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The LOHRMAN SEED CO.

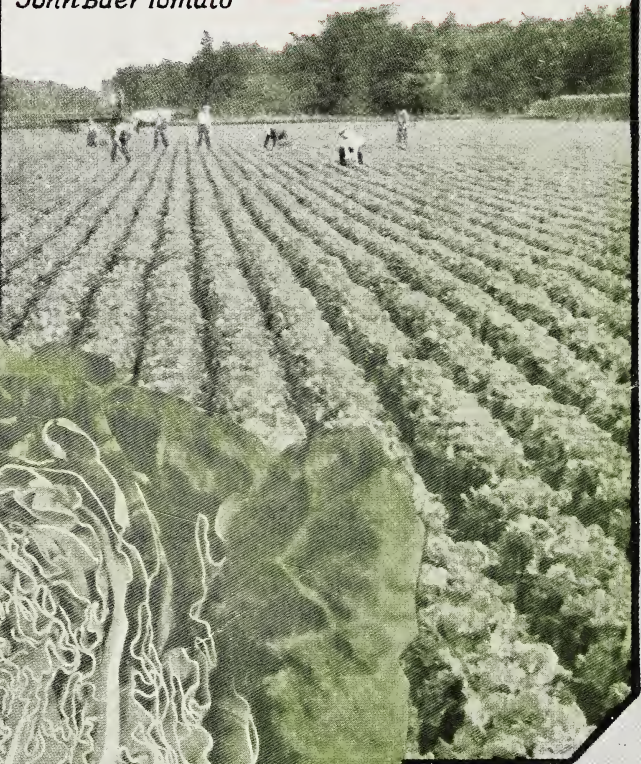


SEED GROWERS and MERCHANTS

*Brush and Macomb St.
Eastmarket Branch
1340 Napoleon St.*

DETROIT, MICH.
1924

*Lohrman's
John Baer Tomato*



*Lohrman's
New York Lettuce*

A.B.M.CO.

Wizard Sheep Manure

A Natural Fertilizer

Wizard Sheep Manure is a natural fertilizer that supplies both the plant food and humus your soil needs for nature to work with. Experienced gardeners use all the manure they can get, because of the life and fertility it puts into the soil. Sheep manure is the richest and best of all animal manures, and Wizard Brand genuine sheep manure gives you the equivalent of a whole wagon load of stable manure—in a bag.

For Lawn Making

Wizard Sheep Manure is the most effective of all lawn fertilizers. It promotes a strong, healthy turf of beautiful color—is easily applied by anyone, and brings no weed seeds. Use 10 pounds for each 100 square feet, scattered one-half before spading and the remainder immediately after. Rake down to a finely pulverized surface before seeding. This process will produce surprising results. An old lawn should have a dressing of 6 to 8 pounds of Wizard to each 100 square feet, to start new life and new color and beauty in your lawn.



GENERAL INFORMATION

Over forty years' experience in growing and selling seeds has given us a thorough knowledge of all the requirements and details of the business, and those who entrust their orders to us may feel every confidence that they will have intelligent and careful attention.

Our local trade is a very important branch of our business and we give it careful attention. We are in a position to furnish practically everything needed in Flower, Vegetable or Farm Growing.

Our Clerks are courteous and know their business—being ready at all times to wait on you satisfactorily and to answer inquiries intelligently and cheerfully.

When making your first annual purchase, be sure to leave your mail address, so we can place our next Catalog in your hands promptly.

Gardeners' and Head-Farmers' Situations. We frequently have on file the names of practical gardeners and farm managers in want of situations. If parties desiring such will write us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

Our Mail Order department receives careful attention and we are prepared with every facility for giving the best service.

The safest ways to remit are by Post Office or Express orders, Registered Letter, or Bank Draft. For small amounts Postage Stamps will be accepted.

Parcels Post. Seeds and Bulbs can be sent by Parcels Post, very cheaply and safely. Our catalog price includes prepayment of Postage by us on Packets, Ounces, Quarter-Pounds and Pounds to any place in the United States.

By Express. Seeds, Bulbs and Plants are now entitled to Special Express Rates, which are considerably lower than rates on General Merchandise. We advise shipping by Express unless goods are too heavy.

By Freight. We deliver all shipments to Railroad Depots, and Boats free of charge—customers paying only actual freight charges.

Information cheerfully given. We make a specialty of giving, by letter, any information our customers require in Gardening Matters. Do not hesitate to call on us.

We Cannot Guarantee the Well-Doing of any seeds, plants or bulbs we send out, having no control over conditions—therefor:

Lohrman Seed Co. gives no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, plants or bulbs they send out and they 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.

SPECIAL REQUEST. Our business has grown to such an extent, we make the suggestions that, if possible, you will use the enclosed Order Sheet in making a list of your requirements, and either mail to us or leave at our store to be filled. This plan will insure the very best attention being given your order, and will save you time and patience when our store is crowded. We will have the necessary number of special clerks to put up your seeds, and they will make every effort to have your order filled and ready for you when you call. If you are not familiar with the best varieties, we shall be glad to make the selection for you if you will state which kinds of Vegetables or Flowers you desire.

Brush and Macomb Sts., Detroit, Mich.

LOHRMAN SEED CO.

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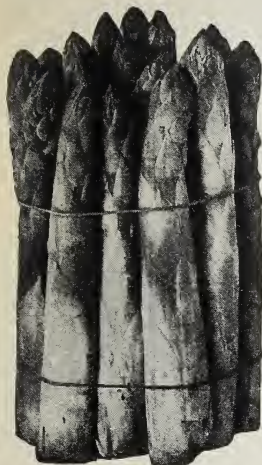
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Lohrman's "SUCCESS" Vegetable Seeds

In the following pages, alphabetically arranged, we list only the cream of all the varieties of vegetable seeds which by actual test have proven themselves worthy. In making tests of seeds we have thrown out many varieties, that have been superseded by better ones. From good seeds only can good crops be grown, and you should never risk planting an inferior grade of seed. It has oftentimes been said that in addition to planting good seeds, good gardeners are also necessary in producing a satisfactory crop. Seeds of the best quality sometimes fail through improper treatment, sowing the seeds too deep or too shallow, or in too wet or too dry soil. Some seeds will germinate rapidly if sown at a certain temperature, while others if sown under the same conditions are apt to decay. For these reasons we cannot of course guarantee or be responsible for a crop, as success is dependable upon natural causes, which are beyond human control.

Market Growers—Inquire For Prices in Large Quantities.



Palmetto Asparagus.

Asparagus

The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizer; a moist, sandy loam is best. Set the plants about four inches deep. **PALMETTO.** An early green variety, prolific, and very good quality. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

Asparagus Roots

(Two-year old.)
Can be supplied in early spring. Per 100, \$1.50; per 1000, \$10.00.

Brussels Sprouts

One ounce of seed will grow from 1,500 to 2,000 plants. Brussels Sprouts is a delicious vegetable producing miniature heads from each side of the center stalk. Sow the seeds middle of May in seed bed, transplant and cultivate same as cabbage. Crop is hardy and improved by frost. One plant will yield from one to two quarts of heads. **BEST ENGLISH.** Plants grow about two feet high, are thickly set with good size "sprouts." Ready for table in 110-120 days. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75. **IMPROVED HALF DWARF.** Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

Lohrman's Selected Beans

One quart of seed will sow 100 feet of drill, two bushels to the acre. The seed should not be planted before the ground becomes light and warm, in favorable seasons usually about May first. Have the soil well worked, rich and mellow, scatter the seeds about three inches apart in drills 2 feet apart, and cover them 2 inches deep. Successive sowings made at intervals of 15 days until August 15th to 20th will give a plentiful supply of beans through the summer.

Dwarf Butter or Wax Podded Varieties

GOLDEN WAX. This is one of the earliest and best dwarf beans for the home market and private gardens. Pod is semi-round, yellow, of good quality, and has no string. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00

PROLIFIC BLACK WAX. An old standard Black Wax Bush Bean. The pods are round, brittle, and a beautiful golden yellow. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00.

WARDWELL'S KIDNEY WAX. Hardy and productive. Pods long, broad, thick, flat, and of delicate waxy yellow. The plants are strong growing and bear their pods well up from the ground. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00.

DAVIS WHITE WAX. This bean is very often used in a dry state for cooking. The dry bean is kidney-shaped and white in color. Pods are long, meaty, and flat in shape. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00.

HODSON WAX. One of the most prolific of wax beans. Vines very vigorous, free from blight. Pods tender, fleshy, of a creamy yellow color. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00.

PENCIL POD WAX. Round, bright yellow pods six inches long. Black seed. This variety is very hardy and medium early. Stringless. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00.

SURE CROP STRINGLESS WAX. Very early, vigorous, productive, and free from disease. Pods rather flat. Black seed. Highly recommended. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$21.00.



Golden Wax Beans.

Beans Green Podded Varieties

The Green Podded Beans are as a rule more productive than the Wax or Yellow Pod varieties, besides being less sensitive to unfavorable conditions of soil and climate, and of late years less susceptible to bean diseases. Write for prices on quantities.

BOUNTIFUL. Very early, hardy, prolific. Continuing in bearing for several weeks. It is an ideal snap bean, rich, tender, and entirely free from strings. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.

EXTRA EARLY RED VALENTINE. One of the most popular and early beans; usually ready to pick in 35 days from time of planting. Vines are erect, pods very fleshy, crisp, and tender. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.

BURPEE'S STRINGLESS GREEN POD. Most desirable for the home garden. The earliest and at the same time the hardest of all green-podded sorts, producing large, handsome pods, some of which measure fully six inches in length. The pods are round, straight, brittle, tender, of the finest flavor, fleshy, and positively stringless. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$22.00.

ROGERS' STRINGLESS REFUGEE. Very hardy, and for this reason a great favorite for July planting; fine in fall for pickling. The pods are long, cylindrical, green and of the best quality. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$21.00.

EARLY MARROW PEA or NAVY. The well known navy bean. The vines are vigorous and upright in growth, bearing great clusters of large, well-filled pods. No other navy bean approaches it in yield or marketing qualities, for this bean always finds a ready sale. Pkt., 10c; lb., 20c; 5 lbs., \$1.00; 100 lbs., \$12.50.

BURPEE'S BUSH LIMA. The best bush Lima. Very productive and of excellent quality. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$27.50.

Pole or Running Varieties

After warm settled weather, set poles 4 to 8 feet long in rows north and south 4 feet apart, the poles being 3 feet apart in the row, and set leaning to the north at an angle of 35 degrees. Around each hill plant from 5 to 8 beans two inches deep. When well started thin to four plants. One pound of seed to 100 hills; 20 to 30 pounds to the acre, according to the size of the seed beans.

KENTUCKY WONDER. A green-podded Pole Bean. Vine vigorous, climbing well and very productive, bearing its pods in large clusters; blossoms white; pods green, very long, often reaching nine or ten inches, nearly round when young and very crisp, becoming very irregular and spongy as the beans ripen. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$25.00.

KENTUCKY WONDER WAX. The best pole wax bean for Northern planting. It is similar in habit of growth to Kentucky Wonder Green Pod and bears as early. Pods are golden yellow, very thick, fleshy, and of delicious flavor. A heavy yielder. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$25.00.

SCARLET RUNNER. The bean of our grandmother's garden. Noted for the beauty of the dazzling scarlet flowers, but most delicious both as string and shell bean. Pkt., 10c; lb., 50c.

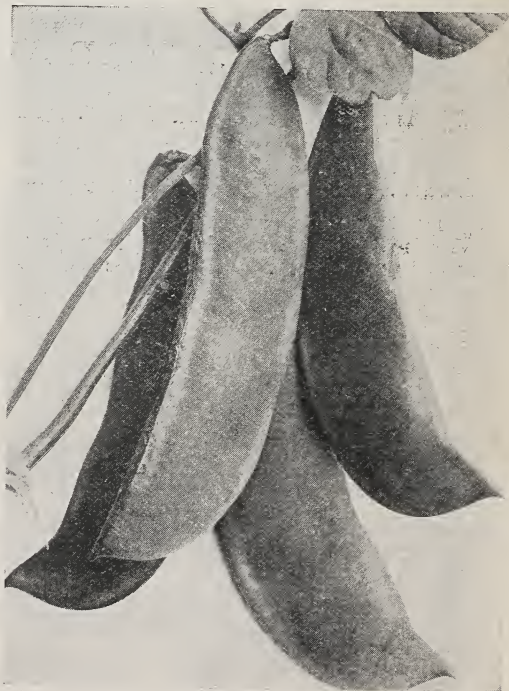
SIEBERT'S EARLY LIMA. The most popular lima. The bean is very vigorous and productive, bearing throughout a long season; pods large and easily opened, containing 3 or 4 large tender beans of excellent quality. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$22.00.



Bountiful Bush Beans.



Kentucky Wonder Pole Beans.



Siebert's Early Lima Beans.

The Use of Lohrman's Seeds
Is Your Assurance of
Crop Success

LOHRMAN'S

Choice Table Beets

Culture.—Beets, like all root crops, thrive in a deep, rich loam. Plant in drills eighteen inches apart, thin to two or three inches in the row. The ground should always be freshly prepared for best seed so that the seed will come in contact with the fresh soil, then press the soil down firmly over the seed. If weather is dry, good results can be had by soaking the seed in warm water over night.

LOHRMAN'S EGYPTIAN. This is the earliest and best bunching beet for market gardeners. It is deepest red, almost black in color, and is of much finer quality than the Egyptian, being sweeter, smoother, and more tender. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.

CROSBY'S EGYPTIAN. A desirable extra early sort; valuable for forcing; very popular with market gardeners. The top is small, leaves are dark green mixed with red, leaf stems and veins dark red. Flesh dark red. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

DETROIT DARK RED. This is the very best beet for the market and home garden. The quality is good, sweet and tender; deep red color; roots are turnip-shaped, with small tap roots. This is the most desirable beet for canning. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10.



Lohrman's Egyptian Beet.

Swiss Chard or Spinach Beet

This fine vegetable gives large returns for little care; it yields a constant crop from July until winter. Sow early in spring in rows 16 inches apart, and thin out to 6 inches apart in the rows. Try this splendid vegetable and you will always plant it. An ounce or two of seed is sufficient for the family garden. **SILVER LEAF.** Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 25c; lb., 85c.

Mangel Wurzel

Mangel Wurzel, also called Stock Beet, is a very large beet, growing mostly above ground. Plow deep for this crop and in May or June plant mangel seeds six to the foot in two and three foot rows, thinning later. One ounce will sow 100 feet of row; 5 or 6 lbs. to the acre.

MAMMOTH LONG RED. Very large, excellent for stock feeding. $\frac{1}{4}$ lb., 15c; lb., 45c.

GOLDEN TANKARD. The tops are small, with the leaf stalks and veins distinctly tinged with yellow. The roots are large, color light grey above ground, deep orange below. $\frac{1}{4}$ lb., 15c; lb., 45c.



Swiss Chard.



Golden Tankard Mangel Wurzel.

Sugar Beets

FRENCH WHITE SUGAR RED TOP. This sort is the most largely grown for stock feeding in Europe, where the superior feeding value of sugar beets over the coarse mangel wurzel is generally recognized. $\frac{1}{4}$ lb., 15c; lb., 50c.

GIANT FEEDING SUGAR BEET or HALF SUGAR MANGEL. By skillful breeding there has been developed in Giant Feeding Sugar Beets a sort much more valuable for feeding purposes than the old sorts of mangels. Keeps better and is in every way most valuable to the farmer. Roots large, oval in form, with small top. $\frac{1}{4}$ lb., 15c; lb., 45c.

