, the use of commercial fertilizers instead of manure or sewage, and application of Mag-o-tile or other carbonate acid emulsion.

Extra Early Purple Top Milan

This, with the White Milan, is the earliest of all turnips.90 days to top condition a long time. OZ. 10c; ¼ lb., 30c; ½ lb., $1.60.

Extra Early White Milan

Similar to above, except it is pure white. A favorite with stockmen. OZ. 10c; ¼ lb., 30c; ½ lb., $1.60.

White Early Flat Dutch

A standard variety, good size, pure white, small top, few leaves and very sweet. ½ lb., 15c; ¼ lb., 40c.

Purple Top Strap Leaf

The popular variety, either for family or market use, large size, white, purple a little ground, flesh fine grated. ½ lb., 15c; ¼ lb., 40c.

Yellow Globe Orange Jelly

One of the best for general crop; flesh firm and sweet, and capable of firmer flesh and therefore keep later into the spring. OZ. 10c; ¼ lb., 30c; ½ lb., $1.60.

Purple Top White Globe

Also known as Red Top White Globe. This excellent turnip is decidedly the most popular variety and more extensively grown than any other. The roots are globular, very handsome and of superior quality; either for table use or stock feeding purposes, it is a heavy producer, early, of rapid growth, and one of the best for winter storage. ¼ lb., 15c; ½ lb., 40c.

Cow Horn

Very heavy turner, a quick grower, best for stockmen. ¼ lb., 20c; ¼ lb., 50c.

Seven Top

20c; ½ lb., 30c.

This variety is principally planted in the South for the green tops which are produced very abundantly. ¼ lb.

Rutabagas or Swedes

Rutabagas require about four weeks longer to mature than ordinary varieties of turnips, but are more hardy, of firmer flesh and therefore keep later into the spring. They are for this reason more desirable for storage, while turnips are better adapted for the early market. Sow during July either in drills or broadcast.

Manns’ High Grade Fertilizer

When thinking of Fertilizer, Do Not overlook the High Value of Clover, Cow Peas, Soy Beans, Vetches, Etc., For Plowing Under as Green Manure.

Bone Meal (Extra Fine)

An excellent fertilizer especially recommended for lawns, rose bushes, grape vines, and deep rooted shrubbery, where it is desired to furnish the plants with a perfectly safe, slow acting but continuous supply of nourishment. Horticulturists and nurserymen use large quantities of our bone meal very successfully. 2 lbs., 15c; 1 lb., 60c; 50 lbs., $2.50; 100 lb. bar., $4.25. (Add transportation charges). Special price on large quantities.

Manns’ Vegetable and Flow Plant Foods

This class fertilizer can be supplied in a number of combinations, each having a guaranteed analysis which will prove most helpful to the crop for which it is intended. We shall be pleased to quote and suggest the proper analysis for the crops you are producing. Our volume of business in vegetable fertilizers is rapidly increasing because our customers have found our stock to be strictly first class, dependable, low priced, and productive of the best crops in competition with other brands. General Truck Grower (One of the most popular grades). lb., 8c; 100 lb. bag, $2.00.

Sheep Manure

One of the most popular fertilizers for lawns, garden crops and potted plants; of high analysis, thoroughly dried and pulverized, giving lasting results. For top dressing of lawn, use 1 ton per acre, applying in fall or early spring. For garden crops use 1 to 2 tons per acre, turning half the quantity under and top dressing the remainder. Clean to handle and very effective. 10 lb., 25c; 50 lb., $1.75; 100 lb. bag, $2.75. Special price in quantities.

Land Plaster

Useful as a medium for retaining moisture and the fluids and enamelements of manure with which it is often mixed. Often applied on sandy soils, which do not retain moisture readily. Also used for dipping potatoes after they have been kept out for seed, sealing the cuts as a protection and also supplying nourishment. Mixed with Paris Green proves very effective in destroying plant vermin. An excellent lawn dressing. 200 lb. bag, $2.25. Special price in quantities.

Nitrate of Soda

A fertilizer for all crops. It is highly soluble, quick in action and hastens the maturity of crops fully two weeks. Will not take the place of other fertilizer but supplies the growing crop with an abundance of nitrogen which greatly assists the plants to make use of other nourishment already in the soil. lb., 8c; 10 lbs., 60c; 100 lbs., $4.00. Special price on quantities. Add transportation charges.

Tobacco Dust

An insecticide and very efficient fertil-izer. See Insecticides.

Plant Tablets

A scientific, odorless renovator for potted plants. 10c and 25c sizes.
MANNS’ VEGETABLE PLANTS AND ROOTS

We are large producers of the following plants and can fill orders daily with fresh, strong, stocky plants grown on our trial grounds from the best strains of seed. Varieties not grown by ourselves are contracted for with the most reliable and trustworthy plant growers in this section, who, we know from experience, produce only the best plants. We shall be pleased to quote special prices on lots of 5,000 or more. If sold out of any variety ordered, we shall take the liberty to substitute a nearly similar kind unless otherwise instructed.

CABBAGE PLANTS. Frame-grown and transplanted. (Ready in March and April.)
- Early Jersey Wakefield. Pointed head.
- Charleston Large Wakefield. Pointed head.
- Copenhagen Market. Round head.
- Eureka First Early. Flat head.
- All Head, or New Early. Flat head.
Postpaid, per 100, 90c; 1,000, $6.00.

CABBAGE PLANTS. Field-grown, strong and stocky. (Ready May and June.)
- All Head Early. Flat head.
- Early Flat Dutch. Flat head.
- Volga. Larger round head.
- Early Summer. Flat head.
- Succession. Flat head.
- Improved Lupton. Flat head.
- Large Late Flat Dutch. Flat head.
- Imperial Drumhead Savoy. Flat head.
Postpaid, per 100, 75c; 1,000, $4.50.

CABBAGE PLANTS. For late planting. (Ready September and October.)
- Extra Early Jersey Wakefield. Pointed head.
- Charleston, or Large Wakefield. Pointed head.
- All Head, or New Early. Flat head.
Postpaid, per 100, 50c; 1,000, $3.00.

CAULIFLOWER PLANTS. (Ready in March, July and August.)
Postpaid, per 100, $1.50; 1,000, $12.00.

BORECOLE PLANTS. (Ready in May and June.)
- Hardy Winter.
- Dwarf Green Scotch.
Postpaid, per 100, 75c; 1,000, $4.50.

CELERIFLORA PLANTS. (Ready in July.)
- American Self-Blanching.
- Columbia.
- Giant Pascal.
- Winter Queen.
Postpaid, per 100, $1.10; 1,000, $6.00.

CELERIFLORA PLANTS. Grown from French seed.
- Golden Self-Blanching.
Per 100, $1.25; 1,000, $8.00.

EGG PLANTS. (Ready in May and June.)
- Mammoth Imp. Purple.
- New York Smooth Stem.
Postpaid, per doz., 25c; 100, $1.50. By express, 1,000, $10.00.

Let’s Talk about SUPERIOR VEGETABLE PLANTS

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- Imperial Drumhead Savoy. Flat head.
Postpaid, per 100, 75c; 1,000, $4.50.

CABBAGE PLANTS. For late planting. (Ready September and October.)
- Extra Early Jersey Wakefield. Pointed head.
- Charleston, or Large Wakefield. Pointed head.
- All Head, or New Early. Flat head.
Postpaid, per 100, 50c; 1,000, $3.00.

CAULIFLOWER PLANTS. (Ready in March, July and August.)
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Per 100, $1.25; 1,000, $8.00.

EGG PLANTS. (Ready in May and June.)
- Mammoth Imp. Purple.
- New York Smooth Stem.
Postpaid, per doz., 25c; 100, $1.50. By express, 1,000, $10.00.

LETTER PLANTS. (Ready in March, April, September and October.)
Postpaid, per 100, 50c. By express, 1,000, $3.50.

PEPPER PLANTS. (Ready in May and June.)
- Ruby Giant.
- Chinese Giant.
- Perfection.
Postpaid, per doz., 25c; 100, $1.50. By express, 1,000, $10.00.

PEPPER PLANTS.
- Ruby King.
- Bull Nose and Needle.
Postpaid, per doz., 25c. By express, 1,000, $3.50.

SWEET POTATO PLANTS. (Ready May and June.)
- Up Rivers.
- Big Stems.
- Yellow Jerseys.
Postpaid, per 100, $1.10. By express, 1,000, $8.00.

TOMATO PLANTS. Hotbed grown. (Ready in April and May.)
- King of the Earlies.
- I. X. L.
- Bonny Best and Ponderosa.
- Maryland Pride.
Postpaid, per doz., 20c; 100, 50c. By express, 1,000, $5.00.

TOMATO PLANTS. Field-grown plants. (Ready June and July.)
- Maryland Pride.
- Red Rock.
- New Stone.
- Greater Baltimore.
By express, per 100, 60c; 1,000, $4.00; 5,000, $15.00.

ASPARAGUS ROOTS. See page 2.

HORSERADISH PLANTS. (Ready till May.)
- Large Nuremberg.
Postpaid, per doz., 25c; 100, $1.25.

RHUBARB ROOTS. (Ready November till May.)
Postpaid, each, 15c; doz., $1.50; 100, $9.00.

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Strawberry Plants

We can supply fresh, strong, healthy plants of all the leading varieties in any quantity. Following is a partial list of the most popular sorts for planting in the vicinity of Baltimore.
- Lady Cornelle. Midseason.
- Gandy. Late, very productive.
- $1.50 per 100; $9.00 per 1,000. Postage or expressage extra.

Everbearing

PROGRESSIVE. Undoubtedly the best everbearing variety in cultivation, producing a large crop of high quality fruit the same year they are set out. The main crop ripens in the fall.
- $2.50 per 100, 1,000, $15.00. Postage or expressage extra.

Get Our Prices on Berry Boxes
Miscellaneous Farm Seeds

Our fair dealing and conservative methods have resulted in an enormous increase in the volume of our field seed business, and we are thoroughly convinced that high quality seed at a reasonable price will make many more pleased customers during this year.

Our experience in this line and our equipment protect you from the many losses which must result from the planting of inferior seed, which is expensive at any price. All seeds offered must strictly conform to our high standards, and purchasers may depend upon our best efforts to supply only seed which is fresh, pure and free from weeds.

Continual market fluctuations make it impossible to quote firm prices; changes are made almost daily. We shall therefore appreciate the opportunity to mail samples and quote the very latest price on any quantity.

When comparing quotations, consider both purity and germination.

CLOVERS

MEDIUM or COMMON RED. (Trifolium pratense.) The Clover Seed of Commerce, and the great import of cut and valuable of the Clover family for agricultural purposes. Sow 15 lbs. per acre. (Bushel 60 lbs.) 25c per lb.

SWEDISH RED. (Trifolium hybridum.) Hardest of all CLOVERS; perennial. On rich, moist soils it yields large quantities of hay or pastureage, as it forms a thick thatch. 25c lb. 50c bushels. White Clover. Esteemed highly by bee keepers. Lb., 20c.

MOROCCAN RED. (Trifolium pratense peregrine.) Valuable with other grasses for mixed hay; ripes about with Timothy. Being a rank grower, it is largely used for cover for a fertilizer. Lb., 25c.

WHITE DUTCH. (Trifolium repens.) Grows naturally in pastures in a great variety of soils and situations; indispensable in parks and lawns. Lb., 35c.

CRIMSON CLOVER. (Trifolium incarnatum.) Being an annual, it must be sown in July, August, and September of each year, which, the spring following, can be cut for sowing by April 20th; for ensilage, May 1st to 15th; for seed, about the 15th of June can be cut grown in corn, or any cultivated crop. Ten to fifteen pounds necessary to seed an acre. Cover with a light harrow. (60 lbs.) Lb., 12c.

ALFALFA or LUCERNE. (Medicago sativa.) This Clover claims to bear the palm as a forage plant, coming earliest in spring and remaining latest in fall. It delights in plenty of sun, being a veritable child of the sun; must be sown at the rate of from 10 to 25 pounds of seed per acre on well drained, well pulped deep soil after danger of freezing is over, and prefers sand or gravel sub-soil. Wet sub-soil is fatal to the plant. Roots 2 to 4 feet deep, and well established lasts for years. 2 to 3 crops a year can be cut. Not recommended for pasture. Lb., 25c.

BOKHARA. (Melilotus albus.) This slightly resembles Alfalfa in growth, but is much taller, with leafier and stemier stature. It frequently grows 5 to 6 feet in height and branches freely, with slender spikes of small, fragrant, white flowers, which afford an excellent food for bees. Lb., 12c; bushel (60 lbs.), $5.50.

JAPAN CLOVER. This makes most nutritious and desirable summer pasture. Grows well and spreads rapidly on poor lands, hillside and under the shade of trees. Lb., 35c; bushel of 25 lbs., $5.50.

Drought Resisting Grasses

PERENNIAL BRY GRASS. (Lolium perenne.) Very nutritious; a satisfactory hay for meadows, and may be planted for permanent pastured pasture, and grown as a rapid grower; most prominent grass in England. Sow 1 to 1½ bushels per acre. (Bushel 24 lbs.) Per bu., $2.50.

HERB TALL BENT. (Festuca pratense.) Thrives in all soil; excellent for permanent pastures; starts early; very productive. Sow 1 to 1½ bushels per acre. (Bushel 24 lbs.) Per bu., $2.50.

SHEEP S FESCUE. (Festuca ovina.) Grows naturally on light, dry, sandy soils and mountain pastures; considered quite valuable when mixed with other grasses for permanent early spring pasture. (about 12 lbs.)
Sudan Grass

Sudan, the greatest forage crop, should be grown on every farm, where either hay or pasture is desired. It is highly resistant to drought and stands very heavy grazing. Yields from 2 to 10 tons per acre, is superior to either Millet or Sorghum in feeding quality, and may be fed in unlimited quantities.

Sow 10 to 20 lbs. per acre, 1 to 1½ inches deep, the highest quality hay resulting from heavy seeding. Should be harvested just before the heads appear, in the same manner as other grasses. Cures quickly and matures so early as Millet, the first cutting being ready in about 6 to 8 weeks. Successive cuttings may be made every 30 to 45 days until frost. Highly recommended by the Government as being very nutritious and easily digestible. Being an annual, this must be seeded every year and therefore never becomes a pest. 6c per lb.; $5.00 per 100 lbs. Subject to change.

Kaffir Corn

The heads are greedily eaten by horses and cattle and make splendid food for poultry, fed either in the grain or ground and cooked. Excellent forage. Cultivate same as common corn, requiring four or five pounds per acre. Bushel, $1.75.

Dwarf Essex Rape

This plant is extensively grown for forage, especially for sheep, and for green manure. Prepare the ground as for turnips and sow in June or July in rows two and a half feet apart at the rate of two and a half pounds of seed per acre. Lb., 10c; bu., $2.50.

Sorghum or Cane

EARLY AMBER SORGHUM. Furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield two or three cuttings a year, stovering out thicker each time it is cut. It grows ten or twelve feet high. Sow at the rate of one peck per acre in drills three and a half to four feet apart. Peck, 75c; bu., $2.50.

EARLY ORANGE SORGHUM. This variety is similar in growth to Early Amber, but under fair conditions produces a heavier crop. It is better for stock feeding than the Amber. Per bushel, $2.50.

Buckwheat

JAPANESE. This variety yields very large. The kernels are larger than other sorts, but owing to its branching qualities it need not be sown so thickly. Peck, 50c; bushel about $1.75.

SILVER HULL. A superior variety in every way to the ordinary Buckwheat, which it has almost entirely superseeded. Peck, 50c; bushel about $1.75.

Oats

WHITE SPRING OATS. Our best resealed stock of these are Choice Northern grown, all heavy oats, which have been resealed by us. Bushel, 55c.

RUPT-PROOF OATS. A favorite spring variety in the South, particularly where the land is rich; produces enormous yield, and excellent for cutting for hay. Bushel, 45c.

Cow Peas

There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It has the power to extract costly nitrogen from the atmosphere and to store the same in the vines and roots, so that the land is enriched and its condition improved. From five to nine tons of green fodder per acre can be produced. For ensilage they are unsurpassed. When it is desired to turn the whole crop under, as a soil improver, it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of one and a half bushels per acre.

BLACK. Quick to mature; adapted for late planting in our Northern sections; vigorous grower and great yielder. Bushel, $3.00.

BLACK EYE. A prolific vine-growing variety of merit, seed often sold for table use. Peck, $1.00; bushel, $3.00.

WHIPPOORWILL. A favorite early bunch-growing variety. A prime favorite in the North and West on account of its early maturity and habit of growth. Price fluctuates.

Canada Field Peas

Sown in open weather during December, January, February and March, making large yields of most nutritious food, which can be used either green or cured for hay. It also makes a good green maturing crop to turn under, but not equal to Cow Peas. A light seeding of oats, rye or barley will increase the yield and help to support the vines when the crop comes to maturity. Ready for cutting in May and June, cures easily and makes splendid hay. Price, January 1st, peck, $1.10; bushel, $4.00.

Soy or Soja Beans

A Great Drought-Resisting Forage Crop, Producing Immense Quantities of Nutritious Food, Beside Being an Excellent Soil Improver.

The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs or cattle, both in the green and dry state. To plow under in the green state it is certainly one of the very best plants, next to Cow Peas. Subject to market fluctuations.

Sand or Winter Vetch

Sometimes called Hairy Vetch. The most valuable of all Vetches. It succeeds on nearly all soils and is especially recommended for poor lands, where it thrives and improves the soil wonderfully, as it is very rich in nitrogen. It belongs to the pea family, but the vines are more leafy and longer. It may be sown in the spring or in the fall, preferably with rye. It remains green all winter and is valuable for early pasturing, as well as a fertilizer. 60 pounds per acre. Per lb., 15c; per 100 lbs., $14.00.
MANN'S SUPERIOR FLOWER SEEDS

"Flowers blossom and fade rapidly; but the good they do during their short life's span cannot be measured by words." - Benj. Franklin.

Our constant aim is to supply our customers with the very best domestic and imported strains obtainable. We spare no expense in our efforts to maintain the highest standard of quality. Our list contains those varieties which are most popular because of their beauty, usefulness, and ease of cultivation.

Annuals are those which attain full growth, bloom and die the same year, and are raised from seed exclusively.

Biennials attain full growth, bloom and die the second year from the planting of seed.

Perennials produce plants the first year, which with a few exceptions do not flower until the second year from planting of seed, after which they bloom every year and last several years.

The class to which each variety belongs is indicated as follows: (A) for Annuals; (B) for Biennials; (P) for Perennials.

AGERATUM (A)
Splendid for bedding or pot culture, covered from June until frost with a mass of very attractive flowers of a tufted appearance. Very effective when contrasted with geraniums. Large-flowered White, large-flowered Blue or Mixed. Pkt., 10c; ½ oz., 25c.

ALYSSUM (A)
Sweet Alyssum, Little Gem. Very popular border flower, coming into bloom six weeks after planting seed and requiring the least attention of all flowers. Very erect and dwarf, its white flowers greatly enhancing the beauty of any bed or border. Height 4 inches. Pkt., 10c; ½ oz., 20c; oz., 50c.

AMARANTHUS (A)
Very useful in borders of tall plants, among shrubs, or in centers of large beds. One type has large feathery plumes or sprays of rich crimson coloring while the other is grown exclusively for the brilliant-colored leaves. CAUDATUS. (Love Lies Bleeding.) Plants of erect growth three to four feet high, producing numerous feather sprays of rich crimson color. Pkt., 25c; oz., 10c.

SALICIFOLIUS. (Willow-Leaved or Fountain Plant.) Grows two to three feet high, with long hanging flower heads and foliage of a deep purple coloring. Pkt., 10c; ½ oz., 50c.

SPLENDENS. (Rainbow Plant.) Beautiful variegated foliage with large crimson flower heads. Pkt., 10c; ½ oz., 25c.

TRICOLOR, (Joseph's Coat.) Similar to Splendens, having a single erect stalk of brilliantly-colored foliage. Pkt., 5c; ½ oz., 20c.

ANTIRRHINUM or Snapdragon (P)
This border and bedding plant of long blooming season is now one of the best perennials suitable for flowering as an annual. The long showy spikes of curiously-shaped tubular flowers with spreading lobes and finely marked throats are fragrant as well as brilliantly-colored. They are very desirable for cutting as the blooms are borne well above the dark glossy leaves and keep fresh for a long time.

For flowers the first season outdoors, sow seed very early under glass and transplant to open border as soon as the ground is warm and dry, in loose loamy soil in a sunny situation, setting one foot apart each way and giving them plenty of water; or sow the seed in August or September and cover the plants with a mulch on approach of cold weather. These fall-sown plants may be transplanted into pots and flowered, and in this case give them the same temperature and treatment as geraniums and carnations. Tender perennial, often treated as an annual or biennial, attains a growth of one and one-half to two feet high. Special mixtures of the very best delicate colors. Tall mixed, pkt., 5c; ½ oz., 20c; oz., 50c. Semi-dwarf mixed, pkt., 5c; ½ oz., 20c; oz., 50c. Separate colors, pkt., 10c; oz., $1.00.
Aquilegia or Columbine (P)

As a cut flower the long spurred Aquilegias are the daintiest of our outdoor grown flowers. Very hardy, blooming profusely early in the season and remaining in bloom for a considerable period. Pkt., 10c; % oz., 50c.

**Asters (A)**

Very popular because of their beauty and ease of culture. The varieties listed represent the finest Asters of the early, midseason and late types and will give a profusion of bloom from July to late October. Asters require good rich soil and during the growing period should be well supplied with water.

**QUEEN OF THE MARKET**, Branching habit, 1 ft. high, large flowers borne on long stems, blooming in July. Mixed colors, pkt., 5c and 10c; % oz., 10c; oz., 50c.

**GIANT COMET**. Very distinctive, the outer petals being broad, flat and reflexed, while the center of the flower has a feathery appearance. Follows Queen of the Market in season and grows 12 to 24 inches high. Deep scarlet, dark blue, light blue, delicate yellow, snow white, rose and mixed. Pkt., 10c; % oz., 50c; oz., $1.50.

**AMARYLLIS**. Mixture. Brilliant rose, salmon-rose, rosy-lilac. Pkt., 10c; % oz., 50c.

**VICTORIA**. Compact plants with very large and double flowers. Good for bedding or cutting. Free flowering. Mixed, pkt., 10c; % oz., 25c.

**CREGO**. Flowers of immense size, 4 to 5 inches in diameter borne on very long stems. Plants are of strong branching growth, 2 to 2½ feet high. Crego rose or Crego white. Pkt., 10c; % oz., 50c. Mixed, pkt., 10c; % oz., 25c.

**Bellis Perennis - Double Daisy (P)**

Favorite perennial producing their handsome double flowers in the spring. Rich soil and a cool situation suit them best. Extra double large flowered rose or white. Pkt., 10c; % oz., $1.50.

Improved Longfellows. Large flowered. Pkt., 10c; % oz., $3.00.

**Balsam or Lady Slipper (A)**

An easy growing annual of quick growth, producing numerous flowers resembling tiny roses. Splendid double mixed. Pkt., 5c and 10c; oz., 25c.

**Coreopsis - Calliopsis (A)**

Very handsome and showy plants with numerous flowers of brilliant colors excellent for bouquets. Thrive well in any soil. Pkt., 10c; % oz., 25c.

**Campanula-Canterbury Bells (B)**


**Candytuft (A)**

This hardy annual is universally known and its clusters of small flowers are very beautiful and useful for cutting and borders. EMPRESS. Large spikes of the purest white, erect growth. Pkt., 5c and 10c; oz., 25c.

**FINEST MIXTURE OF ALL COLORS.** Pkt., 5c and 10c; oz., 25c.
Coleus (P—Tender)
An attractive foliage plant for ornamental bedding. Finest hybrid mixture. Pkt. $2.50.

Cosmos (A)
One of the most satisfactory hardy annuals, flowering in late summer. Fine for cutting and swaths of color. Can be sown anywhere and transplanted. Grows 4 to 6 feet high. Mammoth large flowered. Pkt. 50c and 10c; ½ oz., 85c.

Dahlia (P Half Hardy) Roots, see page 47.
Seed should be planted very early indoors and the plants transplanted in May or June. Most of the plants will bloom the same year. The roots should be dug before freezing weather and stored in sand in a cool place.
GIANT FLOWERED. Choice mixed. Pkt. 35c; ½ oz., 80c.
EXTRA DOUBLE. Large flowered choice mixed. Pkt. 10c; ¼ oz., 70c.

Datura (A)
Large branching plants producing very large handsome, double or single, trumpet-shaped blossoms of exquisite fragrance. Excellent for late summer and autumn flowering. Mixed colors. Pkt. 10c; ½ oz., 50c.

Delphinium or Hardy Larkspur (P)
Splendid border perennial of vigorous growth, strikingly effective as a background for borders and for planting among shrubbery. The blooming season is very long and the beautiful irregular flowers are clustered on long spikes 2 to 3 feet high. Double and semi-double varieties mixed. Pkt. 10c; ½ oz., 70c.

Dianthus or Pinks (B)
These very beautiful and popular biennials flower freely the first year from seed and in most locations they are quite hardy and produce larger flowers the second year.
CHINENSIS. Extra double flowered in choicest mixtures. Pkt. 75c; ½ oz., 15c.
HEDDEWIGH. Fringed single, very large flowers. Pkt. 5c; ¼ oz., 25c.
HEILREWIG FLEEMARIUS. Double and semi-double mixed. Pkt. 10c; ¼ oz., 75c.
FLORIST'S PERPETUAL. Large clusters, fragrant, very useful for cut flowers. Double mixed. Pkt. 10c; ½ oz., 25c.

Digitalis or Foxglove (P)
Handsome and highly ornamental hardy perennial plant of stately growth, very effective among shrubbery; thriving best in half-shady places; Three feet high. Finest mixed. Pkt. 10c; ¼ oz., 40c.

Chrysanthemum—Bridal Robe.

CENTAUREA CYANUS or BACHELOR'S BUTTON or CORN FLOWER. Charmingly old-fashioned flowers, requiring little or no care and flowering within eight weeks from planting of seed. Free and uninterrupted in its flowering habit, reseeding itself year after year. Useful as a cut flower as well as a garden decoration. Double blue or double mixed. Pkt., 5c and 10c; ¼ oz., 15c.

CENTAUREA GYMNOCARPA or DUSTY MILLER. One foot foliage, dusky cut of silvery gray gray color, used for bedding. Pkt., 10c; ¼ oz., 15c.

CENTAUREA MOSCHATA or SWEET SULTAN. Beautiful, sweet-scented, artistic shaped flowers borne on long stems, when cut will last for several days. White. Pkt., 10c; ¼ oz., 25c.

Cineraria (P—Greenhouse)
Among the most ornamental plants that can be grown for pot-house or conservatory decoration, producing large heads of brilliant flowers in all shades of blue, purple and red. One of the most beautiful potted plants.
HYBRIDA. Extra large flowered, first quality mixture. Pkt., 5c; ¼ oz., 45c.
MARITIMA. Entirely different from the popular Cineraria, being most useful for bedding. Silver-leaved; also called Dusty Miller. Pkt., 5c; ¼ oz., 15c.

Clarkia (A)
Very pretty, profuse flowering annuals, much used for edging. They grow from nine to eighteen inches high, producing mostly red or white flowers. Useful for hanging baskets. Pkt., 5c; ¼ oz., 15c.
CLEMATIS. See page 47.
Gaillardia Grandiflora (P)  
A very showy flower easily raised from seed. Should be sown early to produce large plants which will bloom profusely the first year. Very beautiful in beds or borders and very useful for cutting. Extra fine mixed. Pkt., 10c; ½ oz., 25c.

Globe Amaranth - Gomphrena (A)  
Similar in type to Bachelor's Button but having flowers of perfect globe shape. Mixed colors. Pkt., 5c; ½ oz., 10c.

Helichrysum - Everlasting Flower (A)  
Also called Immortelles and Strawflowers. The Helichrysum is the most beautiful of all the everlastings. The plants grow from two to three feet high and are literally covered with fine, large, double flowers in a variety of brilliant colors. The blooms should be cut as soon as they are open, held in small bunches and dried slowly in a dark cool place, hanging the flowers downward to keep the stems straight.

MONSTROSUM. Double, first quality, mixed. Pkt., 5c and 10c; ½ oz., 15c; oz., 50c.

Heliotrope (P—Half Hardy)  
The delightful fragrance and duration of bloom of this flower makes it a garden favorite. Can be grown from seed as easily as Verbena, and should be started early so that large plants may be had for bedding out. The colors of the blossoms range from white through all shades of violet to the deepest purple.

NEW HYBRID. Large flowered mixed. Pkt., 10c; ½ oz., 50c.

Hesperis Matronalis - Sweet Rocket (P)  
Old-fashioned garden plants growing 2 to 3 ft. high, bearing spikes of white or purple flowers. Excellent for planting in a border or among shrubbery. Pkt., 5c; ½ oz., 15c; oz., 50c.

Hollyhock (P)  
Tall old-fashioned garden perennial of great beauty, very useful as a background to a flower garden. The large, richly colored blossoms are crowded around the strong flowering stalks. Seed planted in open ground in June or July will furnish blooms the following summer.

DOUBLE MIXED. Extra fine quality. Pkt., 10c; ½ oz., 35c.

SINGLE MIXED. Large, very artistic blooms. Pkt., 10c; oz., 35c.

Kochia - Summer Cypress (A)  
Quick growing hedge plant about two and one-half feet high. Very symmetrical and attractive, the bushes taking on a distinctive red tinge late in the summer; for this reason often called Mexican Fire Bush. Pkt., 5c; oz., 15c.