USE OUR EVERGREEN LAWN SEED
AND
LAWN FERTILIZERS
FOR
SATISFACTORY RESULTS

Lohrman's Cabbage Seed

Culture.—Start your early crop in hotbed in middle of February. Cover seed about one-half inch. Transplant to cold frames soon as plants are large enough, 3 to 4 inches each way. Remove glass part of each day to harden plants and plant out in open about middle of April. For general crop sow in open ground late May in hills three feet apart.

Seed can also be started in the house in boxes during February where hotbeds are not available. Treat as described above. Cabbage requires good rich soil and thorough cultivation. One ounce will produce about 2000 plants.

EARLY JERSEY WAKEFIELD. A favorite early variety for both market gardeners and general use. Head is very compact, medium size, pointed in shape; the standby for the main crop of extra early sorts. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.75.

COPENHAGEN MARKET. The heads average about eight pounds each in weight, are very solid, with small core, and of fine quality. It matures as early as Charleston Wakefield, and will give a much heavier yield per acre than that popular variety. The plant is short-stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.00.

GOLDEN ACRE. New. Of Copenhagen Market type, this recent introduction is larger, has fewer outer leaves and is about ten days earlier. In sections where it has been tried out, it has proven to be a very valuable type. We recommend this new variety very highly. Pkt., 10c; $\frac{1}{2}$ oz., \$1.00; oz., \$1.50; $\frac{1}{4}$ lb., \$5.00; lb., \$16.00.



Copenhagen Market Cabbage.

Carrots

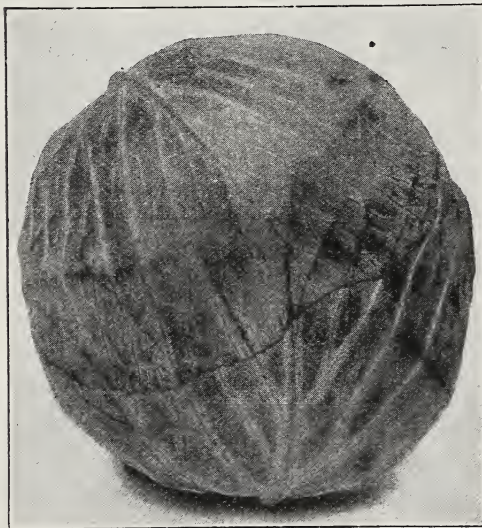
Carrots do best in a warm, deep, light and fertile soil or on a strong loam having been in clover and broken the year before.

EARLY SCARLET HORN. Coreless. Fine bunching carrot. Favorite for early crop. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

CHANTENAY. An ideal medium early stump-rooted carrot, smooth and uniform in shape, averaging five inches in length with thick heavy shoulders, rather large tops, color a deep orange. It is an excellent variety for both early and late sowing; of excellent quality. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

GUERANDE or OXHEART. Roots are broad at the top, terminating abruptly in a small tap root. On account of this shape, they are very easy to dig up. Flesh is a bright orange finely grained and very sweet. Length five to six inches, three to four inches in diameter. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

DANVERS HALF LONG. Sweet and tender; undoubtedly the best market variety. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.



Golden Acre Cabbage.

PREMIUM LATE FLAT DUTCH. The heads are of bluish green color, flat on top, solid and large. Has no useless outer leaves, and grows low with short stem. It cuts white and crisp. The flavor is excellent, with no stringiness. This strain is slightly earlier and quicker growing than most of the Premium Flat Dutch that is offered and is quite free from a tendency to burst. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

MAMMOTH RED ROCK. The largest and most reliable heading red cabbage yet introduced; round and solid heads of deep red color. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.25.

SAVOY, IMPROVED AMERICAN. For winter use, this variety is unsurpassed; heads large and solid; very tender and of excellent flavor. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

SHORT-STEMMED HOLLANDER or DANISH BALL HEAD. Quite a distinct sort. Plants medium long stemmed, but compact; leaves very smooth. The hardest cabbage in cultivation; endures both frost and drought that would destroy other varieties. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.75.

PE-TSAI or CHINESE CELERY CABBAGE. This variety does not form a cabbage head, but when grown its full size resembles Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked, and the flavor is delicious, being very mild. Sow seed after June first and give plenty of room to the plants. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.



Chantenay Carrots.

Cauliflower

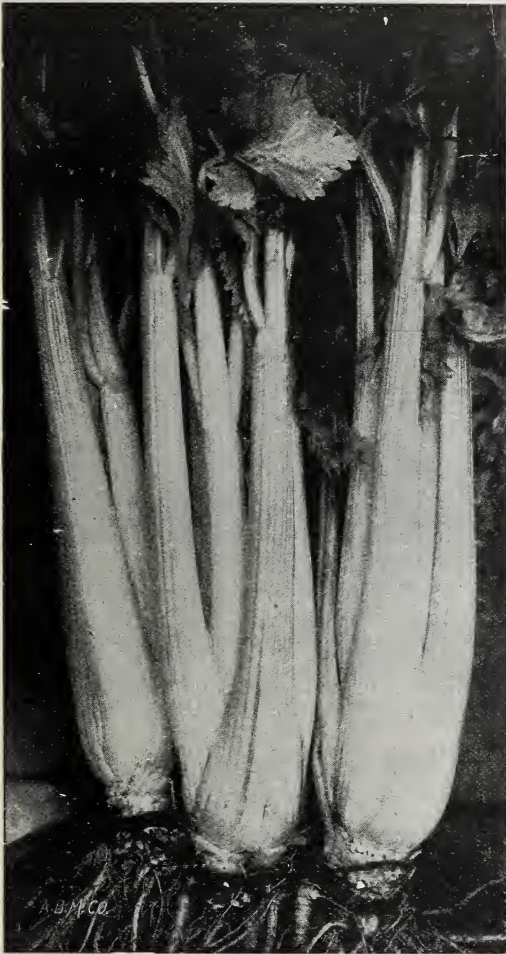
For earliest cauliflower, raise plants by sowing in hotbed in February or March, and transplant to cold frames two or three inches apart. Set out in open as soon as the ground can be worked in spring. It requires very much the same treatment as cabbage, only it is not quite so hardy and needs more water and more cultivation.

EXTRA EARLY SNOWBALL. This is the most popular with market gardeners and is grown by them more than all other varieties together for forcing or for wintering over in cold frames for extra early crop. Very early and one of the surest to head. Pkt., 10c; ¼ oz., 75c; oz., \$2.75; ¼ lb., \$7.50.

EXTRA EARLY DWARF ERFURT. This is a very reliable and popular variety when our select seed is used. We handle only the best seed grown. Heads very white, compact, and close. Pkt., 10c; ¼ oz., 75c; oz., \$2.75; ¼ lb., \$7.50.



Extra Early Snowball Cauliflower.



Golden Yellow Self-Blanching Celery.

Chicory

LARGE ROOTED. The roots are cut in thick slices, then roasted and used as a substitute for coffee. In spring the leaves make a nice salad. Usually planted mid-summer or early fall so that roots are not lifted until danger of severe frost. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

WITLOOF or FRENCH ENDIVE. Sown in May and June in drills. Transplant or thin to six inches. Treat as Endive, except that late in summer or fall it should be gradually banked up like celery. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

Chives

ALLIUM. An onion-like plant used as a salad and for flavoring soups. The plants grow about three inches high. One sowing will last about three years. Pkt., 10c; oz., 75c; ¼ lb., \$2.25.

Celery

Celery seed is slow to germinate, and when the plants are wanted early seed should be sown in hotbeds in March and April; barely covering the seed. When the plants are large enough transplant to cold frames, one and one-half inches apart. When the weather is suitable transplant into the open ground. This should be done early in June. Do not cultivate, hill, or disturb celery in wet weather as this may bring on rust. Celery matures best in cool moist weather.

GOLDEN YELLOW SELF-BLANCHING. Ready for use nearly as early as White Plume. Blanches as easily and is larger in size as well as finer in quality. Pkt., 10c; oz., \$1.00; ¼ lb., \$2.75; lb., \$9.50.

WINTER QUEEN. A medium tall solid variety. Heart is creamy white and very full. An excellent keeper. Oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

CELERY SEED FOR FLAVORING. Oz., 10c; ¼ lb., 25c; lb., 50c.

Celeriac

Or Turnip Rooted Celery.

LARGE SMOOTH PRAGUE. An improved variety of Turnip-rooted Celery, producing large roots of nearly globular shape, and comparatively smooth surface. Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.50.



Chicory.

Chervil

The seed of curled chervil may be sown in well prepared ground at any time during spring. The rows should be about one foot apart and the plants cultivated like parsley. The leaves are aromatic and used for seasoning.

CURLED. Crisp and very curled. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

Collards

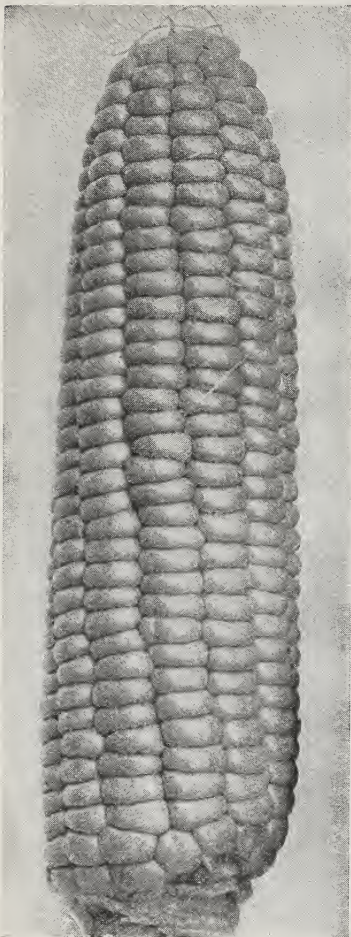
Culture. Sow and cultivate same as late cabbage. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. One ounce will produce about 3,000 plants.

GEORGIA CREOLE or SOUTHERN. Cabbage greens, used as a substitute for cabbage. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c.

Lohrman's Sweet Corn

Culture.—Use deep rich soil. Plant for succession of crop every three weeks when the ground becomes warm and mellow, usually early in May. Plant in hills three feet apart each way. Six seeds to each hill. Cover half an inch when you thin out to three plants. One quart will plant 200 hills, 8 quarts will plant an acre.

MAMMOTH WHITE CORY. Succeeds well where the seasons are short. Extra large with pure white kernels. Very sweet. Pkt., 10c; lb., 25c; 5 lbs., 80c; 100 lbs., \$11.00.



Golden Bantam.

Cress

As early in spring as the ground can be worked sow the seed in rich well prepared soil, in shallow drills about sixteen inches apart. When the plants are well started thin 4 to 6 inches apart in the row. For succession plant every 2 weeks, thinning out as required for use.

CURLED or PEPPER CRESS.

The leaves are much frilled or curled, and are used for garnishing. Also desirable with lettuce, to the flavor of which its warm pungent taste makes a most agreeable addition. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

TRUE WATER. This is a distinct variety of cress with small oval leaves and thrives best when its roots and stems are submerged in water. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.

GOLDEN BANTAM. One of the sweetest and hardiest corns grown, can be planted at least a week earlier than others. It is a rapid grower, and when cooked is delicious. Of the richest, sweetest flavor. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$18.00.

BANTAM EVERGREEN. A cross between Golden Bantam and Stowell's Evergreen and a most excellent sort of fine quality. Ears 8 inches long and 12 to 14 rowed. Grain broad and deep, of a rich golden yellow color. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$22.00.

HOWLING MOB. A large, early variety. Grains very white, sweet and tender. A splendid sort for market or home garden. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$18.00.

EXTRA EARLY EVERGREEN. The ears of this new corn grow 8 inches long, are mostly 14 to 18 rows. This is a magnificent kind for market gardeners and for main crop in every home garden. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$18.00.

BLACK MEXICAN. The ripe grain is bluish black, but when in condition for table cooks white, and by many considered the standard for sweetness; desirable for family use. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$18.00.

STOWELL'S EVERGREEN. Popular sort. One of the best known and widely grown. Ears large with deep kernels of a rich sugary flavor. Valued for its keeping qualities. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$17.00.

COUNTRY GENTLEMAN. Unsurpassed for family use and the home garden. The cob is small with deep pearly milk white kernels full of sweetness. Ears are produced in great abundance, sometimes four to six to one stalk. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$22.00.



Stowell's Evergreen.

Pop Corn

WHITE RICE. The most popular of the varieties with the pop corn men and to be recommended above the other varieties. Pkt., 10c; lb., 15c; 100 lbs., \$10.00.

Corn Salad or Fetticus

Corn salad is used during the winter and early spring as a substitute for lettuce, and is also used like spinach. In warm weather the plants will mature in four to six weeks. Sow the seed in shallow drills about one foot apart, and must be sown in very rich soil. The plants will also do well if the seed is sown very early in spring.

LARGE SEEDED, LARGE LEAVED. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Country Gentleman.

Cucumbers

Culture.—Sow in the open ground as soon as weather is warm and settled. Sow seed one-half inch deep in the hills. The hills should be 4 to 6 feet apart and each hill enriched with well-rotted manure.

For pickles sow from middle of June to first week of July. When plants are well up thin out. Striped bugs readily attack the young plants. Use infusion of Hellebore powder to kill them.

EARLY WHITE SPINE. Improved strain. An excellent variety of light green color, with white spines; crisp, and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

EXTRA LONG or EVERGREEN WHITE SPINE. Unexcelled in table quality. The flesh is unusually thick and seed space extremely small. Flavor is unsurpassed and meat is white, firm, and crisp. Vines are of vigorous growth with large, heavy foliage. The color is a rich, dark green. Size 10 to 12 inches in length, always straight, and never turns yellow. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

IMPROVED LONG GREEN. Long, dark green variety of good standing. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

CHICAGO PICKLING. A variety esteemed and grown extensively for the large pickling establishments on account of its superiority as a pickling cucumber. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

DAVIS PERFECT. This cucumber is perfect, combining quality, shape, color, and productiveness. The cucumbers grow long and slim, sometimes measuring 12 inches in length, and the color is a rich, dark, glossy green. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

KLONDIKE. This variety is one of the best for slicing. The color is rich green, and the fruits grow to a uniform size, about seven inches in length and two inches thick, when in condition to cut. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

JAPANESE CLIMBING. The vigorous vines of this variety throw out strong, grasping tendrils, which enable them to climb poles, trellises, wire netting or other suitable support. Pkt., 10c; oz., 15c; ¼ lb., 60c; lb., \$2.00.



White Spine Cucumber.

Dandelion

CULTIVATED or FRENCH COMMON. One of the earliest spring vegetables, much esteemed for a delicate salad. Sow seed in spring when soil is warm in rows a foot apart, one-fourth inch deep. The quality is much improved by blanching, which is easily done by covering over the plants with boards. Let the plants remain over winter. It is ready for cutting early the following spring. Pkt., 10c; oz., 50c; ¼ lb., \$1.75.

Egg Plant

Sow seeds in hotbed in April or May. Then transplant in cold frames and plant in open ground when weather becomes sufficiently warm in June or July. The soil can hardly be made too rich.

IMPROVED LARGE NEW YORK PURPLE. Plants large, spreading; fruit very large, oval; color a splendid dark purple. Plants usually ripen 4 to 8 large fruits. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.50.