Larkspur (A)  
One of the best known of garden flowers and if planted in April will produce flowering plants by the first of July and continue to bloom until frost. IMPERIAL DOUBLE MIXED. Pkt., 10c; ½ oz., 35c. For Perennial Larkspur see Delphinium.

Lantana (P—Half Hardy)  
One of the most desirable greenhouse or bedding plants, constantly in bloom, somewhat resembling Verbenas; 2 to 3 feet. Mixed colors. Pkt., 5c; oz., 15c.

Lobelia (P)  
ERINUS COMPACTA. This charming variety forms compact bushes about 6 inches high and are covered with bloom throughout the season. Highly desirable for edging and garden decoration as well as for pot culture. They flower the first season from seed. Pkt., 10c; ½ oz., 50c.

Lupinus (A)  
Free-flowering, easily grown annuals with long graceful spikes of richly colored, pea-shaped flowers. Prefer a little shade. 2 feet high.

ANNUAL MIXED. All colors. Pkt., 5c; oz., 15c.

PERENNIAL MIXED. Blooms in May and June. 3 feet. Pkt., 10c; oz., 50c.

Lychnis (P)  
Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early. Very popular by reason of their beauty and ease of culture. Also called Alpine Cross, Jerusalem Cross, Lamp Flower and Burning Star. 1 foot high.

CHALCEDONICA. Scarlet or white. Pkt., 10c; ½ oz., 50c.

HAEGANA HYBRIDA. Brilliant colors mixed. Pkt., 10c; ½ oz., 50c.

VISCARIA SPLENDENS (Ragged Robin). Bright rose-red, very showy. Pkt., 5c; ½ oz., 15c.
Marigold (A)

The African and French Marigolds are old favorite free-flowering annuals of easy culture, extremely effective and well adapted for large beds. Thrive best in a light soil fully exposed to the sun. The flowers of the French type are smaller than the African but are marked and spotted with varied shades of red and orange. The African are very large, double and in solid colors.

AFRICAN, Double, extra mixed, first quality. Pkt., 3c; ½ oz., 25c.

Dwarf double mixed. Pkt., 5c; ¼ oz., 30c.

FRENCH. Dwarf double mixed. Pkt., 5c; ¼ oz., 30c.

Marvel of Peru - Four O’Clock (A)

Large showy fragrant flowers, blooming the entire season. Succeed well in any ordinary garden soil in a sunny location. Mixed. Pkt., 3c; oz., 20c.

Mesembryanthemum (A)

CRYSILLINIUM or ICE PLANT. Dwarf trailing annual plants. Flowers white, prized for its distinctive icy foliage. Pkt., 5c; ½ oz., 25c.

Mignonette (A)

Well known fragrant bedding or potting plant. Sowings made in April and again in July will result in a succession of bloom from early summer until frost.

STANDARD. Large flowering, sweet scented. Pkt., 6c; ½ oz., 15c.

MACHET GIANT. Large spikes, very fragrant. Pkt., 10c; ¼ oz., 25c.

Mimulus (P—Half Hardy)

Showy, profuse flowering plants, fine for greenhouse or moist shady situations. Blooming the first year from seed if sown early; 1 foot high. Often used for hanging baskets or window boxes.

MOSCHATUS, or MUSK PLANT. Fragrant foliage. Seed extremely small. Pkt., 10c; ¼ oz., 25c.

Myosotis

Forget-Me-Not (P)

These dainty and greatly admired spring flowers are especially effective when grown in masses. They are hardy if given slight protection through the winter.

ALPESTRIS. Blue; 8 inches; flowering in April. Pkt., 10c; ½ oz., 25c.

PALUSUS. Blue, everblooming; flowers from May until frost.

Nasturtium (A)

TOM THUMB. The very popular dwarf or bedding variety, producing very showy large flowers. Our mixture contains all the newest hybrids as well as the distinct old varieties, all in the very best proportion to assure a marvelous display of colors ranging from cream-white to the very darkest red. Pkt., 5c; oz., 10c.

SPENCER. Choice mixed, very brilliant, in all shades of yellow, red and purple. Pkt., 5c; oz., 15c.

For Tall or Climbing Nasturtiums see Vines.

Nicotiana (A)

AFFINIS. Gives a continuous display of flowers through the summer and autumn; plant 2 to 3 feet high. The blooms are white, sweet scented and measure 3 inches in diameter. Pkt., 5c; ½ oz., 10c.

Nigella or Love-In-a-Mist (A)

Free-flowering plant, 1 foot high, producing curious flowers surrounded by the finely cut foliage. Easily grown and very useful for cutting.

DOUBLE BLUE. Pkt., 5c; ½ oz., 10c.

Pansies (B)

These very popular and beautiful flowers may be sown in April or May for summer flowering or in August for early spring blooming. They thrive best in an open exposure and should be watered freely in dry weather. The following are unsurpassed for beauty of form and color.

BIGNOT’S GIANT. Flowers of enormous size, nearly circular in form and in a great variety of the most rare and handsome colors. Each petal has a distinct deeply-colored blotch. Pkt., 10c; ½ oz., 1.00.

TRIMARDEAU GIANT. Plants of strong robust growth, producing very large, beautifully colored blooms. Fine mixture. Pkt., 10c; ½ oz., 60c.

AINDORIS. Splendid Trimaradue variety; bright blue with white center. Pkt., 10c; ½ oz., 75c.

LORD BEACONSFIELD. Deep purple violet, shading to white; giant Trimaradue sort. Pkt., 10c; ½ oz., 1.00.

FAIR QUEEN. Bright blue, white margined, very beautiful. Pkt., 10c; ½ oz., 75c.

GOLDEN YELLOW, PURPLE STAINED. Very effective in pots or beds; large well formed blooms. Pkt., 10c.

MANN’S LARGE PARISIAN MIXED. Very large and containing a wide range of very fancy colors. Vigorous growth, the best sort for florists. Pkt., 10c; ½ oz., 75c.
Petunias (A)  
Very popular because of their free-flowing habit and ease of culture; succeeding in almost any soil and giving a mass of blooms from June until frost. Beautiful in beds and borders, growing 1 to 1 1/2 feet high. Our mixtures contain the best colors obtainable and are of the highest quality.

HYBRID. Choice mixture, first quality. Pkt., 10c; 1/4 oz., 50c.

HARDY. Finest striped colors mixed. Pkt., 10c; 1/4 oz., 50c.

NANA COMPACTA. Of dwarf habit, excellent for bedding. Pkt., 10c; 1/4 oz., 80c.

Phlox (A and P)  
Phlox makes a magnificent show in beds and masses where their brilliant and varied colors produce a gorgeous effect. Very easily raised and afford a bright display of flowers all through the summer.

DRUMMONDI. Choice mixture, first quality. Pkt., 10c; 1/4 oz., 25c.

STAR PHLOX (Cespitata). With star-shaped flowers, dwarf growth. Pkt., 10c; 1/4 oz., 75c.

FIMBRIATA. Fringed flowers of beautiful form and color. Pkt., 10c; 1/4 oz., 75c.

LARGE FLOWERING DWARF VARIETIES

DEFIANCE. Deep scarlet, very compact, free-flowering. Pkt., 10c; 1/4 oz., 50c.

DWARF MIXED. Selected colors, compact habit of growth, very effective in beds or borders. Pkt., 10c; 1/4 oz., $1.25.

HARDY PERENNIAL PHLOX

DECUSATA. Quite distinct from the above mentioned annual varieties, being very hardy and producing large heads of beautifully colored flowers, blooming in August and September.

Poppies (A and P)  
Annual poppies should be planted as early in the spring as possible in their permanent places as they will not stand transplanting. The Perennial or Oriental varieties should be sown thinly in the spring and the plants transplanted in September. They are extremely hardy and when once established will remain for years, producing immense single flowers 4 inches in diameter.

TULIP POPPY. One of the most brilliant annuals, the flowers are 3 inches in diameter and of a brilliant scarlet color, greatly resembling Tulips. Pkt., 10c; 1/4 oz., 75c.

THE SHIRLEY. Special strain mixed; fine for bedding or cutting; single annual. Pkt., 10c; 1/4 oz., 10c.

CARNATION FLOWERED. Splendid double fringed flowers; annual. Pkt., 5c; oz., 15c.

PENNY FLOWERED. Tall growing annual, very double; mixed colors. Pkt., 5c; oz., 15c.

DWARF PR rotY FLOWERed. Dwarf annual very useful for bedding. Pkt., 5c; oz., 15c.

Salvia Splendens or Scarlet Sage (A)  
Very popular bedding plant, extensively used for lawn and conservatory decoration, bearing long spikes of brilliant flowers from July to frost. It is preferable to start the plants indoors very early in the spring and transplant to the beds when the weather has become warm and settled; also planted in the open ground in May with very favorable results. Pkt., 10c; 1/4 oz., 50c.

Scabiosa or Mourning Bride (A)  
Fine free-flowering plants for mixed borders and highly esteemed for cut flowers. The blooms are borne on long erect stems in globular heads in colors ranging from white to dark maroon. Height 2 to 3 1/2 ft. Pkt., 10c; 1/4 oz., 40c.
Sweet Peas

One ounce for 50 feet of row.

THE GRANDIFLORA type, owing to its vigor of growth, its freedom of blooming and extremely wide range of colors is well suited for most conditions and locations. THH SPENCER, one of exceptionally large size, the petals waved and frilled and the general effect remarkably graceful and effective. The plants are of vigorous growth and remain in bloom for a longer time than the Grandiflora sorts.

CULTURE. Early in the spring make a trench three to four inches deep in rich, mellow soil, so arranged that no water can stand in it and plant the seed in the bottom, two inches high, cultivate and as they grow, gradually fill high they should be supported by poultry netting, strings twice a week early in the morning or in the evening. The plants will soon stop flowering. The following have been the highest quality in their respective classes.

GRANDIFLORA VARIETIES.

WHITE.

DOROTHY ECKFORD. Considered the best white of this class, of good substance, shell-shaped and pure white.

PRIMA DONNA. The most popular clear soft pink, producing flowers of good size.

PRIMROSE.

HON. MRS. E. KENYON. Clear primrose, large semi-hooded flower, white seeded.

ORANGE PINK.

MISS WILLMOTT. A fine orange pink, showing veins of deeper tint. Flowers semi-hooded, good size, on long stems, plant very vigorous.

RED.

AMERICA. Carmine striped and splashed on white, producing large flowers of open form.

KING EDWARD VII. A bright crimson scarlet or pure red of largest grandiflora size; open form.

DEEP MAROON.

BLACK KNIGHT. A glossy deep maroon, producing medium sized flowers of open form.

OTHELLO. A very dark maroon with almost black veining. Large size, hooded form, very attractive.

BLUE.

FLORA NORTON. The flowers are of medium size, hooded form and a beautiful light clear blue in color.

HELEN PIECE. Finely mottled light blue and white with ivory-white veils, semi-hooded form.

PURPLE.

MRS. WALTER WRIGHT. A large rose purple, shell-shaped, self colored, beautiful in form and color.

LAVENDER.

LADY GRISEL HAMILTON. A large soft lavender, tinted mauve; one of the best.

Prices: Pkt., 5c and 10c; oz., 15c; ½ lb., 40c; lb., $1.25.

SPENCER VARIETIES.

WHITE.

WHITE SPENCER. Standard and wings of pure white, beautifully waved and frilled. An especially attractive variety of very large size; seed white.

PINK.

COUNTLESS SPENCER. Light clear pink, sometimes darker near the edges; very large open form; long stems. The first varieties of the Spencer type introduced and still considered one of the best.

PRINCESS VICTORIA. A beautiful shade of deep bluish pink, possessing wonderful flowering qualities.

ORANGE AND SALMON PINK.

HELEN LEWIS, RESELECTED. A rich crimson-orange, with wings of orange, rose, or orange-salmon-pink. Large fine Spencer form.

CREAM.

MARGARET ATLEE. Most beautiful deep cream pink, perfectly suffused with a rich glowing pink. The flowers are of largest size, beautifully frilled or waved; many are double.

DOBBIE'S CREAM. A strong growing, profuse blooming variety, with large, much waved flowers, often double.

RED.

KING EDWARD SPENCER. Brilliant crimson-scarlet; very large size and of open form.

THOMAS STEVENSON. Bright orange-scarlet, of large size, the standard showing more orange than the wings. Vigorous and free flowering.

DEEP MAROON.

OTHELLO SPENCER. The most reliable Spencer maroon, of a beautiful, deep shade and very large.

BLUE.

FLORA NORTON SPENCER. Bright blue, with a tint of purple.

WEDGWOOD. Bright silvery blue. Large well waved flowers on long stems. An attractive and very desirable shade.

PURPLE.

ROYAL PURPLE. Rich Royal purple; the best purple yet introduced; vigorous growth.

LAVENDER.

ASTA OHN. Large, wavy and of true Spencer form and size. Sulfused lavender and tinted sometimes with pink.

MASTERPIECE. Lavender tinted mauve; the large wavy blooms are not surpassed in beauty.

Prices: Pkt., 10c; oz., 40c; ½ lb., $1.00; lb., $5.00.

Sweet Pea Mixtures

Our Sweet Pea Mixtures are combined of carefully considered proportions of all the named varieties in our list, which have proven themselves to be the very choicest of their respective types and colors. These mixtures cannot be equaled in their beauty and flowering qualities.

MANN'S GRANDIFLORA SUPERIOR MIXTURE. Pkt., 5c and 10c; oz., 15c; ½ lb., 40c; lb., $1.00.

MANN'S SUPERB SPENCER MIXTURE. Pkt., 10c; oz., 40c; ½ lb., $1.00; lb., $5.00.
Sweet William - Dianthus Barbatus (P)

A universally admired perennial flower, which, when once started, will last for years. Free-flowering and attractive, producing a splendid effect in beds and borders. It is preferable to sow the seed very early in the spring every year, and have vigorous young plants coming into bloom the same season. They may be sown, however, in August to bloom the following spring. Very satisfactory results are also obtained by dividing the roots of old plants. Single Mixed. All shades of white, pink and red. Pkt., 10¢; 1/4 oz., 15¢. Double Mixed. Very fine; all colors. Pkt., 10¢; 1/4 oz., 2¢.

Verbena (A)

One of the finest bedding plants and also suitable for borders, with its heads of brilliantly colored flowers, producing one mass of bloom throughout the summer. Seeds may be planted as soon as the ground can be worked or sown indoors and transplanted to the beds in April or May. They succeed in almost any good garden soil. Defiance. Deep scarlet, large attractive blooms. Pkt., 10¢; 1/4 oz., 60¢.

Violas or Tufted Pansies (P)

Well known, free-flowering hardy perennials, easily grown from seed. While the flowers are not so large as the regular type of Pansies, the blooms are produced in such abundance and the flowering season so much longer that they are superior to Pansies for some purposes. Seed sown in April produces flowers in beds or pots in 1½-2½ ft. high. Purple Queen. Clear distinct blue. Pkt., 10¢; 1/4 oz., 60¢.