BLACK BEAUTY. Earlier than Improved Large Purple but not so large. Plants remarkably healthy and productive. A very fine market sort. Oz., 60c; ¼ lb., \$1.75; lb., \$6.00.

Endive

Sow the seed in beds, covering lightly; transplant in rows about 18 inches apart. About two weeks before ready for use it is blanched by tying the leaves together with raffia or soft cord.

LARGE GREEN CURLED. The leaves are finely cut, giving the plant a feathery effect. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10.

EVER WHITE CURLED. A beautiful variety, with leaves as finely cut as Green Curled, but does not need tying up to blanch. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10.

BROAD-LEAVED BATAVIAN. Leaves are broad, thick, green, more or less twisted and wavy with white mid-ribs. It forms large hearts, which when blanched form one of the best winter salads. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10.

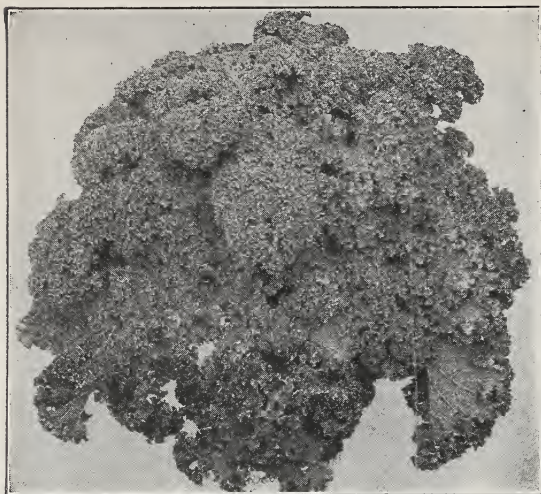


Improved New York Purple Egg Plant.

Best results
are
obtained
by the use of
Lohrman's
Cucumber
Seed



Green Curled Endive.



Dwarf Curled Scotch Kale.

Garlic Sets

This is extensively used in many places for flavoring soups, stews, etc. The sets should be planted early in spring. Cultivate like onions. Lb., 50c.

Kale or Borecole

Sow in May or June in shallow drills 10 to 12 inches apart. When large enough, transplant in single rows 2 feet apart each way. Frost improves the flavor.

DWARF CURLED SCOTCH. Extra fine curled bright green leaves, tender and fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10.

Kohl Rabi

One ounce will sow 200 feet of drill. One of the most useful vegetables for the autumn. It combines the good qualities of the turnip and cabbage. Sow seed in rows 18 inches apart, thinning out when large enough.

EARLY WHITE VIENNA. Delicate. Much prized for forcing. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.75.

Leek

Sow as early as the ground can be worked in the spring in rows one foot apart. Cover seed an inch deep. Transplant when the plants are five to six inches high in rows six inches apart. Plant as deep as possible that the neck, being covered may be blanched. Ground must be very rich. One ounce will sow 100 feet of drill.

MONSTROUS CARENTAN. A very large variety of superior quality. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50.

Lohrman's Superior Lettuce Collection

For earliest crops sow the seed in hotbed in February or March, transplant in sheltered rows with southern exposure. For successive crops sowings may be made in the open ground as early as spring opens, continuing well into July. Always thin out well or the plants will not be strong. When wanted as cut salad sow the seed thickly in rows or broadcast. One ounce will sow 150 feet of drill.

Curled Varieties

GRAND RAPIDS. Forms a loose cluster of leaves, which are bright green and crimped at the edges. Matures quickly; very crisp and tender. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

DETROIT MARKET GARDENERS FORCING. The heads of this favorite sort are large, solid, light green, beautifully curled; very crisp and tender. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

BLACK-SEEDED SIMPSON. One of the best for sowing in open ground, where an exceedingly tender leaf is desired, and for those markets which demand a very loose clustering sort. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



New York Lettuce.

Heading Varieties

MAY KING. If you want a very first early lettuce, plant May King. It is equally good for outdoor growing and forcing. The outer leaves have a slight brownish tinge, while the heart is a beautiful yellow. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

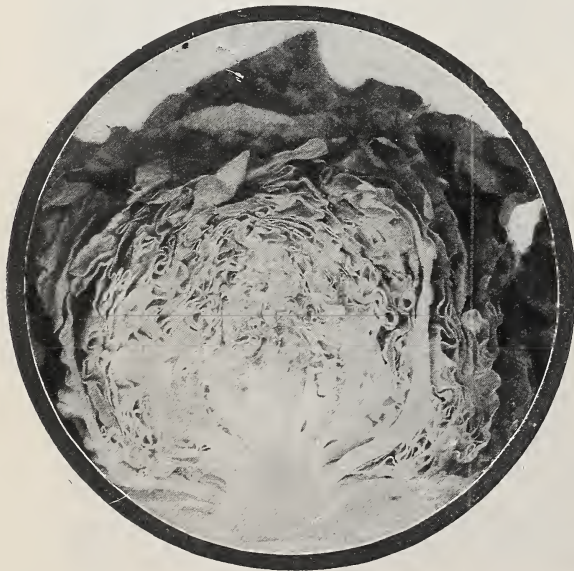
MAMMOTH BLACK-SEEDED BUTTER. Large, smooth-leaved head lettuce, forming very compact cabbage-like heads of thick, brittle leaves; the inner ones beautifully blanched, very crisp, tender and of fine flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

BIG BOSTON. This is the best variety either for the big market grower or the home gardener. The heads are large and blanch to creamy white. It is a sure header and stands a long time before going to seed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

WHITE SELF-FOLDING COS. (Romaine Lettuce.) One of the very best for summer use. It is self-folding with a beautiful creamy white heart. Butter flavor. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

NEW YORK. Leaves beautifully curled at the edges, crisp and brittle; bright green. Very solid; well-blanched. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75.

WAYHEAD LETTUCE. This variety shows a remarkable combination of earliness, firm heading character. The outer leaves fold tightly and are light green, while the inner leaves or heart blanch yellow. It is slow to shoot to seed and may be grown during the entire season. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



Big Boston Lettuce.

Muskmelons of Merit

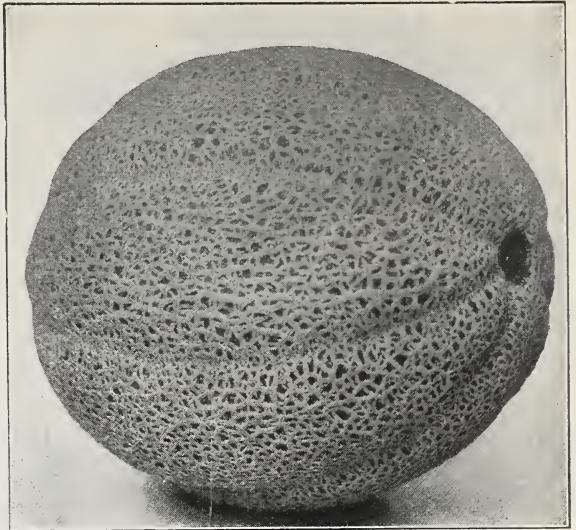
Do not plant until the danger of frost is past. Sow in hills six feet apart each way. Put 10 to 12 seeds in each hill and when well up thin out to two or three plants. Melons must have light, well worked, moderately rich soil. Pinch the ends of main stems, which will strengthen the vine and induce earlier and heavier fruiting. One ounce will give 50 hills.

Orange Fleshed Varieties

EXTRA EARLY OSAGE. It is one of the earliest and best melons grown. The oval fruit is dark green, slightly ribbed and grey netted. The flesh is a rich, orange salmon, very thick and small seed cavity. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

HEARTS OF GOLD. Most highly recommended for commercial or private growers. Vines are strong, vigorous and disease resistant. Melons are of convenient size, fine appearance, and the deep orange colored flesh is of delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

BENDER'S SURPRISE. A large round melon with very smooth skin. The flesh is pink of very fine quality and flavor. Oz., 15c; ¼ lb., 35c; lb., \$1.25.



Extra Early Osage Muskmelon.



Extra Early Hackensack Muskmelon.

OSAGE. Medium to large size, of excellent quality. Vigorous and productive. Fruits oval, dark green, slightly ribbed. Flesh salmon color, thick, fine grained, highly flavored. A favorite variety for the later market. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

Green Fleshed Varieties

EXTRA EARLY HACKENSACK. Melons grow to a large size, are deeply ribbed and covered with coarse netting. Skin green, turning yellow when melons mature, flesh green, very sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

NETTED GEM or ROCKY FORD. This is the most popular of all melons. It is very early and one of the best for the home garden. It is oval in shape, slightly ribbed, and covered with a coarse netting. The flesh is green in color, very sweet, and juicy, and solid clear to the rind. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

EXTRA EARLY KNIGHT. A very early variety of the green-fleshed oval type. Extremely productive and famous for its sweet spicy flavor. Good shipper. Oz., 15c; ¼ lb., 35c; lb., \$1.25.

Watermelons

Culture is the same as for muskmelons, but place the hills eight to ten feet apart. One ounce will plant 30 hills.

KLECKLEY'S SWEET. This variety is more widely used for market and home garden than any other kind. Often reaches 22 inches in length and 40 pounds in weight. Skin dark green, flesh bright red, seeds white. Medium early. Highly recommended. Oz., 15c; ¼ lb., 35c; lb., \$1.00.

PEERLESS. One of the best early melons. Vine moderately vigorous, hardy, and productive. Fruit medium size, oval, bright green, finely veined with a darker shade. Flesh bright scarlet, crisp and very sweet. Rind thin; seeds white. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

HARRIS EARLIEST. An extra early melon of excellent quality. Fruit large for an early variety, oblong, broad stripes of light and dark green. Flesh bright red, tender and sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

CITRON FOR PRESERVES. Fruit round and smooth. Is not eaten raw, but is used for making a very clear, transparent preserve of peculiarly fine flavor. Flesh white and solid. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.



Sweetheart Watermelon.

Mushrooms

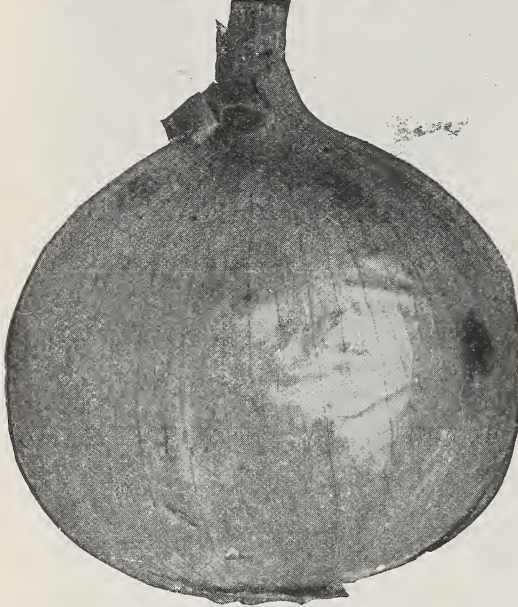
Mushrooms can be grown wherever there is a cellar or a closed shed, in which an even temperature of from fifty to sixty degrees can be maintained and where a plentiful supply of fresh horse manure for making the beds can be obtained. **PURE CULTURE SPAWN.** Per brick, 35c.

Mustard

Delightful for imparting a pungent flavor to salads, sandwiches, etc. Sow at frequent intervals one-half inch deep in drills 8 inches apart. One ounce will sow 75 feet of drill. **WHITE ENGLISH.** Leaves are mild and tender. Excellent for salad. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c. **SOUTHERN GIANT CURLED.** Extensively used as a spring salad and for greens. Leaves light green; much crimped and frilled. Seed small, reddish brown to nearly black. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.



Southern Giant Curled Mustard.



Yellow Globe Danvers Onion.

YELLOW GLOBE DANVERS. A standard sort which grows to a large size. The bulbs are large and globular, with very thin necks; rich orange yellow color. Flesh white and mild. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

LARGE YELLOW DUTCH or STRASBURG. One of the oldest varieties. Bulbs quite flat and of good size; skin yellow; flesh white, of mild flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

LARGE RED WETHERSFIELD. This is one of the best and hardiest of all onions. It will

grow firm seed to full size the first season, and the onions are large, flat in shape, rather strong flavored, and an excellent keeper. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.60.

PRIZETAKER. This is the large pale yellow onion that is offered for sale in the fruit stores in the fall and sold as Spanish onions. An excellent keeper. Grows to an enormous size. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

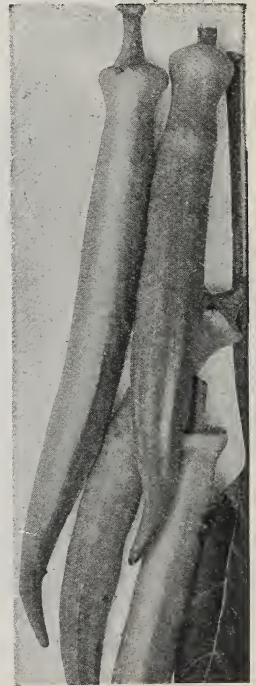
WHITE PORTUGAL. One of the leading white sorts. The bulbs are flat in shape, and mature early. Extensively grown for pickling onions. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

WHITE GLOBE. Pure white color, and of very mild flavor. Also as good for keeping as the Yellow Globe. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

WHITE QUEEN. Used to produce pickling onions. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

Okra or Gumbo

The green pods are delicious for soups. Sow during May in drills three feet apart and thin out later to 10 inches in the row. One ounce will sow 40 feet of drill. **WHITE VELVET.** Pods round, smooth, white and tender. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

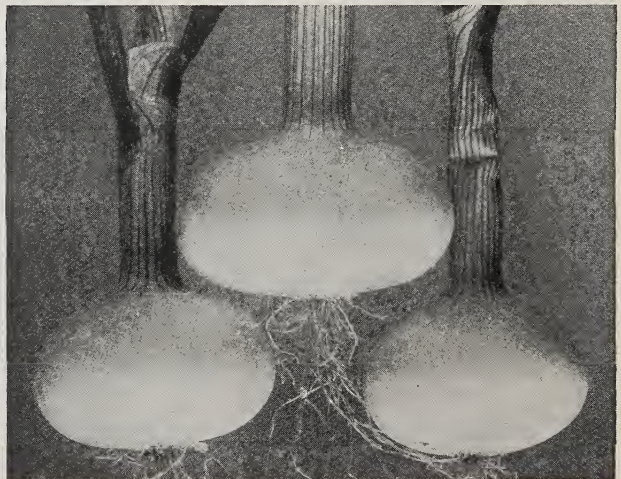


White Velvet Okra.

Onions

Onions must have clean and very rich soil. A liberal use of manure is more essential to this than any other crop. It should be of the best quality, well fermented, and thoroughly worked over during the previous summer. Get the seed in as early as possible in the spring. Sow in drills not less than a foot apart nor more than half an inch deep. Keep the soil mellow and clear of weeds. In cultivating do not cover the young bulbs with earth. One ounce will plant 100 feet of drill, or five pounds per acre.

MICHIGAN YELLOW GLOBE. The finest of the Yellow Globe onions. It is distinguished by its attractive shape and uniform bright even yellow color. A superb onion for all classes of soil and an excellent winter keeper. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.



White Portugal Onions.

The Use of Lohrman's
Seeds Is Your Assur-
ance of Crop Success.