Violet - Odorata (P)

This beautiful, sweet-scented hardy perennial can be easily grown from seed, thriving best in a partially shaded, moist situation. Pkt., 10¢; 1/4 oz., 3¢. 25¢.

Wallflower (P)

These deliciously fragrant, half-hardy perennials should be better known. Their beautiful spikes of double flowers in their rich Oriental shades of red, yellow and purple are very effective in beds or pots in 1½-2½ ft. high. Giant Goliath. The earliest and best single variety; large flowers, extra dark blood red. Pkt., 10¢; 1/4 oz., 40¢.

Zinnias (A)

Increasingly popular annuals, producing a brilliant show of lasting flowers, blooming profusely until frost. Dahlia-Flowered Giant Mixed. This new strain is very vigorous, the flowers resembling Decorative Dahlias, averaging 6 inches in diameter, produced on 3 ft. plants. All colors. Pkt., 10¢; 1/4 oz., 25¢. Double Golden Yellow. Pkt., 5¢ and 10¢; 1/4 oz., 25¢.
Bulbs and Roots for Spring Planting

New Giant Orchid Flowered Cannas

CITY OF PORTLAND. 3½ ft. pink. Flowers of largest size borne on heavy trusses. A glowing shade of pink. The foliage is substantial and strong, of rich green color and free from defects. 10c each; $1.00 per dozen.

MRS. ALFRED F. CONRAD. 4 feet. The grandest salmon pink in existence. Magnificent heads of perfectly formed flowers of great size and wonderful substance. 10c each; $1.00 per dozen.

AUSTRIA. 4½ feet. Pure canary yellow with crimson spots in the center of the two inside petals. 5c each; 50c per doz.

FLORENCE VAUGHAN. 4 feet. Flowers of golden yellow, thinly dotted crimson. 5c each; 50c per doz.

GOLDEN GATE. 4 feet. The flowers open almost pure gold but soon become richly rayed with orange crimson and apricot centering to the throat. 5c each; 50c per doz.

YELLOW KING HUMBERT. 4 feet. Like King Humbert in habit of growth and flowering, and produces golden yellow flowers blotched red, 8c each; 80c per doz.

MADAM CROZY. 3½ feet. Flowers brilliant vermilion scarlet, with narrow edge of bright golden yellow. 5c each; 50c per doz.

EUREKA. 4 feet. The best white Cannas for all purposes. The large substantial flowers are very freely produced on strong, vigorous plants. 8c each; 80c per doz.

CHAS. HENDERSON. 4 feet. Brilliant crimson scarlet with flame yellow throat. 5c each; 50c per doz.

THE PRESIDENT. 4 feet. This Cannas is superior to any other red variety in the quality of bloom. Color rich glowing scarlet and immense firm flowers are produced on strong erect stalks well above the large, rich green foliage. The foliage is entirely free from disease. 15c each; $1.50 per doz.

KING HUMBERT. 4 feet. This is the grandest cane ever offered. The large heart-shaped leaves are purple brown over bronze. The plants are crowned with immense heads of orchid-like, velvety orange scarlet, rose-tinted, and marbled at the base. A combination of leaf and blossom incomparably beautiful. 8c each; 80c per doz.

HUMBLED CANNAS.

Fresh daily in all leading varieties. 2 for 25c; $1.25 per doz.

Gladiolus

(See illustration 2nd cover page.)

AMERICA. Beautiful soft flesh pink; one of the best for cutting or bedding. 5c each; 50c per doz.; $3.00 per 100.

AUGUSTA. Pure white, with blue anther; lovely and very useful. 7c each; 70c per doz.; $4.50 per 100.

BARON J. HULOT. Rich royal violet blue; full round flower. 15c each; $1.25 per doz.; $2.00 per 100.

CHICAGO WHITE. White, with lavender marking in throat. 7c each; 70c per doz.; $4.50 per 100.

HALLEY. Delicate salmon pink, very effective. 7c each; 70c per doz.; $4.50 per 100.

MRS. FRANCIS KING. Brilliant vermilion scarlet, very popular. 8c each; 80c per doz.; $4.50 per 100.

NIAGARA. Delightful cream yellow, splashed with carmine. 7c each; 70c per doz.; $4.50 per 100.

PANAMA. Rich salmon pink, one of the best. 7c each; 70c per doz.; $4.50 per 100.

PEACE. Grand large white flower, with pale violet fanning on lower petals. 7c each; 70c per doz.; $4.50 per 100.

PINK BEAUTY. Fine dark rose, with violet blotch, very early. 7c each; 70c per doz.; $4.50 per 100.

FINEST MIXED.

Large size bulbs of all the leading varieties, selected to give the most harmonious color scheme of all the most desirable sorts. 4c each; 35c per doz.; $2.50 per 100.

CALADIUM ESCULENTUM or ELEPHANTS EAR.

These are very effective either as single plants on the lawn, in beds, or along the edges of a pond or stream. The leaves often attain a length of 36 inches. Bulbs can be kept over winter and used year after year by storing them in dry sand. Large bulbs, 3 to 4 inches in diameter. 15c each; $1.00 per doz. Add postage.

EXCELSIOR PEARL TUBEROSE.

One of the most fragrant and most popular of the summer flowering bulbs. May be started early in hotbeds or pots, or planted in open ground after the first of May. Extra large size bulbs, 5c each; 50c per doz.; $3.50 per 100. Medium size, 30c per doz.; $2.25 per 100.

TUBEROUS ROOTED BEGONIA.

Excellent for bedding and well adapted to window or conservatory culture, thrives best in partial shade. Single or double mixed, 10c each; $1.00 per doz.

HARDY PHLOX.

These perennialss are very useful and beautiful in borders and for cutting. They succeed in almost any soil enriched with manure and should be watered freely in dry weather. Strong roots, separate colors, 25c each; $2.50 per doz.

PEONY.

This old-fashioned flower is still considered the Queen of spring flowers. They are perfectly hardy, requiring no protection and once planted increase in beauty each year. All leading varieties, 2 to 5 each, 30c to 50c each.
Dahlias

The following list includes the most popular named varieties of each type, in a wide range of colors. Every effort is made to supply our friends with these varieties which have proven to be of most value as garden and cut flower sorts.

Prices quoted are for large field grown dormant roots; or strong pot grown plants, which many experienced growers prefer. We can usually fill the earlier orders with either roots or plants as preferred but it often happens that all of our roots of certain varieties must be started early to take care of our plant trade. This leaves us with a shortage of roots while plants are still available.

Unless instructed to the contrary, we shall take the liberty to substitute plants instead of roots if necessary. Place your order for Dahlias early and avoid disappointment when the time for planting arrives.

FANCY CACTUS DAHLIAS.

This splendid type is considered by some to be the most beautiful of all. The colors are very distinctive and many are variegated in unsurpassed tints. The petals are long and pointed, some twisted.

COUNTESS OF LONSDALE. Rich salmon orange, suffused lavender, 25c each; $1.50 per doz.

FLORA. Large, handsome, pure white, 15c each; $1.50 per doz.

STANDARD BEARER. Rich fiery red, 15c each; $1.50 per doz.

GOLDEN GATE. Bright golden yellow; truly a colossal cactus; flowers often measure 9 inches in diameter, fall to the center. A first class dahlia in every respect. 30c each; $3.00 per doz.

CRYSTAL. A tender silvery pink, shading to ivory white in the center. Flowers large and fine in form, having long, twisted incurved petals. 25c each; $2.50 per doz.

KALIF. Pure scarlet, truly majestic. Colossal in size, often measuring 8 to 9 inches in diameter, perfect cactus form. 30c each; $5.00 per doz.

DECORATIVE DAHLIAS.

The decorative dahlias are an intermediate form between the cactus and show types, having petals which are broad and flat, and sometimes twisted and curved almost resembling chrysanthemums. Preferred by florists for use as cut flowers.

DELICE. Beautiful glowing rose pink, good stems. Fine for cutting. 25c each; $2.50 per doz.

DOLORES PEACOCK. The best shell pink, 25c each; $2.50 per doz.

GOLDEN WEST. The most beautiful yellow, good stems. 25c each; $1.50 per doz.

HENRY PATRICK. Large pure white, 15c each; $1.50 per doz.

FRANK L. BASSETT. Bright rose purple. 15c each; $1.50 per doz.

OREGON BEAUTY. An intense oriental red, with golden sheen and garnet suffusion, producing large flowers on long stems. 30c each; $3.00 per doz.

PEONY-FLOWERED DAHLIAS.

The flowers of this type are semi-double, the petals being twisted and curled, somewhat resembling the semi-double peony.

MRS. CHAS. L. SEYBOLD. Distinct bright crimson pink, each petal tipped with white. Strikingly beautiful. 15c each; $1.50 per doz.

PRAIRIE FIRE. Rich scarlet, 25c each; $2.50 per doz.

QUEEN EMMA. Distinct rose, 15c each; $1.50 per doz.

QUEEN WILLIAMINA. Fine pure white. 15c each; $1.50 per doz.

Cinnamon Vine.

Hardy climber, small white flowers. Strong tubers, 10c each.

Madeira Vine.

Rapid growing climber. 8c each, 10c each.

Hardy Clematis.

One of the most beautiful hardy climbers; of strong rapid growth producing a profusion of deliciously fragrant flowers. 25c, 25c, and 35c each.
ANTICIDE.
A remedy against ants in lawns. In powder form applied at rate of 1 lb. to 200 sq. ft. It is impossible to have a good lawn where ants are at work cutting off the rootslets of the grass. 1 lb., 50 cts.; 25 lbs., $1.25; 25 lbs., $5.00.

ARBO.
A combined remedy for insects and fungus serving two purposes: Insect Spraying, Excellent for potatoes. Sticks like glue, 1 lb., 40 cts.; 2 lb. tin., $1.50; 25 lbs., $5.00.

CORONA DRY.
The Best Arsenate of Lead.
(Powdered Form.) For destroying leaf-eating insects, not harmful to the foliage, greatly adhesive. Powdered arsenic is of less economical than other forms. 1 lb., 50 cts.; 5 lbs., $2.50; 10 lbs., $4.75.

BLACK LEAF 40.
A high-priced concentrated solution of Nicotine Sulphate, easily soluble in cold water. It is highly recommended by Experiment Stations. Spray- ing extracts, for use against aphids and other sucking insects. Full directions on each package. 1 lb., $1.25; 2 lb. tin., $2.75; 10 lbs., $15.50.

BORDEAUX
Arsenate of Lead Mixture.
A fungicide in dry or past form, used extensively for controlling many fungus growths, blights, etc. May be either sprinkled over young plants, or applied as a spray. 1 lb., $1.75; 50 lbs., $7.25; 100 lbs., $13.50. Paste, 1 qt., 40 cts.; 1 gal., $1.25; 5 gal., $5.25.

BUG DEATH.
The popular non-poisonous insecticide and caterpillar killer, and therefore be used safely and very effectively on Cabbage, Tomatoes, Celery, Lettuce, Berries, Rose Plants, Squash, Melons, Cucumber, Pea Plants, etc. Highly recommended for Potatoes. Can be used at any time in hot or cold weather. 1 lb., $1.50; 5 lbs., $9.00; 10 lbs., $16.00.

CUT WORM KILLER.
A sure remedy against cut worms, which is non-poisonous to birds or others. Order Sterlingworth Cut Worm Killer when you buy your seeds and have it ready for use in emergency. One pound is sufficient for 175 plants in 100 feet of drill. 1 lb., 30 cts.; 5 lbs., $1.25; 25 lbs., $5.98; 100 lbs., $16.00.

FORMALDEHYDE.
Extensively used in the preparation of potatoes for seed, as a preventive against potato scab and to destroy other germs on the seed. Will also control some forms of vegetable smut. For potatoes a solution of 1 pt. to 15 or 20 gallons of water is made and the cut seed is immersed 2 or 3 hours. Two or two and a half gallons of this will be sufficient for 1 bushel of seed. Pt., 75c.

A readily digestible, light weight powder fungicide, very efficient in destroying mildew and preventing blights. 5 lbs., 60c.

NICO-FUME.
This is the strongest tobacco paper on the market. Does not injure blooms and furnishes the exact amount of fumigation ever desired. Tin box of 24 sheets, $1.35; 144 sheets, $6.00; 288 sheets, $11.00.

NICO-FUME LIQUID.
Very powerful tobacco extract. Soluble in water. Guaranteed 40% nicotine. 1 lb. lb., 3c.; 1 lb. tin., 23c.; 4 lbs., 85c.

NIKOTENE.
An economical and powerful nicotine extract. Effective remedy against aphids and fly insects. 1/2 lb. &c; 1 lb., $1.58; 4 lbs., $8.00.

PARIS GREEN.
A poisonous, insoluble powder similar to lime sulfur. Effective for controlling many kinds of fungus and sucking insects. 1/2 lb. 21c; 1 lb., 40c.
Special price on larger quantities.

PYROX.
Kills Insects—Prevents Fungus and Disease.
1 lb. Jars, 40c; 5 lb. Drums, 2.60; 10 lb. Drums, 5.25; 25 lb. Drums, 10.00; 100 lb. Drums, 18.85.

SULPHUR.
(Flour.) Extra fine; for dusting purposes. 1 lb. 10c; 10 lb. 75c; 25 lb. $1.50; 50 lb. $2.25; 100 lb. 40c.

TOBACCO DUST.
Excellent insecticide and fertilizer combined, extensively used against, black and green aphids, flies, beetles, striped bugs, etc., on currants, egg plants, melons, turnips, beets, etc.; canker worms and caterpillars on fruit and ornamental trees. 1 lb. 5c; 10 lb. pkg., $5.00.

WHALE OIL SOAP WITH TOBACCO. Provides the aroma of the best grades of whale oil soap and the added qualities of whale oil soap and in addition is supplied with nicotine sufficient to make it a sure remedy against all sucking insects. A popular and effective and reliable in destroying San Jose scale, Oyster Shell scale and plant lice on trees, shrubs, vines, rose bushes, etc. 1 lb., 25c; 5 lbs., 1.15. 1

LEMON OIL.
Soluble in water, will destroy Aphids, Rust, Scale, and Black of Cabbage, Fennel, Rose Bushes, etc. Highly recommended as a wash for destroying other animals destructor in and relieving mange. 1/2 pt., 35c; 1 pt., $1.00; 4 pt., $4.00.

LIME AND SULPHUR SOLUTION.
The popular spray material for dormant spraying of fruit and vegetables and as a Summer spray against certain fungus disease. 1 gal., 45c; 5 gal., 2.50; 10 gal., $5.00; 1/2 bbl., 25c per gal.; 1 bbl., 20c per gal.

DRY LIME AND SULPHUR.
Just as effective as liquid but more economical because of the absence of water. Represents a saving in freight charges, is more easily kept as it does not freeze and there is no loss from leakage. Dissolves readily in cold water and is more completely in accordance with Government specifications. 1 lb., 30c; 2 lb., 60c; 10 lbs., $1.25; 10 lbs., $1.95; 50 lbs., $7.25; 100 lbs., $13.50.

MAGOTTE.
Protects your crops against ravages of the root maggot which infests cabbage, cauliflower, radishes, turnips, etc., 2 lb. pkg., 35c; 4 lbs., 60c; 5 lbs., $1.00; 25 lb. sack, $2.50; 100 lbs., $10.50.

B. T. S.
Barium-Sulphur.
Barium is very similar to Lime (or Calcium) in its action. A preparation used in combination with Sulphur it greatly improves the value of both elements as an insecticide for roses, shrubs and flowers. May be used in both dormant and growing period applications. 5 lbs., 1.35; 10 lb., $2.30; 25 lbs., $4.75; 50 lbs., $8.00; 100 lbs., $14.00.

SALT.
A popular remedy for fungus diseases of all kinds. Used as a dusting, 1 lb., 5c; 10 lb., 50c; 50 lb., 2.50; 100 lb., 4.30.

WATER FLOW.
A proprietary mixture of certain prescribed chemicals, mainly intended for use as a dust, or in water as a spray. It is expected to be of great value for fungus diseases of all kinds. 1 lb., 25c; 10 lb., 2.00; 25 lb., 5.00; 50 lb., 10.00; 100 lb., 20.00.

WHOLESALE.
Distributor for leading manufacturers of insecticides, fungicides, and plant fertilizers. Address J. MANNS & CO., Forrest and Hillen Sts., Baltimore, Md.
LOW DOWN SPRAY PUMP.

K3092. This is an entirely new type of pump, with double the power of any other. They are fitted with removable 2½-inch brass cylinders and poppet valves, and are adapted for the use of hot or cold mixtures. They are built for use in extensive spraying operations of any kind, as their capacity is sufficient to carry from 1 to 500 lbs. of liquid. Complete with 6 feet wire-bound suction hose, 15 feet of 7-ply discharge hose, 8-foot extension line and one Pembro nozzle. Price, $46.00.

Hudson Junior Sprayer.
The Hudson Junior is a high pressure compressed air sprayer. It is designed especially for the Farmer, Gardener, Physician, Clerk, Store Keeper, or anyone having a few fruit trees, ornamental shrubs, rose bushes, or a vegetable garden which requires spraying. It will do the work just as thoroughly as any larger power outfit, as it has all the necessary features to produce the best results.

Tank is heavy gauge galvanized sheets or all brass as ordered. Side seams are riveted and soldered. Pump is seamless brass tubing which seals into the tank by a half turn of the D handle and is easily removed for filling, cleaning, etc. It is equipped with special spray hose built to withstand high pressures, and our“Perfection” automatic shut-off nozzle. An extension may be used with it if desired. Capacity about 2½ gallons. Shipping weight 8 pounds.

No. 140-G. Junior with galvanized tank. Price each, $5.00.
No. 140-H. Junior with brass tank. Price each, $8.00.

Ideal Compressed Air Wheelbarrow Sprayer.
The "One-Man" outfit. Pump is fastened to top of tank by spider casting, and can be removed by loosening one thumb screw, and is equipped with mechanical agitator. Discharge equipment: 10 ft. 3/4” Ideal Spray Hose, 3 ft. 9/16” Iron Pipe Extension, For Nozzle and a leakless shutter. The Ideal is well designed and will develop a higher pressure than any other Wheelbarrow Sprayer. Price, $36.00.

Eureka High-Pressure Spraying Outfit.
One of the best spraying contrivances on the market. Mounted on a very substantial all-steel cart; equipped with high-pressure steel tank, double-acting force pump, air gauge and one head of 15-foot ½-inch 7-ply hose and extension pipe.
Price, $45.00.

Power-Spray Gun.
Can be used on any Power Spray Pump, and does away with all bamboo extensions, nozzles and fittings. It enables one man to do the spraying, thus saving the expense of two extra men. By a one-third turn of the handle the spray can be adjusted from a long distance spray right up to the top of the tree to an extremely broad spray sufficient to cover the entire tree or shut off entirely. Price, $6.00.

Perfection.
The barrel is 7½ in. In diameter and 26 in. high. The pump is 13 seamless brass tubing. The valves are metal and work automatically from 8 to 15 minutes, and may be recharged in 12 seconds. For whitewashing use a No. 2 cup in the nozzle. Price, Galvanized Steel, $6.50; Brass, $9.00.
MYERS DUPLEX POWER SPRAY OUTFIT.
This outfit is furnished complete with duplex pump but without engine. The frame is made of channel steel, and is fitted with wrought steel bed plate on which the engine and pump are mounted, thus making a solid foundation that will not vibrate when under the most extreme pressure. The tank is of selected cypress; holds 100 gallons. Price, No. 21, $105.00; No. 15 Junior, $100.00.

MYERS BACK-GEARED POWER SPRAY PUMP.
No. 580. This pump is especially designed for heavy and efficient work, and can be connected direct on the crankshaft of any gasoline engine by means of a pinion and wheel, which is furnished with the pump, thus making the most complete outfit ever offered, for the reason that it only requires the entire floor space of 39x10. Fitted with strainer, pressure gauge and relief valve, double shut-off discharge and suction nipple. Price, $45.00.

MYERS COMPRESSED AIR SPRAYER No. 296.
Made of heavy galvanized iron, with 1 5/8" brass tube cylinder, attached to the can by means of a heavy brass screw nut. The nozzle is a special feature of this sprayer, making long distance spraying possible. The solution can be thrown a distance of 25 ft. Has always given excellent results. Capacity 3 gallons. Price, $8.00.

PERFECT LEVER BUCKET SPRAY PUMP.
The air chamber is 50 per cent larger than the Little Giant Sprayer. The lever handle produces also considerably more power. Price complete with agitator, hose and terminal nozzle, $8.50; 8-ft. extension pipe, 50c.

EXTENSIONS.

Extension Pipe, 5-ft. length, 1/4-inch steel, with couplings. Price, 50c. Assortment of spray Pump Fittings are carried in stock.

SPRAYERS—Continued.

LITTLE GIANT BUCKET SPRAY PUMP.
Made entirely of brass and malleable footrest, provided with large air chamber and throws a continuous spray; will carry a pressure from 50 to 120 lbs. on the nozzle. Price, with 4 ft. 1/2-inch hose and two nozzles, $13.15; 6-ft. extension pipe, 50c.

JUNIOR NO. 5 BUCKET SPRAYER.
Does away entirely with the objectionable foot-rest, clamps, leather suction, packing, etc., etc. This Pump requires no fastening of any kind, holds itself down and works anywhere and everywhere. All the operator need do is to press the plunger down. It rises of itself, the upward stroke being made by a brass spring forcing the cylinder apart.
The all brass suction working in a brass cylinder with all brass valves, does away entirely with all leather, rubber, or other packing. It is practically impossible for any part to get out of order.

Everything except handle and hose is solid brass threaded and screwed together. Is the easiest working and will do more different kinds of work than any pump ever made. Will pump from a pulp, barrel, tank, spring or creek. Without fastening of any kind it stands firmly wherever placed. Weighs only 4 lbs., and is ready for instant use everywhere.
Will throw three sizes of solid continuous streams and two sizes of round sprays. Has automatic mixer to keep solution stirred, please everybody and will last a lifetime. Price, $8.15.

KNOBSPACK SPRAYER.
Tank holds 5 gallons. The pump is made entirely of brass, with large air chamber, ball valves, solid plugger and agitator, fitted with 5 ft. 1/2-inch hose, and Bordeaux nozzle. Galvanized steel, $12.50; Brass Tank, $20.00.

EASY AIR COMPRESSOR.

15G
This has a large and strong pump, automatic shut-off nozzle; can be used for whitewashing, disinfecting, and is very desirable for large garden, orchard work. It is built of galvanized steel and holds one gallon. Price, $3.50.

DAISY DOUBLE ACTION.

7212
Works both ways of stroke, giving twice the results with half the work, will not turn over on its side and allow the liquid to run out; made of heavy galvanized steel. Price, 50c.

GLASS JAR SPRAYER.
Holds one quart; has long, powerful pump; two flexible tubes, which seed the spray over a wide area. Price, 50c.

THE "MISTY" SINGLE ACTION.
A low-cost sprayer made of heavy tin for general purposes; holds one quart. Price, 45c.

LITTLE GIANT DUSTERS.
This Blower is the highest development of all Powder Guns and Dusters now known. Covers two rows perfectly and can be adjusted to any desired width. Each machine is furnished with two tubes, five nozzles and strap, and weighs 6 pounds. Price, $12.00.

DICKY DUSTER.
Is indispensable for dusting vines and plants of all kinds. Price, 45c.

ACRE-AN-HOUR SIFTER.
For applying Drug Death, Slug-Shot, etc., to any kind of plants and bushes as fast as a man can walk. Will cover perfectly a plant 2 ft. in diameter. Price, $1.60.

ACME DRY POWDER GUN.
Applies all kinds of insect powder in any desired quantity. Price, complete with spreader, $1.25.

ACME-AN-HOUR SIFTER.
For applying Drug Death, Slug-Shot, etc., to any kind of plants and bushes as fast as a man can walk. Will cover perfectly a plant 2 ft. in diameter. Price, $1.60.

ACME DRY POWDER GUN.
Applies all kinds of insect powder in any desired quantity. Price, complete with spreader, $1.25.
MARLIME.
Made from Indian Hemp and the best product in making Straw Mats. Furnished in 1 and 5-lb. balls. Per pound, 25c.

<table>
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<th>Size</th>
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POT LABELS.

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TREE LABELS.

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POTTERING.

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FAN TRELLIS.

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<td>6 ft</td>
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PUTTY BULBS.
A useful tool for applying liquid Putty and Mastica for glazing Sash or Greenhouses. Large size, $1.25. By mail add 5c per box rate.

MASTICA.
For glazing greenhouses, sashes, etc., new and old. It is elastic, adhesive, and easily applied. It is not affected by dampness, heat or cold. Price, 1/2 gal., $1.00; 1 gal., $5.00.

MASTICA GLAZING MACHINE.
Price, $7.25.

TWEMLOW'S OLD ENGLISH GLAZING PUTTY.
Semi-Liquid.
For bedding glass in sash and filling cracks or seams in roof joints or frames of greenhouses or hothouses. 1-pound can (1-gallon capacity), $3.25.

HOT BED MATS.
Burlap. Made of strong burlap interlined with wool. Size, 40x76 inches, each $2.25; Size, 60x76 inches, each $3.35.

GALVANIZED IRON WATERING POTS.
Made of heavy galvanized iron, with removable Sprinkler.
- 4 quarts $0.00
- 6 quarts $0.00
- 8 quarts $0.00
- 10 quarts $0.00
- 12 quarts $0.00
- 16 quarts $0.00

GALVANIZED HARD STEEL WIRE PLANT STAKES.
Very durable, neat and strong, and extensively used for carnation and rose beds.

<table>
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<tr>
<th>Height</th>
<th>Price, Per 100</th>
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<tr>
<td>6 ft</td>
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GARDEN TROWELS.

- 6-in. Steel Blade, Malleable Shank. Each, 10c.
- 6-in. Solid Steel, Dipped and Polished. Each, 50c.
- 6-in. Florists' favorite, Solid Steel, Solid Steel Forged Shank. Each, 35c.

TRANSPLANTING TROWEL.

<table>
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<td>No. 2 6-inch blade</td>
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</tr>
<tr>
<td>No. 1 8-inch blade</td>
<td>$0.10</td>
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RAPID PLANT SETTERS.
These setters are giving entire satisfaction to many large growers of Tomatoes, Cabbage, Tobacco, etc. They take the place of the dibble in making the hole: the plant slides through a slot into the ground and is watered all in one operation. The plants are fed into the setter from a bucket which the planter carries and the work can be done standing almost erect. A great time saver and more satisfactory than hand work. Price, $6.00.

GARDEN BARROWS.
Substantially made of seasoned wood firmly bolted and braced.

- No. 1, $8.50; No. 2, $7.00; No. 3, $6.50.
- Tubular steel frame and steel pan, $9.50. No. 4 Canal Barrow, $11.00.

MOUNTED GRINDSTONES.
Climax. Frame is a combination of wood and steel, well finished, equipped with hand crank and treadle. Price, $8.25.

- E. F. 1. Wood Handle. $8.00
- Inlander. $9.25.
- Victor. $8.50.

King. The frame is constructed of tubular steel very rigid, ball bearing, adjustable seat, and equipped with treadles. Stone 4 1/2 inches diameter by 3-inch face. Price, $9.50.

- Cycle. Of angular steel, well braced, with sliding seat, ball bearing, bicycle treadles. Stone is 20-22 inches in diameter by 3-inch face, of the best Berea grit. Price, $8.25.

HAY FORKS.

- Continental, 2-tine, plain ferrule. 6-ft. straight handle. Price, $1.10.
- Continental best steel, 3 tines, 6-ft. straight handle. Price, $1.25.

SPADING FORKS, D-HANDLE.

- Continental, heavy, polished angular tines. Wood D-handle, $1.50; Iron D-handle, $1.30.
SPADES.

Semper D-handle, carbon steel. Price, $1.60.
Nursery, extra heavy D-handle, full strap. Price, $2.00.
Knoxall, long handle; very substantial. Price, $1.40.

HEDGE SHEARS.

8-inch American .................. $1.30
10-inch .................. 2.25
8-inch English .................. 2.50
6-inch .................. 3.00
10-inch .................. 3.25
12-inch .................. 3.75

With Notch 25c extra.

WATERS' IMPROVED TREE PRUNER.

8 ft. .................. $1.50
10 ft. .................. 1.75
12 ft. .................. 1.80

Extra Knives, 30c, each.

LITTLE GIANT PRUNING HOOKS.

Without pole. Extra Heavy. $2.50 each.

PRUNING SAW.

16-inch .................. $1.25
18-inch .................. 1.50
20-inch .................. 1.75

POST-HOLE Diggers.

Baldwin Brand. Price, $1.75.

EARTH AUGER.

No. 1. Bores holes 8 to 14 inches in diameter, 3½ ft. deep. Price, $6.00.
No. 2. Bores holes 8 to 10 inches in diameter, 3½ ft. deep. Price, $6.75.

FRUIT PICKER.

Made of galvanized hard-steel wire, shaped as to imitate the human hand. Without pole. Price, 35c.

NORCROSS CULTIVATOR.

The Norcross is an adjustable garden cultivator of 5 blades. A very handy garden tool. By removing the center tooth you can straddle the rows. The teeth can be made to set close or wide apart. Can be detached from handle and attached to any wheel hoe. Price, $1.00.

MIDGET NORCROSS.

2-Prong, short handle. Price, 40c.
2-Prong, long handle. Price, 50c.

MAGIC WEEPER.

A perfect and efficient tool, made of best tempered steel and furnished with 6 and 18-inch handle. Price, 15c and 30c.

Coal Forks, 12-tine, 14 inches long, D-handle, strap ferrule. Price, $2.25.
Coal Forks, 14-tine, 15 inches long, D-handle, strap ferrule. Price, $3.00.
Enslage Forks, D-handle, with strap ferrule and cap, 8-14 inch tines. Price, $2.25.