Parsley

Used for garnishing and seasoning soups, meats, etc. Sow thickly in rows one foot apart and one inch deep, pressing down well after sowing. When well up thin to six inches apart. As Parsley will live through the winter, seed may be sown in the autumn for spring use.

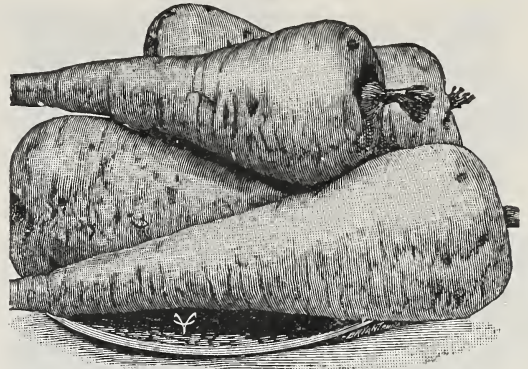
CHAMPION MOSS CURLED. A very fine curled variety. One of the most handsome for garnishing purposes. The nice green curled leaves make it desirable. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

HAMBURG or ROOTED. The fleshy root resembles a parsnip. The leaves are used for soup, greens, and the roots are delicious when sliced. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

PLAIN or SINGLE. Leaves flat, deeply cut, but not curled. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

Parsnips

Sow as early in the spring as the weather will permit in drills 18 inches apart and 1½ inches deep, in a deep rich soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. For a winter and spring vegetable, parsnips are both appetizing and healthful. One ounce of seed for 200 feet of row, 5 pounds per acre.



Hollow Crown Parsnips.

HOLLOW CROWN or GUERNSEY. The old standard and one of the best for general use, long, smooth, tender, and sugary; very hardy. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., 60c.

Best Northern Grown Seed Peas

For early crops sow as early in spring as possible, then sow every two or three weeks apart for a succession throughout the season well into August. Plant in single rows or double, 4 feet apart and 2 inches deep. In dry weather soak the peas over night before planting. One quart of peas will plant 100 feet of drill.

FIRST AND BEST. This is one of the smooth-seeded varieties. Early, productive and very hardy, 2½ feet high, with a strong, vigorous vine, which is light in color and uniform in growth. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$15.00.

EARLIEST OF ALL or ALASKA. Vines of medium height. Pods good size, well filled. Seed small, bluish green and good flavor. Crop matures evenly. Very early. Pkt., 10c; lb., 25c; 5 lbs., \$1.00; 100 lbs., \$18.00.

GRADUS or PROSPERITY. This splendid variety combines the finest quality with earliness and is very productive. Grows vigorous and healthy; vines are about 3 feet in height, bearing pods fully as large as Telephone, filled with beautiful dark green peas, which retain their color after being cooked. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$19.00.

AMERICAN WONDER. On account of its dwarf habit it is very desirable for the home garden. Pods are light-colored, straight, round, about 2½ inches long and blunt at the end. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.

NOTT'S EXCELSIOR. An improvement on American Wonder, being fully as early and the pods are larger. Height, 14 to 18 inches. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.

LAXTONIAN. 15 to 18 inches high. Very large pods, similar to Gradus in shape. Quality splendid. Highly recommended. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.

McLEAN'S LITTLE GEM. The vines are dwarf and produce an abundance of round, well filled pods, 2½ to 3 inches long; only three days after American Wonder. Peas are green, wrinkled, of sweet delicious flavor. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.

LITTLE MARVEL. The vines grow about 18 inches high and have beautiful dark green foliage. Heavy cropper, with small, blunt, dark green pods. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$18.00.

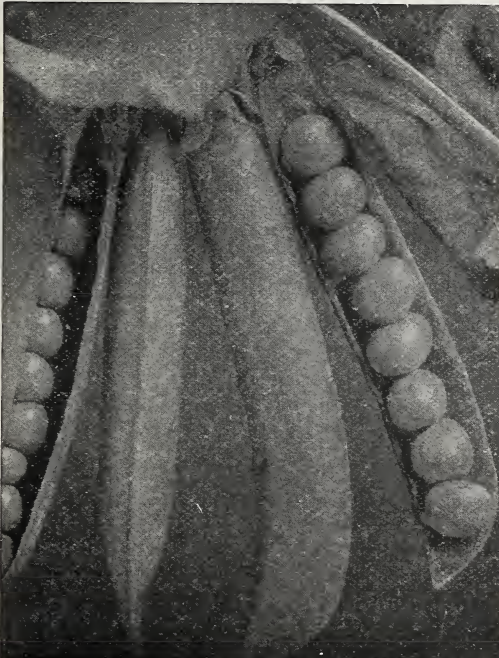
TELEPHONE. Vines and leaves large and coarse. Foliage light green in color; height, 40 to 50 inches; pods long, broad, pointed, medium green in color. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$18.00.

ALDERMAN. Large podded, of the Telephone type. Robust and vigorous; foliage medium green; height, 50 inches; pods 5 inches long, broad, pointed, medium green. Pods contain 7 to 9 wrinkled peas. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$18.00.

LOHRMAN'S MIDSUMMER. The best large-podded pea. This splendid variety of medium early peas is excellent for market gardeners. Height, under high culture, three feet. Habit dwarf, stocky, healthy and vigorous; remarkably uniform in height, with almost no tendency to spot; very productive, plants frequently bearing from five to seven pods. Season medium. Pods long, frequently five inches in length, broad, straight, rounded or curved at the end, remarkably well filled, often containing ten peas; dark green color; thick and of good lasting quality for market purposes. Seed of large size, tender and of delicious flavor when fit for the table; light green and much shriveled and shrunken when dry. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$18.00.

MELTING SUGAR. Height, 4 to 5 feet. Well deserves its name. Should be cooked and eaten pods and all, the same as wax beans. Pods are stringless and when cooked are tender, sweet, and sugary—a great improvement over the ordinary Sugar Pea. Pkt., 10c; lb., 35c; 5 lbs., \$1.50; 100 lbs., \$25.00.

CHAMPION OF ENGLAND. One of the old standard tall peas. Strong and vigorous, 42 to 50 inches in height; foliage medium green; pods 2½ to 3 inches long, large seed and very much wrinkled. Very much used for the home garden. Pkt., 10c; lb., 30c; 5 lbs., \$1.25; 100 lbs., \$20.00.



Lohrman's Midsummer Peas.



Large Bell or Bull Nose Peppers.

Potatoes

The varieties offered by us are the very best bred strains possible to procure. Planting should begin as early as April 15th for the early market; should be planted by May 15th at least. Northern grown potatoes resist disease better than those grown farther south, where the seasons are longer. A thrifty plant will resist disease and thrifty plants are produced from vigorous seed. Use only our Northern Grown Seeds.

EARLY ROSE. Every farmer and gardener knows the good qualities of the Early Rose potatoes; its earliness, and what a good cooker it makes. On some markets the Early Rose is the quickest seller of any potato.

IRISH COBBLER. A very early white potato. Its large yields make it a very profitable crop to plant. It is the most popular by far of all the early potatoes and should be the main early crop of every grower.

CARMAN No. 3. Is always found in the list of the best varieties. Seems to be drought-proof, disease-and bug-proof. Always does so well and brings in such good prices for its fine appearance that it is a general favorite. It yields great crops of fine large, smooth potatoes, even under the most unfavorable circumstances. Flesh is white and flaky. The clean white appearance of Carman No. 3 on the market is a great help to its sale.



Large Yellow Pumpkin.

Peppers

Sow seeds in a hotbed or in a box in the house, transplant when three inches high into cold frame, and when the ground is warm enough transplant the strong plants into the open.

LARGE BELL or BULL NOSE. Thick, sweet and mild for salads, pickling or stuffing. People who grow and can these for winter will no longer pay for a can of imported pimentos. Bright green when young and beautiful red when ripe. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

RUBY KING. Fruits are about 4 inches long; flesh thick and mild; color dark green while young, turning to bright red when ripe. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

CHINESE GIANT. Fruit of great size, 12 to 15 inches in circumference. It is early, very productive and sweet. Flesh is thick, tender, unexcelled for salad or stuffed in mangoes. Pkt., 10c; oz., 55c; ¼ lb., \$1.75; lb., \$6.00.

GIANT CRIMSON. An early new giant fruited sweet pepper. In habit of growth robust and stocky. The fruit is of long shape, as big as Chinese Giant, and much more oblong. In flavor it is very mild. The flesh may be eaten raw from the hand. It is excellent for salads. Pkt., 10c; oz., 55c; ¼ lb., \$1.75; lb., \$6.00.

RED CHILL. Fruit is small, bright scarlet, very hot and pungent. Generally used for making pepper sauce. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

LONG RED CAYENNE. Grown largely for preserving purposes. Very hot, but useful in many ways. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

PIMENTO. This is a new and distinct pepper. Perfectly sweet, having no trace of pungency. Plants are loaded with fine perfectly smooth fruits, medium size and thick-meat. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

SWEET GOLDEN DAWN. A large yellow variety, shaped like the Chinese Giant. Very sweet and mild. Oz., 55c; ¼ lb., \$1.75; lb., \$6.00.



IMPROVED EARLY OHIO. This is the most popular red sort for early planting. The tops are tall, spreading and vigorous. You will find it very satisfactory.

(Prices on application.)

Pumpkins

Pumpkins are usually raised among corn. When the corn is about 1½ feet high or after it receives its last cultivation, the seed is sown, dropping three seeds in every third hill. Or the seed may be sown in May after the 15th in hills 8 feet apart, placing 6 seeds in every hill and later thinning out to four plants. One ounce will plant 50 hills; 3 to 4 lbs. to the acre.

LARGE YELLOW. Large, round, flattened fruit, very hardy and productive. Fine keeper. The very best for family use. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color with thick, dry, fine grained flesh. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., \$1.00.

Lohrman's Superior Radishes

The secret in growing good radishes consists chiefly in the observance of three points: 1. Grow them on light, quick soil. 2. Give them plenty of water. 3. Get the right kind of seed. Radishes grow very rapidly and if not given sufficient moisture will turn pithy. Sow the seed one-half inch deep in early spring in rows 1 foot apart, and remember that the more fertile the soil the faster they will grow. For succession sow every ten days throughout the season and keep the soil free from weeds. One ounce of seed will sow 100 feet of drill.

Early Varieties

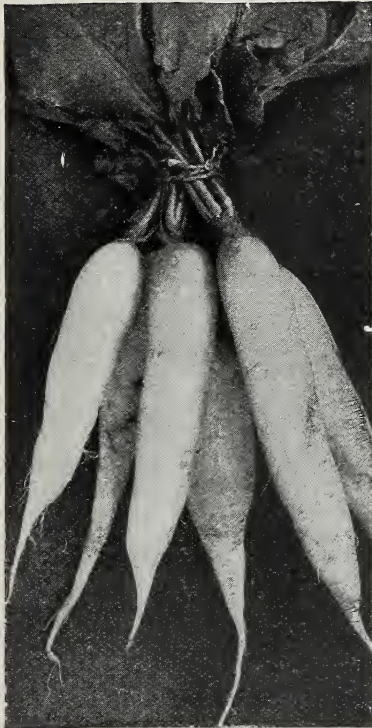
EARLY SCARLET TURNIP WHITE TIPPED. One of the best standard sorts for general use. Roots are turnip-shaped, of finest quality. Dark red color, with white tip. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

EARLY ROUND DEEP SCARLET. The most popular variety for hotbeds and forcing as it is the earliest of all. Of handsome color, crisp, juicy, and tender. It forms a small top and will stand a great deal of heat without becoming pithy. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

FRENCH BREAKFAST. The most popular and best known sort grown. It is exceedingly pretty, olive-shaped, scarlet with white tip. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.



Early
Scarlet Turnip
White Tipped
Radishes.



White Icicle Radishes.

EARLY LONG SCARLET or SHORT TOP IMPROVED. An old standard variety of quick growth; long, slender root. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 80c.

WHITE STRASBURG. Of handsome, oblong, tapering shape, both skin and flesh being pure white. The flesh is firm, brittle and tender and retains its crispness even if old and large. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

EARLY SCARLET GLOBE. Deserves to be at the head of the list for a forcing radish, being the best in shape, brightest scarlet and most uniform. Very tender and crisp. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

ICICLE. The finest of pure white, early sorts. Planted in spring, this variety is ready for pulling in about three weeks. Long, slender, purest white. These radishes are crisp and tender, both when young and later. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

CRIMSON GIANT. This new type attains a size more than double that of any other turnip variety without getting pithy or hollow. The pure white flesh is crisp, tender and mild. Sow thinly to allow full development. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 80c.

Winter Varieties

SCARLET CHINA. Rose-colored sort, of very fine quality. Very smooth and fine flavor. These radishes can be kept for winter, but are also highly useful and delicious for summer use. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

LONG BLACK SPANISH. Very large size, firm texture. Should be stored in sand for winter use. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

ROUND BLACK SPANISH. Similar to the long, but of round shape. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

HALF LONG BLACK. One of the latest as well as the hardiest of radishes, and is considered an excellent sort for winter use. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

CALIFORNIA MAMMOTH WHITE CHINA. Grows to a large size; flesh is white, firm and of delicious flavor. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.



Salsify.

Rhubarb or Pieplant

Sow the seed in cold frame in spring and as soon as the plants are large enough transplant into rows 1 foot apart each way and cultivate. The following spring plant out in rows four feet apart each way and work into the soil a liberal supply of well decomposed manure. One ounce of seed will sow 75 feet of drill.

VICTORIA. The best standard sort. Yields immense crops. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00. Roots, each, 15c; doz., \$1.50.

Salsify or Vegetable Oyster

One ounce of seed will sow 60 feet of drill. Culture same as for parsnips.

MAMMOTH SANDWICH ISLAND. The largest and most succulent salsify. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

Sorrel

Seed sown in April in drills one foot apart and ½ inch deep will be ready for cutting during July. For early spring use the seed should be sown during August. The roots are entirely hardy and if not disturbed will remain for several years.

LARGE-LEAVED FRENCH. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

Spinach



Spinach.

For a succession sow the seed in early April and again late in May in drills one foot apart and one inch deep, thinning out when plants are about 4 inches high. For the principal crop sow from first to middle of September, protecting the crop with a light covering of straw or leaves. One ounce will sow 100 feet of drill; 10 lbs. to the acre.

VICTORIA. A variety distinguished for its very long standing qualities, being two or three weeks later than the ordinary varieties. Oz., 10c; lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.

LONG STANDING. Succeeds well at all seasons, and though somewhat slow in growth forms a very fine large dark green-leaved spinach. Oz., 10c; lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.

LONG SEASON. Leaves a dark green color, very broad, thick, and fleshy. Resists summer heat remarkably well and remains a longer time in condition before going to seed than other sorts. Very desirable. Oz., 10c; lb., 25c; 10 lbs., \$2.25; 25 lbs., \$5.00.

KING OF DENMARK. As early as any and will stand two weeks longer than any other variety before going to seed. Holds up well after being cut. Dark green and crumpled. Highly recommended. Oz., 15c; ¼ lb., 30c; lb., \$1.00; 10 lbs., \$8.50; 25 lbs., \$20.00.

NEW ZEALAND. This plant is really not a spinach, but is used as such. It grows 1½ feet high and is very prolific. Grows well during hot summer weather when the ordinary spinach cannot be had. Oz., 15c; ¼ lb., 25c; lb., \$1.00.

Lohrman's Select Squash

Early varieties, one ounce sufficient for 50 hills. Late varieties, one ounce for 20 hills; 4 to 6 lbs. to the acre.