MANURE FORKS.

Continental, oval, 4-tine, plain ferrule. Price, $1.00.
Continental, oval, 4-tine, strap ferrule. Price, $1.20.
Continental, oval, 5-tine, strap ferrule. Price, $2.00.
Herkheimer, oval, 4-tine, strap ferrule. Price, $1.40.
Herkheimer, oval, 5-tine, strap ferrule. Price, $1.50.
Herkheimer, iron D-handle, 5-tine, strap ferrule. Price, $1.30.
Herkheimer, 4½ ft. handle, 6-tine, strap ferrule. Price, $1.50.

HEAVY MILL AND STREET FORKS.

4 heavy, 16-inch Diamond tines, wood D-handle. Price, $2.10.
5 heavy, 15-inch Diamond tines, wood D-handle. Price, $2.50.
6 heavy, 14-inch Diamond tines, wood D-handle. Price, $2.80.

MANURE FORKS.

Continental, oval, 4-tine, light strap, mall D-handle. Price, $1.25.
Oval, 5 18-inch heavy tines, cap ferrule, mall D-handle. Price, $1.75.
Extra heavy, 4 18-inch Diamond tines, full strapped, wood handle. Price, $2.50.
Extra heavy, 5-tines, as above, $2.40.
Extra heavy, 6 14-inch Diamond tines, full strapped. Price, $2.90.

GRAFTING WAX.

Trowbridge Brand. ......... Price, 4½ lb., 15c; lb., 50c.
Guaranteed Rubber Hose

KAUGA. Made under a special process and sold with a guarantee of two years. Three-quarter inch, four ply. 15c per foot.

MOULDED HOSE. The construction is entirely different from regular hose; it is vulcanized in patented molds under very high pressure, and has given best satisfaction. Furnished in continuous length. For foot, 15c, 16c and 18c.

HOSE NOZZLES. Mystic Spray, 60c. Justrite, 75c.
GALE CHILLED PLOWS.

We carry in stock a line best adapted for this locality.  
No. 34A.—An exceptionally fine general-purpose Plow for 3 horses.  Wood beam, long slanting landside; mould-board has a very bold turn.  Right-hand.  Weight 137 lbs.  Price, $17.00.

No. 31.—Wood beam, left-hand; a perfect 2-horse Plow.  Price, $15.00.

No. 32.—Wood beam, right-hand.  Price, $14.00.

No. 17-B.—Wood beam, 1-horse; used largely by gardeners and nurserymen.  Price, $13.00.

No. 35.—A small 1-horse Plow for use in garden and around bushes; has a short, bold turn of mould-board.  Price, $7.50.

SYRACUSE SPRING TOOTH HARROW.

This Steel Frame Spring Tooth Lever Harrow is now a favorite with every farmer.  The frame is made of angle steel and the bottoms are equipped with detachable runner shoes, which can be renewed when they become worn.  Adjustable to any depth.

15-Tooth 2 Section Cuts, 53-inch .............................................. $11.75
17-Tooth 2 Section Cuts, 54-inch .............................................. 23.00
23-Tooth 3 Section Cuts, 7-inch ............................................... 33.00

WOOD FRAME SPRING TOOTH HARROW.

This is the well-known, favorite Perry Harrow.  Steel lined, guarded, protected bolt heads, perfect tooth seat.

14-Tooth Harrow .............................................................. $12.00
16-Tooth Harrow ............................................................ 14.50
18-Tooth Harrow ............................................................. 16.00
20-Tooth Harrow ............................................................. 18.00

PLATT SPRING TOOTH LEVER HARROW ON WHEELS.

Equipped with sand-proof wheel boxes.  Strong and easily operated.

15-Tooth, 2 Section with Coupling Bar ..................................... $30.00
17-Tooth, 2 Section with Coupling Bar ..................................... 31.00
19-Tooth, 2 Section with Coupling Bar ..................................... 31.00

BUTTS REVERSIBLE HARROW TOOTH POINTS.

The patent clamp fastens this point to any make of Harrow Tooth securely.  The points are made from best tempered steel and can be quickly reversed.  Reversible Point and Socket ................................................. $0.35

DISK HARROWS.

The use of Disk Harrows has become a matter of necessity to the successful farmers.

Emerson All Steel Special:

8 Disk, 16 inches ............................................................... $20.00
10 Disk, 16 inches ............................................................. 41.00
12 Disk, 16 inches ............................................................. 40.00
Scrappers extra ................................................................. 3.00

DEEP DISK HARROW WITH FORE TRUCK.

The Harrow Truck is a new device and enables the user to make a short turn and relieves the neck weight entirely.

8 Disk, 16 inches ............................................................... $45.00
10 Disk, 16 inches ............................................................. 48.00

ALL-STEEL HARROW.

A spike-tooth Harrow with lever up.  A smoothing Harrow with lever down.  Made entirely of steel.  The teeth can be instantly set at any angle from forward pitch to straight up or slanting backward.

One-Horse, One Section, 4 ft. Cut ....................................... $10.00
Two-Horse, Two Sections, 8 ft. Cut ....................................... 20.00
Two-Horse, Two Sections, 10 ft. Cut ...................................... 22.00

PLANET, JR., PIVOT WHEEL RIDING CULTIVATOR PLOW, FURROWER AND RIDGER.

NO. 76 WITH DISCS.

This new implement combines all the advantages embodied in any cultivator and is without a rival in usefulness.  Price, complete with 8 2½x10 Cultivator Teeth, one pair 7-inch Plows and 8 2-inch Shovels, $7.50.

EMERSON AUTO-PIVOT CULTIVATOR

NO. 35.

Has the celebrated Emerson foot-lift device.  Can be raised or lowered with the feet, leaving the hands free to manage the team.  Has Roller and Ball Bearings.  Can be used as a surface cultivator or a corn plow.  Wheels can be widened or narrowed.  Furnished in 6 or 8 shovels and has no complicated balancing devices.  The gauges are nearer the team than are other makes and the draft is direct to the beams instead of the wheels.  This machine has proven satisfactory wherever it has been placed.  Circular is yours for the asking.

6-Shovel Spring Hoe ............................................................ $26.00

HAYING TOOLS AND IMPLEMENTS.

We carry the latest improved types of machinery in stock, and it will be to your interest to get our prices.

The Famous Emerson-Standard is the best mower on the market.  Let us tell you why.  Price, $80.00.

EMERSON RAKE.


**HAYING TOOLS.**

Myers' Double Lock Unloaders.
No. 299. Represents the new and latest improved Hay Carrier. Equipped with larger and heavier rope sheaves than any previous pattern made. **Price, $10.50.**

**MYERS' CLOVER LEAF UNLOADER.**
No. 224. This is the well-known reversible car for double steel track. The locking device grasps the fork pulley on either side and permits it to swing free. **Price, $8.50.**

Double Steel track. **Price per foot, 25c.**

Hanging Hooks. For double steel track. **Price, each, 20c.**

Rafter Brackets. Wrought or malleable iron. **Price, each, 7c.**

Pulleys. 6-inch; wood sheave; malleable iron frame. **Price, each, 80c.**

Pulleys. Knot-passing swivel; 6-inch malleable iron sheave. **Price, each, 90c.**

Double Harpoon Forks, all steel. **Price, each, $2.25 to $4.50.**

Floor Hooks, 1/2-inch wrought iron. **Price, each, 15c.**

**WAGNER BARndoOR HANGER.**

Extra Heavy All Steel and Self-cleaning.

Tandem Ball-bearing Rollers, per set $2.00
No. 15 Tubular Steel Track, per foot 25
No. 100 Everlight Steel Track, per foot 30
Steel Brackets, each 29

**PLANET JR. COMBINED DRILL, SEEDER AND WHEEL HOE.**

No. 31. **Price, complete as illustrated, $13.00.**
No. 31D. As a Seed Drill only. **Price, $10.50.**

This illustrates the latest addition to the Planet Jr. line of labor-saving tools, and is intended for the small grower with whom the price of the regular and larger tools have been of some consideration. The possessor of all the good qualities and accessories of the larger machines.

**HILL AND DRILL SEEDER NO. 3.**
Is recommended for the general market gardener; 15-inch driving wheel. Seed hopper capacity, 3 quarts. **Price, $18.50.**

**HILL AND DRILL SEEDER NO. 5.**
Is similar to the No. 3, but larger; 16 1/2-inch driving wheel. Hopper capacity, 5 quarts. **Price, $20.00.**

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**COMBINED HILL AND DRILL SEEDER AND CULTIVATOR NO. 4.**

No. 4. **Price, complete, $19.50.**

Weight, 60 lbs. As a Seeder only, $15.50. Holds 3 1/2 qts. of seed.

**NO. 16 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.**

Equipment: One pair of 6-inch hoes, three cultivator teeth, one large garden plow, one 7-inch rake, one 4-inch rake, one leaf guard. All oil tempered. **Price, $10.50.**

**NO. 12—DOUBLE AND SINGLE WHEEL HOE.**

Most useful Has same frame, wheels and handles as No. 16, but has for equipment one pair of 6-inch hoes only. **Price $6.00.**

**NO. 17—SINGLE WHEEL HOE.**
Is of the same construction as No. 16, omitting the two rakes. **Price, $8.75.**

**NO. 17½—SINGLE WHEEL HOE.**
Equipment. One pair of 6-inch hoes, three steel cultivator teeth, one leaf lifter. **Price, $7.00.**

**NO. 18—SINGLE WHEEL HOE.**
Frame and wheel as No. 16, but has for equipment one pair hoes only. **Price, $6.50.**

**NO. 19—SINGLE WHEEL HOE CULTIVATOR AND PLOW.**
Is strong, well made, with 15-inch-high wheel, which makes it easy running; equipped with one 2-inch cultivating tooth, one 4-inch cultivating tooth, one 5-inch sweep, one 18-inch sweep and one plow. **Price, $8.25.**
NO. 33.—SINGLE WHEEL HOE AND CULTIVATOR. Will delight the suburbanite. Boys and women, young and old, will find in this tool a light-running wheel hoe. Price, $6.50.

NO. 19.—IRON AGE BAND CULTIVATOR. Price, $4.75. VICTORY IRON AGE HAND PLOW. Price, $4.90.

Are more widely known and bear the highest reputation of any make.

No. 9 Plain Cultivator, with lever. Weight 63 lbs. Price, $15.00. Without Wheel, Price, $12.75.

NO. 4.—PLAIN CULTIVATOR. Has patent expander in place of lever; weight complete with wheel, 56 lbs. Price, $12.50. Without wheel, 49 lbs. Price, $10.25.

NO. 100D.—PLAIN CULTIVATOR. Entirely new design. The frame is very rigid and light; the expander very simple, strong and convenient. It is exactly right for the medium farm and market gardener. Price, $8.75.

NO. 8.—PLANET JR., HORSE HOE AND CULTIVATOR. With Steel Wheel. Price, $19.50. With Cast Wheel. Price, $19.00. Packed weight, 63 lbs. As used for plowing toward the row and for hilling.

Equipment: Four 2x8-in. cultivator steel, one 3 x 8-in. cultivator steel, two 2-in. hillers, one 1-in. shovel, lever expander, depth regulator.

NO. 2.—HORSE HOE.

Very similar to the No. 8, except that it has a plain wheel instead of the lever wheel and the depth regulator. With new Steel Wheel, weight 70 pounds. Price, $17.00. Without Steel Wheel, weight 64 pounds. Price, $14.75.

TWELVE-TOOTH HARRAW, WITH NO. 4 EXPANDER.
No. 92.—With new Steel Wheel, weight 53 lbs. Price, $12.75.
No. 92.—With Cast Wheel. Price, $12.75.
No. 92D.—Without Wheel, weight 45 lbs. Price, $10.50.

TWELVE-TOOTH HARRAW, WITH NO. 9 LEVER EXPANDER.
No. 90.—With new Steel Wheel. Price, $20.00.

SHOVEL PLOWS.

Steel beam, single shovel. Price, $2.00.
Steel beam, double shovel. Price, $3.00.
Steel beam, triple shovel. Price, $4.75.

I. A. CULTIVATORS.

Baltimore Cultivator, with lever. Price, $7.00.
Steel Cultivator, $1.50 extra.
I. A. Cultivator and horse hoe combined, as illustrated. Price, $9.00.

I. A. COMBINED HARROW AND CULTIVATOR.

A splendid tool for cultivating crops in rows; thoroughly pulverizes and loosens the soil without throwing dirt on the small plants. The teeth are reversible and can be changed in 4 different positions. Price as shown in illustration, $7.00. Price, with lever, $8.50.

SYRACUSE CHILLED PLOWS.

Steel, iron and wood beams, including a full line of extras.

ROLAND CHILLED PLOWS.

Including a full line of extras.

OLIVER CHILLED PLOWS.

Wood or Steel Beam.

Plows.
A Light, one horse $8.75
B Medium, one-horse 10.00
10 Full, one-horse 14.25
13 Heavy, one-horse 16.75
19 Light, two-horse 16.75
20 Medium, two-horse 17.50
40 Two or three-horse 20.00
E Full, two-horse 29.00
Wheels, complete, each $1.50 and 2.25
Jointers, complete, each $3.50 and 3.90

NO 35 PLANET JR. SEEDER ATTACHMENT FOR WHEEL HOES AND GARDEN PLOWS.

Particularly useful to the home gardener, as it is just as accurate and efficient as the larger seeders but designed for sewing short rows. Holds one plate of seed and plants every seed, even to the last one at the proper distance apart. Planting with a seeder machine saves time as well as seeds and the crop is much more readily cultivated and kept free from weeds. Quickly attached by a single bolt to any Planet Jr. Wheel Hoes or Garden Plows. Price, $6.25.

SAW FRAMES.

These frames are substantially built of hard wood mortised, tenoned and full bolted. The mandrel is of cold rolled steel and the blade of dependable saw steel of the highest quality. The table is firmly hinged to the frame and thoroughly braced and reinforced.

No. 4. With 20-inch blade $24.00
No. 5. With 24-inch blade $34.00

BOSS DRAG SCOPS.

No. 1. With runners $10.50
No. 2. With runners $10.00
STERLING MOWER.

Simple in construction, light running, made of the very best material throughout, and warranted in every particular.

10 and 12-in. cut, three knives.

Price, $3.50.

12 and 14-in. cut, 4 knives. Price, $6.00.

16-in. cut, 4 knives. Price, $6.50.

Terrace Special (Style P. P.). Prices same as Sterling.

INDUSTRY MOWER.

Roller Bearing.

Price, 11-in. $13.50.

12-in. 14.50.


All Day Mower.

Price, 14-in. $12.00.

15-in. 12.50.

13-in. 13.00.

PHILADELPHIA EAGLE HORSE LAWN MOWER AND ROLLER.

This is the latest production of this well-known factory, and is now acknowledged by every user to be the best in operation. 35-in., with seat, shafts and draft pole $115.00.

35-in., with seat, shafts and draft pole $145.00.