Before planting squash in the open the weather must be settled, the soil light and highly fertilized. Summer sorts should be planted from 4 to 6 feet apart each way in hills, pressing the seed down one inch deep. Late varieties require planting 8 feet apart, covering the seed 1½ inches deep. Slug Shot will keep off the destructive bugs.

Summer Varieties

MAMMOTH WHITE BUSH. An early, round, flat squash; color clear white; handsomely scalloped. Planted largely in every section of the country. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

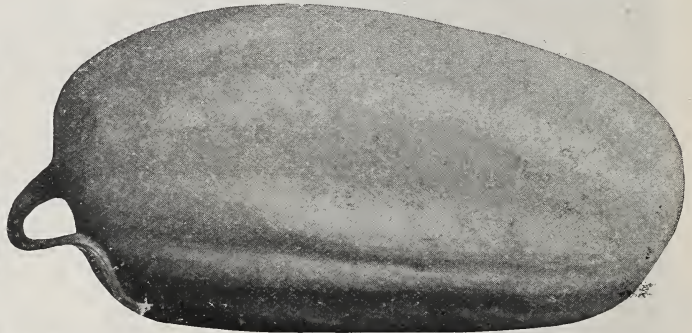
MAMMOTH SUMMER CROOKNECK. A well known and standard variety. Grows from 18 inches to two feet in length. The shell is hard and warty and of an attractive bright yellow color. The thick flesh is of good quality. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

ITALIAN VEGETABLE MARROW. A summer squash of compact bush form, oblong, 12 inches or more in length and 4 to 5 inches in diameter. Skin dark green with stripes of a still darker shade, and marbled with yellow. Should be eaten when half grown. Cooked like other squash or fried like egg plant. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

ENGLISH VEGETABLE MARROW. A long greenish white variety. Very sweet and tender. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



Lohrman's Hubbard Squash.



English Vegetable Marrow.

Winter Varieties

DELICIOUS. For table use no squash can compare with it. Sweet and exceedingly rich flavor. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

BOSTON MARROW. An early fall sort of oval form. Thin skin, and when ripe a light orange color. Good size and fine keeper. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

GOLDEN HUBBARD. An early maturing variety, about one-third smaller than the Green-Warted Hubbards. It has a reddish golden colored skin, with dry and fine-grained flesh. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

LOHRMAN'S HUBBARD. This is a superior variety, and the best winter squash known. Flesh bright orange yellow, fine grained, very dry, sweet and rich flavored; keeps perfectly good throughout the winter; boils or bakes exceedingly dry, and is esteemed by many to be as good baked as the sweet potato. We have taken the utmost pains with this sort and can recommend our stock as in all probability the best in the country, and think our customers can plant it with perfect confidence that every fruit will be a pure Hubbard. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

Tobacco

HAVANA. One of the earliest, fine texture, and superior flavor. Desirable for cigars and cigarettes, also as a blend for pipe. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

CONNECTICUT SEED LEAF. Best kind for Northern localities. Broad leaf of medium length. Suitable for cigar fillers. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

WHITE BURLEY. A mild and sweet tobacco. It is the standard main crop variety in the tobacco sections as it is extra fine for manufacturing in nearly every manner that tobacco is used. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

Lohrman's Perfected Tomatoes

Good plants can be grown where a frame is not available from early February on in the house in pots or boxes. Where a hot-bed is handy sow the seed, giving good bottom heat, in February to March, and when the plants are three inches high transplant into other frames about 4 to 5 inches apart each way, or plant into boxes which can be placed in the frames. Do not set the young plants in open before all danger of frosts is over. Choose a light sandy or gravelly loam in a sheltered situation, and if possible with southern exposure if early fruit is desired. The plants may be set four feet apart each way, using a large shovel full of well-rotted manure in each hill.

EARLIANA. Extra early and of excellent quality. Vines small but vigorous and productive. Fruits deep scarlet, medium to large, nearly round and exceptionally smooth for so early a variety. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.25.



John Baer Tomatoes.

JOHN BAER. A new variety that is claimed to equal Bonny Best. It sold well last year and our own crops proved excellent. We look for it to be a winner. Try a few alongside of your favorite variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

BONNY BEST. A very early and desirable variety. Bright scarlet from outside to center. Vines strong and vigorous, producing a good crop of round, globe-shaped fruits which ripen more uniformly than other early sorts. A favorite with market gardeners. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.25.

EARLY DETROIT. Largest and best-formed of the early purple-fruited sorts. Vigorous and productive. Fruit is very smooth, uniform in size, firm, and excellent quality. One of the best shipping early varieties introduced. Pkt., 10c; oz., 55c; ¼ lb., \$1.75; lb., \$6.00.

DWARF CHAMPION. Very compact and dwarf, growing strong and tree-like, so that the fruit is held up clear from the ground and does not require any stakes. Fruit purplish pink, round, smooth, and one of the best for quality and flavor. Is medium early. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.25.

STONE. One of the best standard sorts. Color bright red. Fruit large size, perfectly smooth and of best table quality. Much used for canning. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.75.

TRUCKERS FAVORITE. The finest large-fruited purple tomato grown. Fruit continues of large size until the last, and is unexcelled for slicing or cooking. Try this. Pkt., 10c; oz., 40c; ¼ lb., \$1.50; lb., \$5.50.

PONDEROSA. The largest tomato. Decidedly the home gardener's favorite. A very fine variety. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00.

GOLDEN QUEEN. Large yellow. Its fruit is smooth and of finest flavor. Ripens very early; handsome. The standard yellow variety. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

YELLOW PLUM. Fruit small, but little more than a half-inch in diameter. Color deep yellow; flesh yellow and splendid flavor. Highly esteemed for preserving. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.25.



Ponderosa Tomatoes.

USE OUR

Evergreen Lawn Seed
and Lawn and Garden Fertilizer

Turnips

For early use sow in hotbed during March. As soon as the ground can be worked turnips can be sown outdoors in drills 12 inches apart, thinning out later to 5 inches apart in the row. For succession sow at intervals of two weeks till well up into August, from which time until the middle of September sowing should be made for the later crops. One ounce will sow 100 feet of drill.

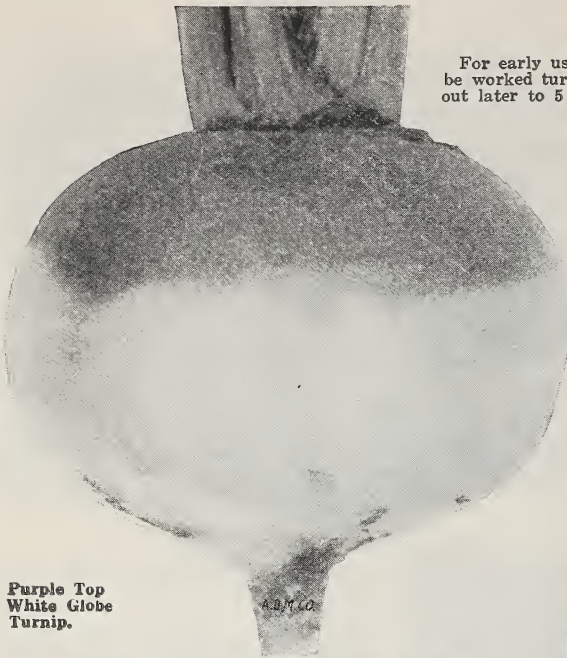
Turnips make excellent stock feed for fall and winter use. They are much liked by all stock and the feeding of turnips or rutabagas keeps them in good condition. We earnestly recommend farmers to sow turnips and rutabagas for this purpose. We know it is profitable.

EXTRA EARLY WHITE MILAN. Fine for earliest crops. The clean white roots are smooth, flat and symmetrical. Flesh white, tender and of a very sweet flavor. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

PURPLE TOP WHITE GLOBE. One of the best of the winter turnips. The roots are attractive in color; globe-shaped, extra large and solid. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 50c.

LARGE AMBER GLOBE. One of the best yellow-fleshed varieties grown usually for stock feeding. Roots large size and globular; skin clear yellow, except the top, which is tinged with green. Flesh fine-grained and sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

ORANGE JELLY or GOLDEN BALL. One of the most delicate and sweetest of all the yellow-fleshed turnips. Grows to good size, globular in shape, flesh solid and tender. Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 50c.



Purple Top
White Globe
Turnip.

Rutabaga or Swede

Largely grown in the North for stock feeding, and for this are superior to turnips. Sow in June in drills 2 feet apart and thin out to 8 inches in the row.

AMERICAN PURPLE TOP or YELLOW or IMPROVED LONG ISLAND. A very popular and standard sort; has a short neck and a very small top; bulbs grow to very large size; flesh yellow, fine grained and of the best quality. One of the most desirable varieties in cultivation. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

Pot, Sweet and Medicinal Herbs

These are indispensable for every home garden. For flavoring soups, meats, etc., for medicinal use (especially where there are children), some good herbs will be found most useful.

All herbs thrive best in rich, mellow soil. Sow the seed early in spring in shallow drills one foot apart, when the young plants are up 2 to 3 inches thin out or transplant. Cut on a dry day, before coming into full bloom, tie in bunches and hang where they dry rapidly.



Sweet Marjoram.

BASIL, SWEET. For flavoring soups, pickles, etc. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

BORAGE. Grand as a salad mixed with lettuce. Flowers are excellent for bee pasture. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

CARAWAY. Good in soups, bread, liquors, etc. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., \$1.00.

DILL. For flavoring pickles, vinegar, etc. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c.

FLORENCE FENNEL. Sweet, for flavoring sauces. Very aromatic. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

LAVENDER. Sweet Lavender, for perfumes, oils, and toilet waters. Delightful placed between linen. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.50.

MARJORAM, SWEET. One of the best known herbs for seasoning. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

ROSEMARY. Yields a very aromatic water and oil. Pkt., 10c; oz., 75c; ¼ lb., \$2.50.

SAGE. For flavoring. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.75.

SAVORY, SUMMER. Used in kitchen for flavoring. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

THYME, BROAD ENGLISH. Indispensable for seasoning. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

WORMWOOD. Used medicinally. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.



Rutabagas.

High Grade Grass and Clover Seed



Alfalfa.

Clover Seed

ALFALFA or LUCERNE While alfalfa is being grown very extensively in Michigan, Indiana, Illinois, Kansas, Colorado, Oklahoma, Nebraska, and other middle western states, the growing of this excellent crop is still in its infancy in other parts of the country. As a tame hay plant, Alfalfa stands supreme in longevity, yields, feeding value, soil-building and economy, and in adaptability to wide variations of soil and climate. Alfalfa not only produces a hay crop and from 3 to 10 tons per acre, a valuable seed crop, but at the same time enriches the soil on which it is growing. Alfalfa will thrive on almost every kind of soil except a wet one. It is essentially a dry land plant and on wet soils the weeds will get ahead of it. Alfalfa is sown either in the spring or the fall at the rate of from 15 to 20 pounds to the acre. In sowing alfalfa it is of greatest importance that the seed bed be carefully and thoroughly prepared. The seed bed should be firm and moist and the surface should be loose, mellow, and very finely pulverized. Per lb., 50c.

ALSIKE OR SWEDISH. Alsike Clover is especially valuable for growing on wet or swampy land. If you have a piece of land that is too damp for alfalfa or other clovers or grass, sow a mixture of about four pounds of Alsike Clover and ten pounds of Red Top Grass Seed. This will make an excellent crop of hay. Alsike Clover is very hardy, is perpetual, will withstand drought and will not winter kill. About six to ten pounds will sow an acre and as the seed is very fine it should be covered only slightly. Per lb., 50c.

MAMMOTH or LARGE RED. It is claimed by many of our best farmers that it is easier to get a "catch" with Mammoth Red on light sandy lands than with any other. For hog pasture it has no equal. It produces very large crops of hay, yielding from 3 to 5 tons per acre. As a fertilizer to plow under green it has no equal, and for this purpose sow 5 to 6 lbs. per acre with all small grain. Sow 10 to 15 lbs. per acre. Per lb., 50c.

MEDIUM RED or JUNE. This is considered the most valuable of all the clovers and is known to every farmer. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. It may be sown either in the spring or fall, and if no other grasses are used, at the rate of 8 to 12 pounds per acre. Per lb., 50c.

WHITE DUTCH. This is of particular value in mixtures in permanent pastures and lawns and will grow on almost any kind of soil. Being very hardy and of creeping habit, it will also prevent the ground from being washed away by heavy rains. White Clover is used mainly for sowing in mixtures with other grass seeds, especially with Blue Grass, to obtain permanent pastures. 5 to 6 lbs. per acre. Per lb., 90c.

BOKHARA or SWEET CLOVER. White blossom sweet clover. Very valuable for soiling. Splendid inoculator for alfalfa. Grows to a height of 3½ to 5 feet. Grown on rich soil, it can be cut as much as three times a season. Good for ensilage and bees. Will last two years if cut before it blooms. Sow 10 to 15 lbs. per acre. Per lb., 50c.

Grass Seed

CANADA BLUE GRASS. Resembles somewhat the Kentucky Blue Grass, but is not of so good quality. It thrives on stiff clay soils of low fertility. It is seldom found on sandy soils. Sow early in spring or in the fall. 28 pounds per acre are recommended. It is coarser than Kentucky Blue Grass and grows a little more rapidly. Per lb., 50c.

KENTUCKY BLUE GRASS. May be sown spring or fall. One of the best grasses for pasture mixtures. Extremely hardy. Stands the severest droughts. Comes on early in the spring and grows late in the fall. It forms a tough, closely knit sod that is not injured but really benefited by trampling of grazing animals. Requires a good soil, containing some lime in order to yield profitable crops. When sown alone, sow about 35 to 40 pounds per acre. Per lb., 60c.

ORCHARD GRASS. Is ready for grazing in spring two weeks earlier than most grasses, and when fed off is again ready for grazing in a week. Palatable and nutritious and stock eat it greedily when green. When sown alone about 28 pounds are required per acre; if sown with clover, half that quantity. It is perennial and it will last for years. Per lb., 35c.

ASK FOR PRICES IN QUANTITIES.



Red Top.

RED TOP. A valuable grass for moist rich soils. A good variety to sow with timothy and clover for meadow pastures, and is more permanent than either of the other two. On good soil it grows about 2 feet high. It has been grown successfully even on alkali land where other grasses failed. 10 pounds required to the acre. Per lb., 40c.

GRASS SEED—Continued

PERENNIAL RYE GRASS. Valuable in grass mixtures for permanent pastures. It is of very quick growth, affording in connection with other grasses, valuable green forage, and when cut yields a large quantity of hay. On good land it will grow from 1½ to 2 feet high. From 40 to 60 pounds of seed should be used in seeding an acre. Per lb., 30c.

RED or CREEPING FESCUE. We regard this as one of the most valuable grasses for it adapts itself to different conditions of soil and climate. It produces a great amount of early and late feed of good quality and yields heavily. As a pasture grass it is particularly valuable, being one of the earliest in the spring and latest in the fall, and never freezes out or winter-kills. About 18 to 22 pounds of seed should be sown per acre. Per lb., 75c.

CHEWING FESCUE. Used extensively for golf courses, and is one of the best grasses for this purpose, as it is creeping in habit and soon forms a solid, compact turf. A single plant will spread to be a foot in diameter. Valuable for terraces or exposed hill sides. Does well on thin or poor soils and is extremely resistant to drought. Per lb., 75c.