40-in., with seat, shafts and draft pole $165.00.

Special price on motor mowers.

BALTIMORE GRASS COLLECTOR.

Made of the best quality duck, heavy galvanized iron bottom; will fit any mower, and can be instantly attached and detached.

No. 1 will fit 12, 14 and 18-in. mower.

Price, $2.50.

No. 2 will fit 16, 18 and 20-in. mower.

Price, $2.90.

LAWN ROLLERS.

These rollers represent all the latest and up-to-date improvements; they are fitted with hardened steel roller bearings, which reduces the draft by 40 per cent; the counter-balance attached on the outside of the drum fixes the handle to stand in an upright position. The outer edges of the drum are well rounded to prevent cutting.

Diameter Total Feet Length Pounds Price

Keystone Steel 20 20 250 $23.00

No. 4-2 section 20 24 280 $25.00

No. 7-2 section 24 40 460 $36.00

WATER BALLAST LAWN ROLLER.


CALIFORNIA SCIENTIFIC SPRINKLERS.

These sprinklers, which are especially adapted for use on lawns and golf links, supply a long-felt need for an efficient, simply constructed sprinkler, which has no movable parts to get out of order. The spray produced is just like rain and a remarkable distance is covered. Four, six and seven foot lengths. 50c per foot.

FOUNTAIN SPRINKLER.

Made of Heavy Brass.

Easily moved over the lawn without turning off the water. The mist-like spray is a veritable "balm of beauty." Price, 75c.

REVOLVING SPRINKLER.

These sprinklers are compactly and strongly made with phosphor-bronze bearing.

Eureka Sprinkler, 12 in. high, Price, $1.00.

Newport Sprinkler, 24 in. high.

Price, $3.50.

LADDERS AND LAWN SWINGS.

We shall be pleased to quote very reasonable prices.
Poultry and Stock Feeds,

RED CHIEF HAND CORN SHELLER.

Clamps on barrel or box; has patented oval-shaped teeth, shelling the corn without cracking the grains. It shells very easily and throws out the cob every time. Price, $2.00.

"RED CHIEF".
(Rapid Grinding Mill)

It is built on scientific lines and combines all the elements which make up the most satisfactory Hand-Power Mill for grinding small grain. The burrs are extra hardened and self-sharpening; they cut; do not mash. The only Mill that can be cleaned and adjusted in a moment's time without the use of a wrench.

No. 2, Is operated by a crank; chains or bolts to a box as desired. Has books on which to hang a basket. Capacity, 1-2 bushels per hour. Price, $4.00.

No. 5, Has a fly wheel which makes the Mill run steadily, and requires the least possible power to turn it. It fastens by chains or bolts. Capacity, 2-4 bushels per hour. Price, $2.57.

No. 10, This Mill has beautiful outlines, as shown in illustration; will grind any kind of small grain; also oyster shells and dry bone. Capacity, 2-4 bushels per hour. Price, $6.55.

No. 20, Combination Hand-Power Mill. It is substantially constructed; all bearings bronze metal, and when run a speed of from 30-45 revolutions per minute will grind from 10-20 bushels per hour. Power required, from 1% to 2% of one horse engine. Price, $15.00.

Extra Attachments for No. 20 Mill.

These devices, including Corn Sheller and Table Meal Separator, can be attached to any No. 29 Mill now in use, and can be operated combined or independently, as may be desired, and enable the user to shell, grind or crack corn, also save fine table meal in one operation.

Table Meal Separator. Price, $5.50.
Corn Sheller Attachment, including hand crank. Price, $7.50.

CHICK FEEDERS.

They are constructed so as to keep feed near the outer edge where it can be easily reached. The small openings around the top keep the chicks out of the feed, keep food clean and prevent crowding, thereby insuring that the weakest chicks get food. Top removable for cleaning. Thoroughly galvanized.

6 in. diameter, 8 feeding holes $0.15
8 1/2 in. diameter, 12 feeding holes .25

Remedies and Supplies

POULTRY AND STOCK FEEDS, REMEDIES AND SUPPLIES.

We handle large quantities of HIGH QUALITY scratch feed, laying mash, growing mash, buttermilk feeds, whole and cracked corn, ground bone, oyster shell, Eggay marble grit, charcoal and beef scraps. Write for samples and latest quotations.

DON SUNG. Guaranteed to make hens lay. A tonic which increases egg production by improving the health of the birds. If results are not entirely satisfactory, money will be refunded. Two sizes, 50c and $1.00.

WATER GLASS. Put down eggs in the spring and summer when they are cheap and keep them fresh for ten months. One gallon makes sufficient solution for 50 dozen. Price, quart, 40c; gallon, $1.25.

NEKO SANITARY DRINKING FOUNTS.

Quarts 26c 25c 25c 50c

DRIY-MASH HOPPERS.

These hoppers are made from heavy galvanized iron, and are so constructed that they can be closed up at night to keep out mice and rats. They are also provided with a screen to prevent the chickens from scratching through the mash out and wasting it. It not only saves the feed, but keeps it before the flock where they can get as much as they should have. Made in two sizes, 12 inch $2.00 24 inch 2.80.

STAR JAR FOUNTAIN AND FEEDER.

Will fit any 3q, 5q, or 1-gallon jar. Manufactured of one piece of non-rustable metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap sanitary. Little chicks cannot pull down. Can be used for feed as well as water. Price, without jar, 10c.

SHELL AND GRRIT BOXES.

This box is made of heavy galvanized iron with 3 compartments for shell, grit, shells and charcoal. It is provided with lid and cover, which protects the contents and may be suspended to the wall of the poultry house by the handle.

2 Compartments $1.00
3 Compartments .45

METAL CRATES—FOR SHIPPING EGGS BY PARCEL POST.

These boxes are made for continued use, being strongly constructed, but light in weight. All crates are provided with built-in shock absorbers to give a cushion for the eggs. The crates do not require outside wrapping for mailing.

Capacity Each 2-doz., size, $1.00 3-doz., size, 1.25 4-doz., size, 1.50 6-doz., size, 1.75

COMBINATION CRATES.

1 doz. Eggs and 3/4 lbs. Butter $1.59
2 doz. Eggs and 1 lbs. Butter 1.75
2 doz. Eggs and 3/4 lbs. Butter 1.65

CHAMPION LEG BANDS FOR POULTRY.

CHAMPION BANDS.

This is one of the best and most popular bands. A favorite among all poultry raisers. It is adjustable to suit all fowls. Doz., 15c; 50 for 60c; 100 for 81.15.
POULTRY SUPPLIES
J. MANN'S & CO., Forrest and Hillen Sts., Baltimore, Md.

IDEAL POULTRY MARKER.

Easy to operate, and one of latest made. Price, each, 50c.

WIRE HEN'S NEST.

Very substantially made of heavily coppered wire and ¼-inch metal strips; will last indefinitely, and always sanitary. Each, 35c; doz., $3.50.

PORCELAIN NEST EGGS.

The best and cleanest nest eggs in use. Price, per doz., 30c.

RELIABLE POULTRY AND STOCK REMEDIES AT POPULAR PRICES.

For Poultry and Livestock Hinges see page 60. Let us send you descriptive folder showing complete line of Poultry Appliances.

HOG TROUGHS.

Very heavy cast iron 3 to 7 ft long. Per foot, $1.00.

IDEAL HOT-WATER INCUBATORS.

The Ideal incorporates every advantage and improvement known in a first-class incubator, and is the simplest method of artificial hatching. The outside and inside walls of the incubator are made of one-inch thick California Red wood, interlined with corrugated fiber board, which produces a dead-air space between the inner and outer walls of the incubator, so that the outside temperature has no effect upon the Egg Chamber.

The lamp support is a fireproof box, which encloses the boiler in such a way that the heat is concentrated direct to the boiler and eliminates all possible waste of fuel.

The tubular tank and boiler is made of pure copper, and guaranteed against leaks. By filling the tank with hot water in starting the incubator, a temperature up to 102 degrees can be obtained in less than two hours. The Ideal is furnished complete with all necessary fixtures, attachments and instruction book to operate same successfully.

No. 1, capacity 80 Hen Eggs, or 60 Duck Eggs....$12.50
No. 2, capacity 150 Hen Eggs, or 120 Duck Eggs....17.50
No. 3, capacity 250 Hen Eggs, or 200 Duck Eggs....22.00
No. 4, capacity 400 Hen Eggs, or 250 Duck Eggs....45.00

IDEAL METAL-COVERED INCUBATORS.

The incubator case is constructed of first-class timber. Over the outside of the wooden case a heavy layer of wool felt, then the entire outside of incubator case is covered with 28-gauge galvanized and painted iron. The top and bottom is made of four thicknesses of material, which makes the incubator well insulated.

The incubator is trimmed with black enamel iron, and is held up by substantial, strong and well-finished steel angle legs.

No. 4, 120-Egg size ................................................. $15.00
No. 5, 175-Egg size ................................................. 18.00
No. 6, 240-Egg size ................................................. 21.00

IDEAL PORTABLE BROODER.

This brooder is constructed throughout of heavy steel, has heavy felt curtains to protect the chicks, has first-class safety lamp, thermometer and complete instructions.

Capacity, 100 chicks, diameter 22 inches, weight 30 lbs. Price, $9.00.

IDEAL BROODER FOR INDOOR AND OUTDOOR USE.

HOT-AIR HEATED.

The brooder is divided into two compartments: The hover, which is directly under the heater pipes, and the exercise-room in front next to the glass windows. The two compartments are separated by a heavy felt curtain. The chicks go into the hover to get warm the same as they do when they go under the old hen in the natural way. The brooder is well finished, well manufactured, and will last indefinitely. Only first-class lumber is used in its construction.

Made in two sizes, priced as follows:

Floor Space Weight  Price
No. 1, 100-chick size ...... 24x30 inch $5 lbs. $10.00
No. 2, 200-chick size ...... 32x44 inch 110 lbs. $12.50

IDEAL HOVER.

Galvanized steel, fastened with bolts to a strong cast-iron ring that fits perfectly to the top of the stove. Hover is 42 inches in diameter, and is removable; it requires a floor space of 6 to 8 feet, and will take care of any number of chicks up to 500. Price on application.

IDEAL COLONY BROODER.

The Colony brooder has been in use for a number of years by thousands of poultrymen, and has never failed to give satisfaction. It burns hard or soft coal, and is self-regulating, check-valve or damper being hung on a sharp edge fulcrum so that it works perfectly.

GUARANTEED CATTLE OIL

Protect stock from flies. Satisfaction guaranteed, or money refunded. It protects cattle all day. The flies and odor do the work. Flies hit by it are killed, the others are kept off by the odor. It is applied with a spray-er. Cows cannot give the full quota of milk if they have to fight flies. Use Guaranteed Cattle Oil, and they will feed in peace and quiet and give you the maximum quantity of milk on the minimum quantity of food. Prices: 1-lqt. can, 4c; 1-gal. can, $1.25; 5-gal. jkt. can, $5.00.
**Wire Fencing**

**UNITED STATES POULTRY NETTING.**

U.S. Poultry Fence is strictly a "NO SAG" fence, as the combination of line and mesh wire is made from carefully woven, prevents any lengthening or narrowing between posts. In erecting U.S. Poultry Fence the line wire is stretched to a high tension, which compels the fence to remain rigid and upright without anchoring it to a basement or top rail. These features place it a long stride beyond the Hex mesh netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging.

There is no netting on the market that compares with U.S. Poultry Fence for strength, beauty and durability, and we invite comparison with other makers, feeling confident that all our claims of superiority will be substantiated.

Made of No. 20 hard steel wire, double twisted and galvanized after welding.

**2-inch Mesh.**

Put up in Roll of 350 feet. $1.60

- 12- in. ........................................ $1.60
- 24- in. ........................................ 2.75
- 36- in. ........................................ 5.80
- 48- in. ........................................ 6.30
- 50- in. ........................................ 7.60

In less than Roll lots, 11c a square foot.

**American Steel Fence Posts**

**TAMP! TAMP!**

The Boys Are Tamping
While We Have Our Work ALL DONE!

Made by American Steel & Wire Company

You can save all the cost and drudgery of tamping. Use American Steel Fence Posts. No tamping—no back-breaking post holes digging. You can drive steel posts in ordinary soil. Steel posts protect your live stock from lightening. Every steel post is a lightning rod. It carries electricity from the air. Allows you to burn your fence rows, destroying bugs and weeds that damage crops. Eliminates rodents. Requires no staples. Makes land more valuable.

<table>
<thead>
<tr>
<th>Steel PostsNeed No Tamping They Pierce Firm Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 14. Line Post, 6(\frac{1}{2}) ft. high, weight 10 lbs. ... $1.75</td>
</tr>
<tr>
<td>No. 10. End Post, 7 ft. high, weight 52 lbs. ....... 3.75</td>
</tr>
<tr>
<td>No. 10. Corner Post, 7 ft. high, weight 76 lbs. ..... 6.50</td>
</tr>
<tr>
<td>Ball Tops to Line Posts ................................ 25</td>
</tr>
<tr>
<td>Ball Tops to End and Corner Posts ..................... 35</td>
</tr>
<tr>
<td>Upper Collar for hanging Gate and End Post .......... 50</td>
</tr>
<tr>
<td>Lower Collar for hanging Gate and End Post .......... 75</td>
</tr>
<tr>
<td>Pig-Ear Latch ......................................... 75</td>
</tr>
<tr>
<td>Driving Caps for Line Post ........................... 10</td>
</tr>
</tbody>
</table>

**Champion Wire Stretchers.**

No. 1 has hickory handle and malleable clamp; can be quickly adjusted, and is a favorite with fence builders. Price .................. $1.50

**Ratchet Wire Stretchers.**

Is operated by one man and holds the wire in any desired position. Price ........................ $1.50

---

**BARBED WIRE—GALVANIZED.**

2 and 4 Points, price per 100 lbs. .................. $5.00

**FENCE WIRE SPLICERS.**

Small handy tool, which makes splicing easy and lasting. Price .................. $0.20

**Lion Fence**

"Page Lion" stock fence is made of hard steel wire and of just the right temper to give the fence extraordinary staying power. The patented Lion Lock prevents the buckling of the fence when stretched on uneven ground; it also prevents the fence becoming waterlogged and rusting out, which is the case in light weight wire. See page 63.

**ORNAMENTAL LAWN FENCE.**

Very attractive and we believe the most durable wire lawn fence made. Can be furnished heavy galvanized, or, in addition, coated with a specially prepared Gray Enamel Paint.

- 1½ inches; wire, No. 13 Gapped Picks in No. 12 Tw. Cables.

Price: 36-inch, per ft. $15.00
Price: 9-inch, per 100 ft. $15.00
Price: 18-inch, per 100 ft. $20.00

In Rolls of 200 feet, deduct 1c a foot.

**ORNAMENTAL GATES.**

Heavy steel frames, fitted to match the fence fittings for wood, pipe or metal posts. Price per Roll of Posts.

- Height: 3 ft. 36½ ft. 4 ft. 5 ft. 7 ft. 12 ft. 18 ft.

Regular No. 635, 6 strands, 24-inch high .................. $6.80
Regular No. 845, 8 strands, 44-inch high .................. $8.40
Regular No. 1017, 10 strands, 47-inch high .................. $8.60
Hog style, 755, 7 strands, 16 stakes, 12-in. apart ........ $1.45
Hog style, 785, 7 strands, 32 stakes, 6-in. apart ........ $3.10
Hog style, 832, 8 strands, 16 stakes, 12-in. apart ........ $7.50
Hog style, 832, 8 strands, 32 stakes, 6-in. apart ........ $8.90

**PAGE STOCK FENCE.**

A fine group of poultry fences, sufficiently close spaced to answer every demand of the poultryman and strong enough to protect the yards against domestic stock.

**AMERICAN POULTRY FENCE.**

**American fence is one continuous wire from top to bottom, and is locked to the strand wires with a simple lock or knot.**

- No. 635, 6 strands, 35 in. high, per roll .................. $10.40
- No. 845, 8 strands, 45 in. high, per roll .................. $12.00

Put up regular in 20-yard Rolls. Prices subject to change.

**AMERICAN POULTRY FENCE.**

An ideal fence against poultry and small animals. The spacing is graduated from 1½ inches at the bottom to 5 inches at the top, and the distance between the stays is 6 inches. We carry the fence in stock in the styles mentioned below.

- 1945, 48-in. high, per Roll of 105 ft. .................. $8.25
- 2055, 53-in. high, per Roll of 105 ft. .................. $7.00
- 2155, 58-in. high, per Roll of 105 ft. .................. $7.75
Dairy Supplies

AUBURN STEEL-AXLE FARM WAGONS AND PUMP CARTS.

These Wagons and carts are made of best Eastern - crown, well-seasoned Hickory and white oak wood, heavily ironed and well made throughout. They are sold under a guarantee to carry their full rated capacity. Any defective part of material or bad workmanship will be replaced free of charge within one year from the date of purchase. Let us quote latest prices.

AMERICAN CREAM SEPARATOR.

The advantages of the Centrifugal Cream Separator are now acknowledged everywhere, and the American possesses the following points of merit:

- Simplicity, durability, clean skimming, ease of operation and price.

No. 10. Capacity 200 lbs. of milk per hour.
No. 1. Capacity 350 lbs. of milk per hour.
No. 2. Capacity 450 lbs. of milk per hour.
No. 3. Capacity 600 lbs. of milk per hour.

Fully Guaranteed. Write for Special Price.

BOSS CREAM SEPARATOR.

Every small dairy should certainly have the Boss. It means one-quarter more cream of better quality and saves one-quarter the time. No machinery to run or look after. Separation is effected by circulation of cold water in outer can. All the cream rises to the surface in an hour or two and is drawn off sweet. Suitable for table use or other purposes.

2½ gallons, capacity 1 to 2 cows...$8.50
4 gallons, capacity 3 to 4 cows...9.50
6 gallons, capacity 4 to 5 cows...10.25

TWIN SEPARATOR.

Has many advantages over the separator with a single milk vessel; one can be used in the morning and the other in the evening.

2 cans, 12 gallons, capacity 6 to 7 cows...$16.00

WATER MIXERS.

In the Dilutors or Water Mixers the water is poured right into the milk so as to chill it instantly and cause the cream to rise in about one hour.

8 gallons, to hold 4 gallons of milk...$5.75
12 gallons, to hold 6 gallons of milk...6.75
16 gallons, to hold 8 gallons of milk...7.75

DAIRY THERMOMETERS.

Each...$0.75

CREAM-TESTING TUBES.

Each...$0.40

PARAFFIN BUTTER PAPER.

Is furnished in sizes: 24 x 26, 9 x 12, 6 x 9. Price, per pound, 25c. By mail, add regular Parcel Post rate.

HAND BUTTER PRINTS.

1/2 lb. Seeley Pattern, as shown in cut...$0.75

Baltimore Pattern...1.25

Round Print and Mould...40

BUTTER WORKER.


No. 1. 2 x 3 x 2 1/2 in. 1/2 lb. 25c. No. 1.

No. 2. 2 x 3 x 2 1/2 in. 3/4 lb. 17.00

No. 3. 1 1/2 x 2 x 2 1/2 in. 1 lb. 15.35

BUTTER COLORING.

Purchased Brand Butter Coloring is guaranteed to be purely vegetable, and that the use of same for coloring butter is permitted under all Food Laws—State and National.

Will not color the butter milk; will never turn rancid; gives the brightest and best color; butter never becomes reddish; perfect economy in use. It is cheaper than any other coloring. Put up in four sizes.

Small size to color 500 lbs. $0.35
Medium size to color 1250 lbs. $0.35
Large size to color 2500 lbs. 1.25

GEM MILK CANS.

The Gem embodies all of the special features which go to make up a first-class milk can. It has a seamless neck, sanitary cover, stamped steel breast and bottom.

Special Price, 30-quart...$4.75
Special Price, 32-quart...5.50
Special Price, 40-quart...6.00

Prices, Subject to Change.

Baltimore Pattern Milk Cans.

This cut illustrates it. It is the standard Baltimore Pattern Milk Can. Smooth inside surface, without crevices or protruding rivet heads, which enables cans to be easily, quickly and thoroughly cleaned.

29-quart...$6.50
30-quart...7.50
40-quart...8.00

Prices subject to change.

CYLINDER CHURN.

Made of selected white cedar and well put up. Full churning capacity.

No. 1...per hour...$4.25
Gals. 1½ 2 3½ 6
Price...$4.25 $5.50 $5.75 $6.75

BARREL CHURN.

Oak stave; steel top; it works by concussion and will not break the grain of the butter nor make it of a salty consistency.

No. 0...0 1 2 3 4 5
Gallons...4 5 6
Price...$6.50 $7.00 $7.50 $8.00 $9.00 $10.00 $11.00 $12.00 $15.00

BUTTER SHIPPERS.

36 ½-lb. prints...$10.00
64 ½-lb. prints...$12.00
80 ½-lb. prints...$12.75
100 ½-lb. prints...$13.75
120 ½-lb. prints...$15.00
20 lb. prints...$9.00
30 lb. prints...$10.00
40 lb. prints...$11.00
50 lb. prints...$11.50
60 lb. prints...$12.50

Subject to Change.

IF YOU TRY IT YOU'LL BUY IT

The Merry Garden Art Cultivator will cut down your labor expense—one man with this power cultivator will do the work of four men with hand cultivators and do it easier and better. It will cultivate any kind of truck crops whether in clay, Baltimore or oak soil and furnish portable power. Travels 40 to 250 feet per minute;-speed control on handles. Easy to operate. Easy to turn around or back up. Equipped with the well known 2½ h.p. water cooled Lister motor, efficient, dependable, practical—the cultivator for your farm.

F.O.B. Cleveland

Sold on money-back guarantee with recommendation of testing and proving it on your own farm. A detailed descriptive folder and terms.
Water Supplies

KANAWHA WOOD PUMPS.
Porcelain Lined—Ready to Set in the Well.

<table>
<thead>
<tr>
<th>Depth of Well</th>
<th>No. 2, 6 x 6</th>
<th>No. 5, 7 x 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 feet</td>
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<td>30</td>
<td>22.00</td>
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Depth of Well: No. 4, 7 x 7 | No. 6, 8 x 8

<table>
<thead>
<tr>
<th>Price Head</th>
<th>$23.50</th>
<th>$28.50</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>48 feet</td>
<td>35.40</td>
<td>46.00</td>
</tr>
</tbody>
</table>

MYERS DIRECT WATER SYSTEM.
Complete unit. No storage tank. Fresh water direct from the well. Capacity 350 gallons per hour. Equipped for $2.110 or 230 volts.
This outfit is operated electrically and is automatic. It will supply the entire house with fresh water, making your home strictly modern in this respect. Why tolerate annoying inconveniences when modern improvements cost so little, let us figure with you.

RED JACKET IRON EASY-TO-FIX PUMPS.
Prices quoted below are Pumps ready set in the well.

Fig. 28. Fig. 51.

PNEUMATIC WATER TANKS.
The Tanks from 30 x 14 and smaller have 5-16-inch-thick heads and 3-16-inch-thick shells, larger sizes have %4-inch-thick heads and %4-inch-thick shells. Every Tank is tested to 125 pounds of air pressure.
The water storage of the tank is about two-thirds of its total capacity.

Capacity Feet

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>10</td>
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<td></td>
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<tr>
<td>12</td>
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<tr>
<td>14</td>
<td>7000</td>
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<table>
<thead>
<tr>
<th>Water Gauge</th>
<th>$3.30</th>
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</thead>
<tbody>
<tr>
<td>Pressure Gauge</td>
<td>3.50</td>
</tr>
</tbody>
</table>

MYERS SELF-OILING BULLDOZER POWER PUMP—FOR PNEUMATIC PRESSURE SERVICE.
No. 610A. This pump has a capacity of 460 gallons per hour and is capable of producing 100 lbs. of pressure. It has a cog gear handle attachment which makes hand operation very easy. Also equipped with tight and loose pulleys for power operation. The self-oiling feature is very favorable.
Price. $35.00.

Hydraulic Rams.
For elevating water by its own pressure; a very economical means of supplying water to a storage tank, in cases where a natural water fall can be made available. These rams are constructed of iron and bronze and have always given entire satisfaction.

Fig. 28. Fig. 51.

HYDRAULIC RAMS.

Fig. 51.

W OOD STORAge TANKS.
Our Storage Tanks are made of carefully selected red gulf cypress. We avoid the use of upland or cheaper grades of cypress, and in getting Timber from us you can rely upon high-grade material and workmanship. Tanks are made with round hoops and draw lugs, which give more strength and which do not rust like flat hoops.

Fig. 1757.

No. 5 x 7.

FIG. 1757. MYERS COG-GEAR BRANCH-PIPE DOUBLE-ACTING FORCE PUMP FOR WELLS FROM 10 TO 150 FEET.
Fig. 1757. Will go in a 5% inch case well. Capacity, 440 gallons per hour; has a 6-in. brass-lined lower cylinder with glass valve seats, tapped for %4-inch pipe. Price, for 10 foot deep well, $17.00. $5.00 extra for S-way and windmill head.
Add $25e per foot for wells up to 26 feet deep.
Add $25e per foot for wells up to 60 feet.
Miscellaneous Farm Supplies

Rubber Roofing

The highest quality rubber roofing obtainable from the most reliable manufacturers is offered at the lowest possible 1922 prices. Write for latest quotations stating quantity wanted. We carry large quantities of 2 and 3 ply in stock and can make immediate shipment.

Asbestos Liquid Roofing

Guaranteed for 10 years. This roofing is a heavy liquid which thoroughly seals every hole and makes a leak impossible for at least ten years. It is made of asbestos fibre and contains no coal tar products and therefore is not injurious to metal. Not affected by summer heat, is absolutely fire proof and may be used on any roof. The economy of Asbestos Liquid Roofing is plainly shown by the following comparison between two jobs on the same roof.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 gal. quality roof point</td>
<td>$1.50</td>
</tr>
<tr>
<td>8 hours @ 60c</td>
<td>4.00</td>
</tr>
<tr>
<td>Total expense of job which lasted 2 years</td>
<td>$8.50 or $4.25 per yr.</td>
</tr>
<tr>
<td>5 gal. Asbestos Liquid Roofing</td>
<td>$2.75</td>
</tr>
<tr>
<td>16 hours @ 60c</td>
<td>8.00</td>
</tr>
<tr>
<td>Total expense of Asbestos job lasting 10 years</td>
<td>$21.75 or 2.18 per yr.</td>
</tr>
<tr>
<td>A total saving of $20.70.</td>
<td></td>
</tr>
</tbody>
</table>

Corrugated Iron Roofing

Heavy galvanized iron corrugated roofing is always carried in stock in all the standard sizes. Price subject to change. $6.00 per square (100 sq. ft.).

Simplicity Gasoline Engines

The Simplicity is strictly a Standard Machine both in principle and detail, being designed and built according to the very best standard gas engine practice. In the design and development of these engines only the simplest and most direct principles are used; all complicated or delicate parts being avoided, because they invariably lead to trouble and expense. Practically all the working parts are in plain sight and easy to get at for adjustment. These engines have given entire satisfaction for 21 years and we have thoroughly convinced ourselves of their merits before offering them to our trade.

Made in all sizes from 1/2 h. p. to 16 h. p. and every one equipped with magneto. Let us send an illustrated folder describing the Simplicity and giving the latest prices.

Western Electric Light and Power

The high cost methods of supplying light by kerosene and acetylene have proven entirely unsatisfactory in the face of modern science and invention, and a better device making a happier and more convenient home is now ready to replace the old methods.

Electricity is just as available to you—no matter if your farm is miles from a power house—as it is to the man in the city. You need only install Western Electric Light and Power and you will have plenty of both. Then you can not only light your home, barn, and grounds with Electric Light at less cost than any other means of illumination, but you can enjoy all the benefits of Electric Power.

These outfits are furnished with or without gasoline engine but both types are equipped with the famous Western Electric Automatic Regulator.

We strongly recommend Western Electric Light and Power outfits above all others because:

Upon comparison, we have found them the most durable and dependable.

The Western Electric Co. is an old reliable firm; in business to stay, and unequalled in giving service.

Western Electric prices are lowest, quality considered. Your request for full information and latest prices will result in a brighter and more modern home for you and another well pleased customer for J. Manns & Co.

Washing Machines


No human being should be employed at a task which can be done as cheaply and as well by a machine. This applies to washing clothes as well as pumping water, grinding feed, or sawing wood. Our line of washing machines is complete, ranging in price from $14.00 up. In every case we have selected machines which are well made from first class materials and designed to do the work most efficiently. Latest prices on application.

Cider Mills and Wine Presses

These mills and presses are substantially made and mechanically perfect, so constructed as to get the largest possible amount of juice out of the fruit. The mills have adjustable rollers and feed regulators; the lower rollers being cast with alternate arms and interlocking grooves which liberate every particle of juice. The presses are equal to the mills in quality of material and workmanship and are very efficient. We shall be pleased to quote latest prices.

Space does not permit us to list our complete line of IMPLEMENTS AND POWER MACHINERY, and we therefore suggest that those interested in these items will find it advantageous to communicate with us before purchasing.
A mixture that has been formulated after hundreds of trials and many years of experience.

The various grasses included are accurately proportioned and especially selected to best suit the changing seasons, resulting in a lawn that retains its beauty perpetually. Plant in the early spring or fall. Price per lb., 50c, subject to change. Quantity price on application.

Pansy—Manns' Large Parisian Mixed—See page 43.
Manns’ Superior Grandiflora and Superb Spencer Mixtures

Consist of the best named varieties of each type specially selected for their striking beauty, flowering qualities and vigor. For descriptions and prices see page 44.

J. MANNS & CO., Everything for the Farm and Garden BALTIMORE, MD.