TIMOTHY. As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses. It is not suited for permanent pasture as it will in the course of a few years run out. It is, however, well adapted to early spring grazing as it starts up quickly in the spring. Per lb., 25c.

LAWN GRASS. See outside Back Cover. Amount of seed planted for lawns should be about three times the amount shown above.

Miscellaneous Farm Seeds

Prices change with the market and it is impossible to make a firm price. Prices on all farm seeds and clover on application.

Barley

Barley ranks fourth in the list of important cereals in the United States and has proved to be a much more profitable crop throughout the Middle West than lots of Spring Wheat. The yield is invariably heavy when a good quality of seed is sown.

WISCONSIN PEDIGREE. This has been the champion for some years. It is the result of many years selection and breeding and the quality is unequalled. The long large heads are completely filled and the kernels are uniform in size, plumpness, and color.

Soy or Soja Beans

Soya Beans, commonly known as Soy Beans, are not only of great feed value for stock, but are highly beneficial to the soil. The best time for harvesting is when the leaves begin to turn yellow as the straw is then at the best, and the yield of seed will be practically as large as at any other time. Soy Beans are generally sown in drills 8 to 10 inches apart, using from 50 to 75 lbs. of seed per acre. The use of Soja or Soy Beans is increasing very rapidly everywhere. They are proving to be a valuable and important forage crop.

Buckwheat

Should be sown about the middle of June, at the rate of from one-half to three-fourths bushel per acre. You will avoid the danger of it spoiling by threshing as soon as dry.

SILVERHULL. For quality of flour no Buckwheat excels the Silverhull. The berry is not quite as large as the Japanese, is a silver-gray color, shell very thin and grain heavy. The plant remains in bloom longer than any other variety.

Dwarf Essex Rape

This is beyond doubt the most popular and profitable of all forage plants, giving satisfaction everywhere. Rape is easily grown anywhere and is unsurpassed for pasturing hogs, cattle, and sheep. They always thrive on it, and prefer it above all other pastures during the summer, late fall, and even into the winter in some sections. It is most generally sown in June, July, or August, with corn or can be sown early with small grain to provide pasture after the grain is harvested.

Spring Vetch

Sown broadcast at rate of 1 to 1½ bushels to the acre like wheat or barley and sometimes mixed with oats for soiling. Valuable for orchard. Used in France and Canada as a substitute for peas. Cultivate same as feed peas.



Dwarf Essex Rape.

MISCELLANEOUS FARM SEEDS—Continued

Winter Vetch

The winter cover crop. Also called Sand or Hairy Vetch. Is a hardy legume sown in the Northern States in the fall months, growing well that season, and remaining green all winter. It supplies a place in the North that the less hardy crimson clover does in the South. As a winter cover crop it prevents washing or leaching of soil during the winter and at the same time as a nitrogen gatherer it enriches the soil. Vetch also furnishes a very valuable hay or pasture. Drill for cover crop 10 to 20 pounds per acre.

Canada Field Peas

These field peas are entirely different from the Cow Pea, requiring to be sown early in the spring, making their crop ready for cutting in May or June. They can be sown in open weather during December, January, February and March, and make large yields of most nutritious food, which can be used either green or cured for hay. The crop is ready for cutting in May or June.

Winter Rye

This variety has been bred up to a high state of perfection for milling purposes. It is of fine quality and a heavy yielder and proves to be an important crop. It is grown with wonderfully good success in Iowa. Especially recommended for the Corn Belt section of the country.

Spring Rye

True stock. Spring rye makes an excellent crop where winter grain has been killed out or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other grain. Does not grow quite so large straw as Winter Rye, but usually yields well and grain is of fine quality.

Cow Peas

Cow Peas furnish a hay crop of splendid and nutritious green forage, enriching the soil even after the crop is cut off, and for silage they are unexcelled. Don't plant cow peas until June first or later. They do better in a hot dry season than in a wet one. From 1 to 1½ bushels are sown to the acre.

WHIPPOORWILL COW PEAS are a general favorite, an early bunch growing variety, and more easily gathered than the vine growing varieties.

Speltz or Emmer

Speltz is a grain resembling barley. It was introduced into this country from Southern Europe, where it has been used in place of wheat for flour, also as a stock feed for centuries. It appears to be adapted to all kinds of soil and climate; is more productive than oats; cut at the right time makes an excellent hay; is resistant to cold and drought; neither rusts, blights nor lodges. In fact is a most useful and profitable crop to grow. The grain is splendid feed for hogs, cattle, horses, and poultry.

Spring Wheat

MARQUIS unquestionably is the leading variety of Spring Wheat in the United States today. Marquis holds the World's Championship for the best appearing and best milling wheat. Originally introduced from Canada, where early ripening Wheats are an absolute necessity. Marquis is a cross between Calcutta, Hard Red and Red Fife, a combination of earliness, yield and high quality. Kernels are beautiful dark red, hard, of large size, attractive shape and color. Heads are exceptionally large, beardless and practically rust-proof. Smooth, yellow chaff which hugs kernels closely, thus resisting frost. Has given the very best results in Michigan.



Vetch.

Millet

HUNGARIAN (*Panicum Germanicum*). This is a species of annual millet, growing less rank with smaller stalks, often yielding two or three tons of hay per acre. It is unexcelled as a hay producer; all cattle relish it; is grown in enormous quantities; not so coarse as that of most other varieties, but the yield is nevertheless quite large. Earlier than Golden Millet and often used as a second crop to follow barley or early potatoes, etc.

Mammoth Russian Sunflower

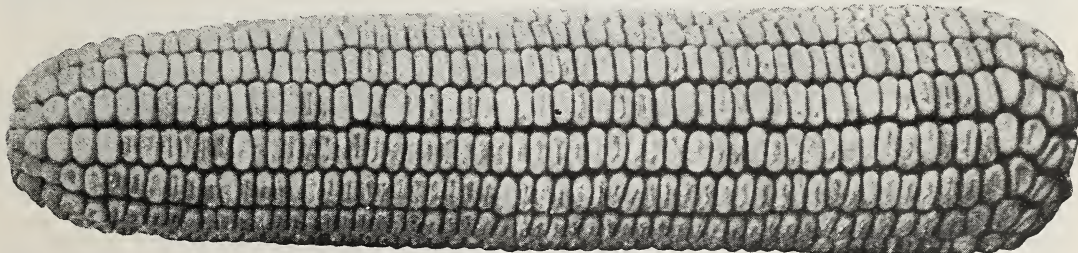
A more profitable or important crop can hardly be raised. The seed is highly valued by farmers and poultry breeders who have tried it. The hens will fatten on it and lay more eggs than on any other food. Single heads measure from 12 to 22 inches in diameter, and contain a lot of seed, which can be raised much cheaper than corn. The stalks make good fire-wood. Many farmers are now profitably growing sunflowers for silage. 3 lbs. per acre.

Field Corn

EARLY RED BLAZED. An enormous yielder, with very long ears. A good variety to grow in this locality on account of its earliness.

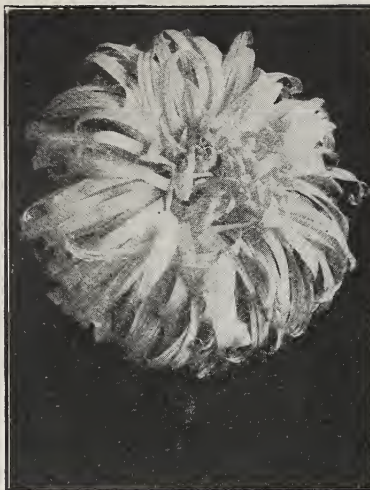
PRIDE OF THE NORTH (Yellow Dent). A dependable Early Yellow Dent Corn. The stalks are well proportioned, being short jointed and leafy. Two or more well developed ears are frequently found on a single stalk. The kernels are very deep and closely set on the ear.

EIGHT ROW YELLOW FLINT. Ears from ten to fifteen inches long. Very prolific and early.



Pride of the North.

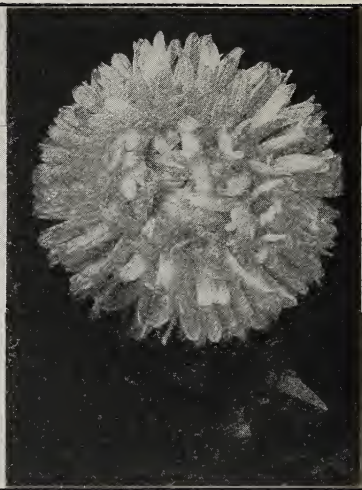
GENERAL LIST OF CHOICE FLOWER SEEDS



Giant Comet Aster.



Queen of the Market Aster.



Semple's Branching Aster.

There is no place so small that there is not room for a few of these beautiful flowers and with a trifling expense an abundance of blooms can be easily obtained. Many of our most beautiful garden flowers are raised from seeds.

Achillea

PTARMICA, THE PEARL. One of the best hardy perennials, large heads of pure white double flowers, will bloom the first season if sown early. Pkt., 25c; oz., \$5.00.

MILLEFOLIUM ROSEUM. Form and growth same as above, beautiful cerise pink. New. Pkt., 10c; oz., \$1.00.

Acroclinium

A pretty annual (everlasting), bearing lovely double pink flowers; can be cut in the bud and dried for use in winter. Mixed colors. Pkt., 10c; oz., 40c.

Adlumia - Allegheny Vine

CIRRHOSA. A biennial climber. Many growers call it a perennial as it resows itself year after year. The feathery foliage resembles a maidenhair fern, the flowers somewhat shaped like Bleeding Heart. Pkt., 10c; oz., \$1.50.

Ageratum

FLOSS FLOWER. Very free blooming, large-flowered, very compact.

DWARF WHITE. Extra fine. Pkt., 10c; oz., 75c.

DWARF BLUE. Extra quality. Pkt., 10c; oz., 75c.

Agrostemma - Mullein Pink

CORONARIA. A very hardy perennial, easy to grow, beautiful crimson flowers shaped like a single pink, and silvery white foliage. Blooms first year from seed. Pkt., 10c; oz., 75c.

Alyssum

SWEET. Pretty plants for beds, vases, baskets, edging or rockwork; will bloom all summer. Can be grown very readily either outdoors or in the house. White. Pkt., 10c; oz., 30c.

LITTLE GEM. Very dwarf and compact, and very free flowering, fine for bedding. White. Pkt., 10c; oz., 75c.

SAXATILE COMPACTUM. (Basket of Gold.) A beautiful yellow perennial. Good compact habit, very free bloomer. Pkt., 10c; oz., \$1.00.

Amaranthus

Fine for borders of tall plants, or in center of large beds.

TRICOLOR. (Joseph's Coat.) Leaves red, yellow and green. Pkt., 10c; oz., 50c.

CAUDATUS. (Love-Lies-Bleeding.) Blood red, drooping habit. Pkt., 10c; oz., 50c.

Anemone - Windflower

CORONARIA. A very fine perennial, enormous with great variety of striking colors. Sow seed outdoors in spring and keep shady until plants appear. Mixed colors. Pkt., 10c; oz., \$1.25.

Anchusa

ITALICA, DROPMORE VARIETY. One of the best hardy perennials, lovely gentian blue, great improvement on the old variety. Pkt., 10c; oz., \$1.50.

Anthemis

HARDY MARGUERITE. Heavy-scented plants, with many-flowered heads of golden-centered flowers. Because of their continuous profuse blooming, throughout the summer, they are very desirable. Pkt., 10c; oz., \$1.25.

Aquilegia or Columbine

One of the most popular perennials, easiest of cultivation. Blooms profusely from May to August; very desirable for herbaceous borders and groups among shrubs. Very hardy. Single or double mixed. Pkt., 10c; oz., 75c.

Arabis

A hardy perennial. The spreading tufts are covered with a sheet of pure white flowers. Very desirable for edging border. Pkt., 10c; oz., 75c.

Antirrhinum - Snapdragon

Snapdragons have become very popular within the last few years. They make a fine display in the garden or they are very useful for table decorations when cut.

MIXED. Pkt., 10c; oz., 75c.

SCARLET. Pkt., 10c; oz., \$1.00.

YELLOW. Pkt., 10c; oz., \$1.00.

PURE WHITE. Pkt., 10c; oz., \$1.00.

ROSE. Pkt., 10c; oz., \$1.00.

Asters

QUEEN OF THE MARKET. A very early flowering Aster, coming into flower as early as July, of good size, branching habit, fine for cutting. White, Shell Pink, Rose, Crimson, Lavender, Purple, Mixed. Pkt., 10c; oz., 90c.

ROYAL ASTERS. Of all the large fine Asters none can beat this truly magnificent class. The plants are strong growers and produce an abundance of large flowers. The stems are long and strong, and keep a long time when cut. White, Crimson, Rose, Lavender, Purple, Mixed. Pkt., 10c; oz., \$1.50.

SEMPLER'S BRANCHING. This special strain is American grown and is especially adapted to our climate. Long stems, very large flowers, very useful for bedding and one from which results can be obtained. White, Flesh, Pink, Crimson, Lavender, Purple, Mixed. Pkt., 10c; oz., \$1.00.

GIANT COMET. Flowers are extra large, with long curled petals, similar to Chrysanthemums, branching habit, long stems. White, Pink, Crimson, Lavender, Purple, Mixed. Pkt., 10c; oz., \$1.50.

HARDY PERENNIAL ASTER. (Michaelmas Daisy.) Mixed. A single-flowered perennial Aster. Flowers in the fall and is splendid for herbaceous border; if sown early will flower the first season. Pkt., 10c; oz., \$2.00.



Centaurea Imperialis.



Campanula.



Marguerite Carnations.

Asparagus

Asparagus possesses the advantage of being more graceful and its foliage finer than that of the most delicate Fern. As a house plant it will thrive under practically all conditions. The Asparagus likes a good rich soil and fairly warm temperature.

PLUMOSUS NANUS. Very useful for bouquets, also makes a good house plant. Pkt., 10c; \$1.00 per 100 seeds.
SPRENGERI. Elegant variety for hanging baskets. Pkt., 10c; 50c per 100 seeds.

Balloon Vine

LOVE-IN-A-PUFF. A rapid growing climber; annual. Pkt., 10c; oz., 25c.

Begonia

SEMPERFLORENS, MIXED. A boon for shady places. One of the few gorgeously-tinted flowers which will thrive and make glorious, the dark and shady corners. Pkt., 25c; oz., \$3.50.

Balsam

LADY SLIPPER. One of the oldest known and favorite garden flowers. Anybody can grow it. It is of such easy culture. Succeeds best in rich soil. Double Camellia-flowered. Pkt., 10c; oz., 75c.

Bellis Perennis - English Daisy

A hardy, free growing perennial. Its low habit of growth makes it valuable for borders. It is a long time in bloom. Double mixed. Pkt., 10c; ¼ oz., 50c; oz., \$3.50.

Bocconia - Plume Poppy

CORDATA. A very handsome perennial. Foliage bright green. Spikes two to three feet long, of cream-colored flowers; easily raised from seed. Pkt., 10c; oz., 75c.

Boltonia

ASTEROIDES. Pure white; very effective. Pkt., 15c; oz., \$2.00.

LATISQUAMA. Light pinkish blue flowers; very lovely; blooms late in fall. Highly recommended. Height, 3 to 4 feet. Pkt., 15c; oz., \$2.00.

Calendula - Pot Marigold

One of the best and showiest free flowering hardy annuals, growing in any good garden soil. Of late it has been very much improved, and the varieties we offer are the best that can be obtained.

PRINCE OF ORANGE. Large, double, orange, much like Meteor only darker. Pkt., 10c; oz., 35c.

METEOR. Large, double yellow with orange stripes, striking for cut bloom. Pkt., 10c; oz., 35c.

ORANGE KING. Very large flowers, dark orange red. Pkt., 10c; oz., 35c.

LEMON QUEEN. Very large and double, lemon yellow. Pkt., 10c; oz., 35c.

Calliopsis

Very showy free flowering annuals, doing well in any sunny position, fine for cutting and making a good show when massed in the garden. By keeping the old flowers cut they will continue until late fall. Mixed. Pkt., 10c; oz., 50c.

Calceolaria

Tender perennial. Sow in August or September. Choice mixed. Pkt., 25c.

Canary-Bird Vine - Tropaeolum Canariense

A splendid rapid annual climber, the small canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. Pkt., 10c; oz., 35c.

Canna - Indian Shot

The Canna will bloom the first year from seed if sown early. Seeds should be soaked in luke warm water for thirty-six hours before sowing. Mixed varieties. Pkt., 10c; oz., 75c.

Campanula - Canterbury Bells

A hardy biennial, which will flower well the second year from seed. Single, pkt., 10c; oz., 50c. Double, pkt., 10c; oz., \$1.25.

CALYCANTHEMA. (Cup and Saucer.) Beautiful form of Canterbury Bell with a large Saucer at the base of the flower. Grows two feet high, pink, blue and white mixed. Dark Blue, Light Blue, Rose, White, Single, and Double Mixed. Pkt., 15c; oz., \$3.00.

Candytuft - Iberis Umbellata

Candytuft is one of the most prized garden annuals. Easily grown from seed and does not need transplanting. Fine for cut flowers. Mixed colors. Pkt., 10c; oz., 30c.

EMPRESS. Without doubt the finest Candytuft in cultivation, being a complete mass of white flowers in a pyramid of bloom. Mixed. Pkt., 10c; oz., 75c.

Candytuft, Perennial - Iberis Sempervirens

A hardy perennial, white. Pkt., 25c; oz., \$3.00.

Carnations

Carnations are a great favorite with most people who take pride in their old-fashioned garden. They have the most beautiful colors and are easily raised from seed the first year. **MARGUERITE.** Finest double mixed. Our strain of this variety is extra fine, flowers borne on long stems with an abundance of large double flowers. Pkt., 10c; oz., \$1.50.

Centaurea

Well adapted for borders and bedding. Beautiful foliage and flowers freely.

CYANUS. (Corn Flower.) Single and Double Blue, Single and Double Mixed. Pkt., 10c; oz., 50c.

GYMNOCARPA. (Dusty Miller.) Silver leaved. Pkt., 10c; oz., \$1.00.

CANDIDISSIMA. Whiter leaves than Gymnocarpa. Pkt., 15c; oz., \$2.25.

IMPERIALIS. (Sweet Sultan.) Rose, Lavender, Purple, White and Mixed. Pkt., 10c; oz., 75c.

Chrysanthemums

Summer blooming; beautifully colored daisy-like flowers, fine for cutting. Wonderful improvements have been made in this old garden favorite.

CORONARIUM. Double Mixed. Pkt., 10c; oz., 35c. Single Mixed. Pkt., 10c; oz., 40c.

PERENNIAL VARIETIES. Hardy Pompon varieties. Pkt., 25c.

Cineraria

HYBRIDA. Choice mixed. Large flowering. Pkt., 25c.

MARITIMA CANDIDISSIMA. For house and winter decoration no more beautiful or useful plant can be grown. Sow seed in early June. Give cool location and abundance of moisture. Pkt., 10c; oz., 50c.

Clarkia

A very easily grown annual, which has been much improved in recent years. The varieties which are listed below are the best that can be obtained. They do well in either sun or shade. White, Scarlet, and Double Mixed. Pkt., 10c; oz., 75c.

Cobaea

A rapid growing climber with beautiful dark green foliage, bearing on graceful stems, large, bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet blue. **SCANDENS.** Large, bell-shaped. Pkt., 10c; oz., 50c. **SCANDENS ALBA.** Pure white. Pkt., 10c; oz., \$1.50.

Cockscomb - Celosia

A free blooming half-hardy annual. The flowers of some are shaped like a cock's comb; others have plumed heads of brilliant orange and scarlet. All can be cut for dried winter bouquets. The dwarf sorts are fine for borders, the others make good bedding plants.

CRISTATA, MIXED. Pkt., 10c; oz., \$1.75.

GLASGOW PRIZE. Dark Crimson. Pkt., 10c; oz., \$3.00.

CHINESE WOOLFLOWER. (Celosia Childsi). This is a unique form of a feathered cockscomb, growing two to three feet high. Pkt., 15c; oz., \$2.00.

PLUMOSA, TALL MIXED. Pkt., 10c; oz., \$1.00.

Coleus

Ornamental foliage plants of the most varied colorings, resembling the rainbow in gorgeousness.

MIXED HYBRIDS. Pkt., 25c; oz., \$4.50.



Celosia—Chinese Woolflower.

Convolvulus Major - Morning Glory

A beautiful annual climber, one of the most rapidly growing climbers in cultivation, thriving in almost any situation. Mixed. All colors. Pkt., 10c; oz., 15c; lb., 75c.

Coreopsis

LANCEOLATA GRANDIFLORA. This is one of the finest of hardy plants, with large, showy bright yellow flowers produced in the greatest abundance from June till frost. As cut flowers they stand near the head among hardy plants. Pkt., 10c; oz., 75c.

Cosmos

Grace and brilliancy are the characteristics of these beautiful flowers. They resemble single Dahlias with their broad petals surrounding a golden heart, borne on long graceful stems. White, Pink, Crimson, Mixed. Pkt., 10c; oz., 35c. **EARLY FLOWERING MAMMOTH COSMOS.** Immense blooms. White, Pink, Crimson, Mixed, pkt., 10c; oz., 75c. **DOUBLE.** Mixed, White, Pink, Crimson. Pkt., 25c; oz., \$5.00.

Cyclamen

We are specialists in Cyclamen for Florists, and can supply at all times any of the above named sorts, including the Rococo types. Prices on application. Pkt., 25c.

Cypress Vine

Everyone is acquainted with this old-time favorite climbing vine. The beautiful fern-like leaves and star-shaped flowers make it a very desirable fern for all purposes. Mixed. Pkt., 10c; oz., 40c.

Dahlias

One of the best summer and autumn flowering plants, and now enjoying a wide popularity. They will bloom the first year if sown early. Double Mixed. Pkt., 10c; oz., \$2.00.

Datura

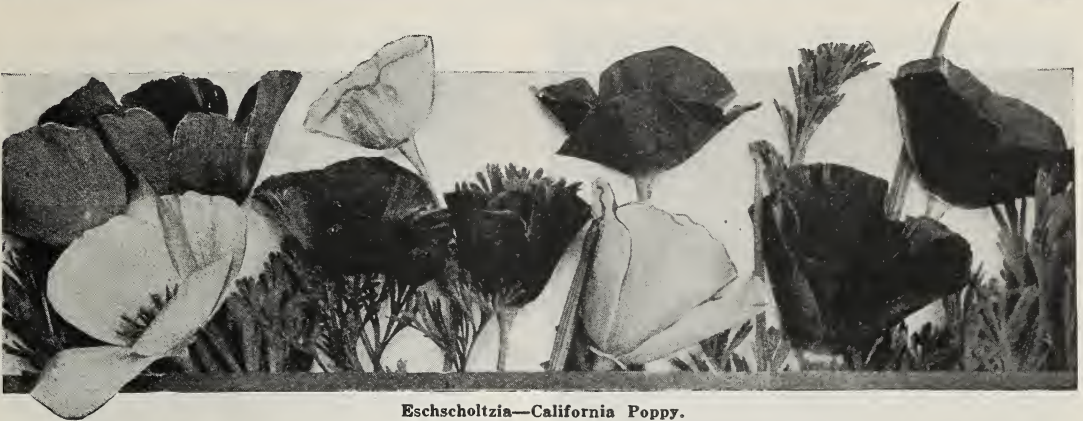
A very showy annual, with large flowers. Pure white. Pkt., 10c; oz., 50c.

Delphinium - Perennial Larkspur

These handsome, stately border plants produce long bold flower spikes ranging in color from the palest sky blue to the darkest shades of indigo and violet, and are unrivalled for producing blue effects in the summer border. If after the first flowering the stems are cut down close to the ground to induce fresh growth, they will bloom again in autumn. **BELLADONNA.** Cambridge blue, white center. Pkt., 10c; oz., \$3.00. **FORMOSUM.** Beautiful spikes of rich blue flowers. Pkt., 10c; oz., \$2.50. **GOLD MEDAL HYBRIDS.** A splendid mixture. Pkt., 10c; oz., \$2.00.



Delphinium - Larkspur.



Eschscholtzia—California Poppy.

Didiscus - Blue Lace Flower

An interesting annual, which blooms from July to November. The pale lavender blossoms are excellent for cutting. 18 inches high. Pkt., 10c; oz., \$2.00.

Dianthus or Pinks

The Dianthus are better known as Chinese Pinks and are always used in old-fashioned gardens. Blooms the first year from seed and will also bloom the second year if protected through the winter. Double China Mixed, pkt., 10c; oz., 50c. Double Japan, pkt., 10c; oz., \$1.00.

HARDY GARDEN PINKS. (Plumarius fl. pl.) Double hardy garden pink. Pkt., 10c; oz., \$2.00.

PLUMARIUS. (Grass Pink or Pheasant's Eye.) Mixed. Pkt., 10c; oz., \$1.00.

Digitalis - Foxglove

Hardy perennial, bearing long spikes of beautiful colored flowers, fine for planting in hardy borders or among shrubbery.

GLOXINIAEFLORA. Purple, Rose, White, Mixed. Pkt., 10c; oz., 75c.

Sweet William

DIANTHUS BARBATUS. The Sweet William is a fine old plant which produces great masses of bloom of extremely rich and varied colors. The flowers are very lasting and fine for cutting. Single Mixed, pkt., 10c; oz., 50c. Double Mixed, pkt., 10c; oz., 75c.

Dimorphotheca - African Golden Daisy

AURANTIACA. A fine showy daisy from South Africa. Color rich, glossy orange gold, with dark center. Sow seed in spring and transplant to sunny position. They will bloom the greater part of the summer. Pkt., 10c; oz., \$1.00.

Dolichos - Hyacinth Bean

A rapid growing annual climber. Blooms freely in clusters, which are followed by ornamental seed pods. Mixed. All colors mixed. Pkt., 10c; oz., 25c.

Dracaena

INDIVISA. Beautiful long green leaves, useful for baskets, porch boxes or tubs. Pkt., 10c; oz., 75c.

Eschscholtzia - California Poppy

(California State Flower.)

Very brilliant flowers, produced in great numbers. They may be sown in spring, although fall sowing will give better results. Mixed. Pkt., 10c; oz., 35c.

Eupatorium

A splendid native plant, growing six to ten feet high, immense heads of purplish pink flowers; fine for naturalizing along streams and ponds, and for planting among shrubbery.

COELESTINUM. Lavender flowers. Pkt., 10c; oz., \$2.00.

Euphorbia - Snow-on-the-Mountain

Showy border plant, easily grown. Beautiful foliage. Edged and veined with white. Annual.

VARIEGATA. Pkt., 10c; oz., 75c.

Gaillardia - Blanket Flower

Showy border plants producing flowers from July to September. A continual supply of richly-colored flowers ranging from clear yellow to glowing scarlet red. Extra fine for cutting.

PICTA. Annual. Mixed. Pkt., 10c; oz., 40c.

GRANDIFLORA. Perennial. Choice mixed. Pkt., 10c; oz., 75c.

Geum

Well known hardy perennials noted for their rich coloring and freedom of flowering. Most useful for cutting and the rockery or border.

ATROSANGUINEUM, Fl. Pl. Pretty border plants, growing 18 inches high and producing brilliant scarlet flowers throughout the summer. Pkt., 10c; oz., \$2.00.

Globe Amaranth - Gomphrena globosa

A first rate bedding plant. The flowers resemble clover heads and can be dried and used in winter bouquets. Mixed. Pkt., 10c; oz., 25c.

Godetia

Hardy annual, about one foot high, of compact growth, bearing a profusion of beautiful cup-shaped flowers. Colors, Deep Red, Pink, and White. Fine mixed. Pkt., 10c; oz., 75c.



Gaillardia—Blanket Flower.



Gypsophila Paniculata.

Gourds

(Both useful and ornamental.)

Rapid growing, interesting annual climbing plants, with ornamental foliage and curious-shaped fruit. Excellent for a screen around the back porch as they are remarkably free from insects. Height, ten to twenty feet.

DIPPER. A round gourd with a long neck making an excellent dipper.

EGG. White, egg-shaped, does not crack and is not injured by heat or cold.

HERCULES CLUB. The fruit is a long club-shaped gourd.

DISH CLOTH or LUFFA. Has a very curious long green fruit inside of which is a fibrous mass. When shelled and the seeds removed this makes a good dish cloth.

CALABASH.

MIXED GOURDS.

All above. Pkt., 10c; oz., 40c.

Gypsophila - Baby's Breath

An elegant border plant, the light graceful sprays of flowers being used for mixing with Sweet Peas and other cut flowers.

ELEGANS. Pure white. Annual. Pkt., 10c; oz., 25c.

CARMINEA. A beautiful pink variety. Pkt., 10c; oz., 50c.

Hardy Perennial Varieties

PANICULATA. A very hardy perennial, small single white flowers. Pkt., 10c; oz., 60c.

PANICULATA FL. PL. The new double flowering Baby's Breath, smothered with dainty double, white flowers, which when cut and dried are useful for table decoration in winter. Pkt., 25c; ¼ oz., \$1.00.

Helenium

Handsome plants, allied to the sunflowers. Of the easiest culture, forming dense masses of bloom in late summer or autumn. Mixed. Pkt., 10c; oz., \$2.00.

Heliopsis - Orange Sunflower

Similar in general habit to Helianthus, but commencing to flower earlier in the season. July and August.

ZINNIAEFLORA. Pkt., 10c; oz., \$1.25.



Helichrysum—Orange Sunflowers.

Helichrysum Monstrosum Fl. Pl.

This is one of the best straw flowers, and when dried it is very useful for table decoration in winter. Very large, double flowers, and a fine assortment of colors.

FIREBALL. Rich, bright red. Pkt., 10c; oz., \$1.00.

GOLDEN BALL. Golden yellow. Pkt., 10c; oz., \$1.00.

SILVER BALL. Silvery white. Pkt., 10c; oz., \$1.00.

ROSE QUEEN. Pkt., 10c; oz., \$1.00.

SALMON QUEEN. Pkt., 10c; oz., \$1.00.

VIOLET QUEEN. Pkt., 10c; oz., \$1.00.

MIXED. Pkt., 10c; oz., 50c.

Heliotrope

Very fragrant blue and white flowers, splendid for pots and gardens. Mixed. Pkt., 10c; oz., \$2.00.

Heuchera - Coral Bells

SANGUINEA. Very hardy perennial, beautiful coral red spikes of bloom. Pkt., 25c; oz., \$6.00.



Gourds.

Hibiscus - Marsh Mallow

Very hardy. A vigorous plant of easy culture, growing about two feet high with handsome flowers.

MALLOW MARVELS. Mixed colors. Pkt., 10c; oz., 75c.

Hollyhock

We give particular attention to this most popular flower. Seed sown in June or earlier will flower the following summer.

CHATER'S SUPERB. Double, White, Pink, Maroon, Lilac, Salmon, Scarlet, Yellow. Mixed. Pkt., 10c; oz., \$1.50.

SINGLE. White, Pink, Salmon, Maroon, Red, and Yellow. Mixed. Pkt., 10c; oz., \$2.00.

Honesty - Lunaria

Grown mostly for their large flat silvery pods used for winter bouquets. Pkt., 10c; oz., \$1.00.

Humulus - Japanese Hop

JAPONICUS. A very fast growing annual climber, foliage much like the common hop, is very dense, and in color a beautiful green. Pkt., 10c; oz., 75c.

VARIEGATUS. A variegated variety of above. Pkt., 10c; oz., \$1.00.

Ice Plant - Mesembryanthemum

CRYSTALLINUM. Dwarf trailing annual, flowers white with icy foliage. Pkt., 10c; oz., 75c.



Kochia.

Job's Tears - Coix

The Beads or Tears pearly white to lead color. Pkt., 10c; oz., 15c; lb., 75c.

Kochia - Summer Cypress

An annual of easy culture, three feet high with beautiful foliage which will turn from green to a deep rich red in the autumn. Pkt., 10c; oz., 40c.

Kudzu Vine

JACK-IN-THE-BEAN-STALK-VINE. A very rapidly growing vine, foliage dense. Fine for covering arbors and porches. Pkt., 10c; oz., 50c.

Lantana

Large verbena-like flowers borne in rich umbels of rich shades of Orange and Rose. For border and beds. Mixed. Pkt., 10c; oz., 40c.

Lathyrus

PERENNIAL SWEET PEAS. Mixed. Pkt., 10c; oz., \$1.00.

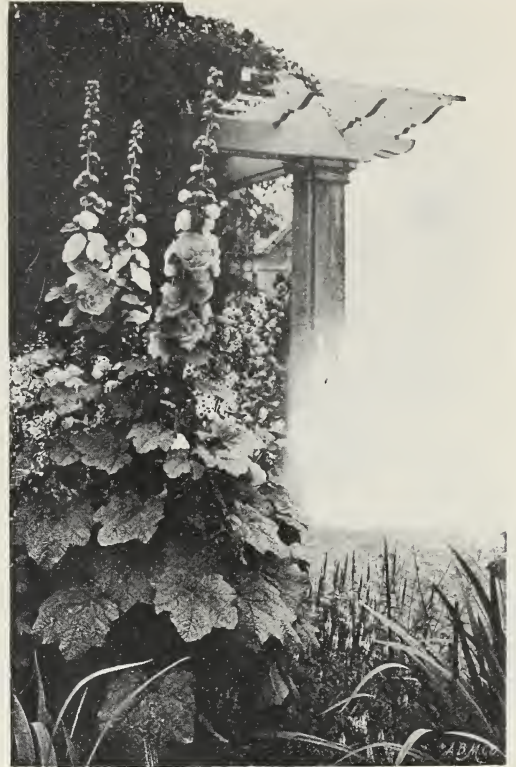
Larkspur - Annual

Beautiful spikes of double flowers in many shades, ranging from pure white to deep rich pink. Very decorative hardy annuals.

DWARF ROCKET. Mixed. Pkt., 10c; oz., 50c.

Lavatera - Annual Mallow

TRIMESTRIS GRANDIFLORA ROSEA. A very beautiful annual, growing about two feet high and bearing cup-shaped pink flowers the entire season. Pkt., 10c; oz., \$1.00.



Hollyhocks.

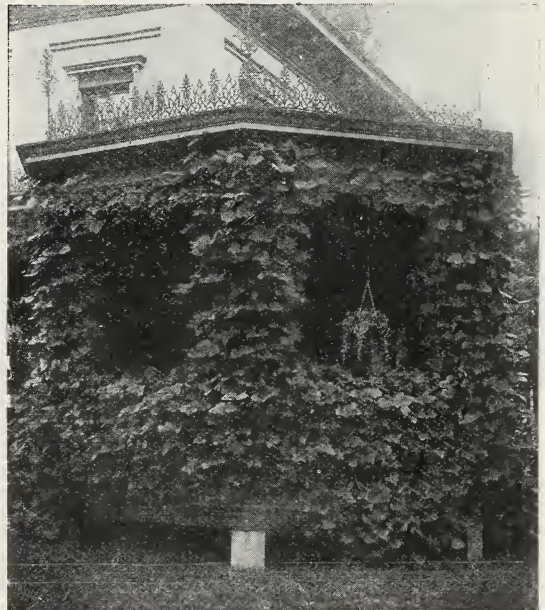
Ipomoea

GRANDIFLORA. (Moonflower.) A rapid growing annual climber. At night and during very dull days the plants are covered with beautiful white blossoms; very fragrant. White. Pkt., 10c; oz., 50c.

RUBRA CAERULEA. (Blue.) Pkt., 10c; oz., 75c.

QUAMOCLIT HYBRID. (The Cardinal Climber.) Pkt., 10c; oz., \$2.00.

IMPERIAL JAPANESE MORNING GLORIES. Pkt., 10c; oz., 25c.



Kudzu Vine.



Lobelia, Crystal Palace Compacta.

Lavandula - Lavender

VERA. Sweet-scented hardy perennial. Pkt., 10c; oz., 75c.
10c; oz., 75c.

Linaria - Kenilworth Ivy

Very pretty hardy evergreen creepers, well adapted for growing in pots or for covering walls or crevices.
CYMBALARIA. Pkt., 10c; oz., \$2.50.

Linum - Flax

Erect growing plants with showy flowers which open in the sunshine. Blooms continuously and of easy culture in full sun.

GRANDIFLORUM RUBRUM. (Scarlet Flax.) A fine hardy annual with brilliant scarlet crimson flowers. Pkt., 10c; oz., 50c.

PERENNE. Perennial. Blue flowers. Pkt., 10c; oz., 75c.

Lobelia

The dwarf compact varieties are used for edging, while the trailing sorts are used for hanging baskets, porch boxes, etc. **CRYSTAL PALACE COMPACTA.** Rich deep blue, dwarf growing variety; the best for edging. Pkt., 10c; oz., \$1.50. **BLUE EMPEROR.** (Delphinium Imperiale.) Finest double mixed, very elegant candelabra habit, with short branches. Pkt., 10c; oz., \$2.00.

GRACILIS. Trailing variety for hanging baskets. Light Blue. Pkt., 10c; oz., 50c.

CARDINALIS. Handsome border plant, crimson scarlet flowers. Hardy perennial. Pkt., 15c; oz., \$2.50.

Lupins

The Lupins may be classed among the most beautiful of hardy garden flowers. A Lupin border makes a picture once seen not soon forgotten and maintains a floral display from May to September.

TALL ANNUAL. All colors mixed. Pkt., 10c; oz., 50c.

POLYPHYLLUS. Hardy perennial. Mixed. Pkt., 10c; oz., 75c.

Lychnis

Hardy perennial, will bloom first year from seed if sown early. These may be classed among the best known and most popular of old-fashioned flowers. Of easiest culture and most pleasing habit.

CHALCEDONICA. Sometimes called Maltese Cross. Flowers beautiful scarlet, fine for massing. Pkt., 10c; oz., 75c.

VISCARIA. ROSE CAMPION. A very pretty pink variety. Pkt., 10c; oz., \$1.25.

Marvel-of-Peru - Four-O'clock

One of the old favorite annuals; an old-fashioned plant of bushy growth. The flowers, which are produced in clusters, open in the afternoon and wither in the morning. All colors mixed. Pkt., 10c; oz., 25c.

Matricaria - Feverfew

For beds and edges. Half hardy perennial. Double White. Pkt., 10c; oz., 50c.

CAPENSIS ALBA PLENA. Pkt., 10c; oz., 75c.

Marigold

Extremely showy, well adapted to garden culture, blooming profusely throughout the season.

DWARF FRENCH. Dark Brown. Pkt. 10c; oz., 75c. Gold Striped, pkt., 10c; oz., 75c. Mixed, pkt., 10c; oz., 75c.

TALL AFRICAN. Orange Ball, pkt., 10c; oz., 75c. Lemon Ball, pkt., 10c; oz., 75c. Mixed, pkt., 10c; oz., 75c.

SINGLE FRENCH. Legion of Honor. Pkt., 10c; oz., 75c.

Mignonette

A flower with a very delicate odor making a splendid addition to any bouquet.

SWEET. Hardy annual. This deliciously-scented flower should not be missing from the garden. Pkt., 10c; oz., 25c.

DEFIANCE. Large flower spikes and very fragrant. Pkt., 10c; oz., 75c.



African Marigold.



Mignonette.

Mimosa

PUDICA. (Sensitive Plant.) Flowers globular, oblong, purplish. Pkt., 10c; oz., 50c.

Momordica

(Annual Climber.)

BALSAMINA. (Balsam Apple.) Pkt., 10c; oz., 50c.
CHARANTIA. (Balsam Pear.) Pkt., 10c; oz., 50c.

Mimulus

Pale yellow flowers, highly dotted and splashed with brown.

MOSCHATUS. (Musk Plant.) Pkt., 25c; ¼ oz., \$1.50.
TIGRINUS. (Monkey Flower.) Pkt., 10c; oz., \$2.50.

Myosotis - Forget-Me-Not

Hardy perennial of easy culture. Blooms first year from seed. The flowers are small and star-shaped, borne in clusters on long stems.

INDIGO BLUE. Pkt., 10c; oz., \$1.50.
ALPESTRIS. Blue. Pkt., 10c oz., 60c.
ALPESTRIS. Mixed. Pkt., 10c; oz., \$1.00.

Nasturtiums

Nasturtiums require little care and bloom freely.

TALL NASTURTIIUMS. Usually used for arbor or trellis planting but do equally well for mass planting without supports. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.
DWARF NASTURTIIUMS. The dwarf varieties are excellent for borders, along paths, and for pot culture. Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Nicotiana Affinis - Tobacco Plant

The tubular fragrant flowers open morning and evening and are very attractive for border or beds. The plant attains a height of 3 feet. Pure White. Pkt., 10c; oz., 35c.

Nigella Damascena - Love-in-a-Mist

Growing easily from seed and having a great abundance of long-stemmed flowers, which are the most beautiful corn-flower blue. Mixed. Pkt., 10c; oz., 35c.

Oenothera - Evening Primrose

Fine for margins of shrubbery, excellent for perennial border and naturalizing. Their large clusters of showy fragrant flowers produce a fine effect.

MISSOURIENSIS. Yellow. Pkt., 10c; oz., \$1.00.

Pansies

Seed may be sown either in the fall or very early in the spring. Use good soil and transplant just as soon as the plants are large enough to handle. Plant them out in the open, give them plenty of water and thorough cultivation.

GIANT TRIMARDEAU. Vigorous plants with large, three-blotched flowers. Recommended for professional growers. Yellow with Eye. Pkt., 10c; oz., \$2.50.
Lord Beaconsfield. Violet. Pkt., 10c; oz., \$2.50.
Meteor. Mahogany. Pkt., 10c; oz., \$2.50.
Pure Yellow. Pkt., 10c; oz., \$2.50.
Albo Puro. White. Pkt., 10c; oz., \$2.50.
Blue with White Margin. Pkt., 10c; oz., \$2.50.
Mixed. Pkt., 10c; oz., \$2.00.
STEELE'S MASTODON. \$6.00 per oz.
NON PLUS ULTRA. \$5.00 per oz.
LOHRMAN'S PREMIUM MIXTURE. EXTRA FINE. \$4.00 per oz.
TUFTED PANSIES or **VIOLAS.** Pkt., 10c; oz., \$2.00.



Nasturtiums.

Pentstemon

A valuable plant for borders and beds. The showy flowers are borne on long terminal spikes. Begin blooming early, continuing in bloom all season. They prefer a dry, light soil. Mixed. Pkt., 10c; oz., \$1.00.

Petunias

These are one of the most indispensable and valuable of our summer flowers. They are of the very easiest culture, thrive almost anywhere with the least care. **SUPERFINE MIXED,** pkt., 10c; oz., \$1.00. Large Flowering, **DOUBLE MIXED,** pkt., 25c. Large Flowering, **SINGLE FRINGED,** pkt., 25c.



Pansies.



Phlox Drummondii.

Phlox Drummondii

The seed may be sown any time after danger of frost and in a few weeks the plants are a mass of bloom, remaining so until frost. White, Pink, Crimson, Primrose, Lilac, pkt., 10c; oz., \$1.00. Mixed, Pkt., 10c; oz., 75c.

Hardy Perennial Phlox

DECUSSATA. Mixed. A great variety of colors. If the first spikes of bloom are removed as soon as over, and the plants given a good watering they will produce a second supply of flowers. Pkt., 15c; oz., \$3.00.

Physostegia - False Dragon Head

VIRGINICA. Erect spikes of pretty pink flowers. Pkt., 10c; oz., \$1.50.

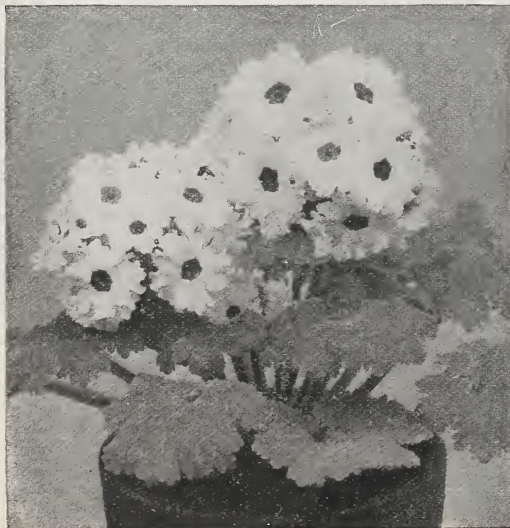
VIRGINICA ALBA. A beautiful white variety. Pkt., 10c; oz., \$2.00.

Physalis - Chinese Lantern Plant

An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange scarlet lantern-like fruit. Pkt., 10c; oz., \$1.25.

Platycodon - Japanese Bellflower

Very handsome hardy perennials with beautiful large bell-shaped flowers like the Campanulas. They are very effective for borders or for the rock garden. Pkt., 10c; oz., \$1.50.



Primula Chinensis.

Poppies - Annual

An old-fashioned flower that has come back into popular favor. They bear so profusely and are of such brilliant colors that they are especially valuable for mass planting. DOUBLE CARNATION FLOWERED, pkt., 10c; oz., 25c. SHIRLEY. Pkt., 10c; oz., 50c.

Poppies - Hardy Perennial

ORIENTALE POPPIES have very few rivals among hardy plants. Scarlet, Pink, Mixed Hybrids, pkt., 10c; oz., \$2.00. ICELAND. Pkt., 10c; oz., \$1.50.

Portulaca

A very free flowering plant, excellent for borders, rockeries and wherever a dazzling color effect is desired. Seed sown in May will bloom during July. Single Mixed, pkt., 10c; oz., 75c. Double Mixed, pkt., 10c; oz., \$2.50.

Primulas

After sowing the seed only the thinnest covering of sifted soil is needed. They are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care.

CHINENSIS. Pkt., 25c.

OBCONICA. Pkt., 25c.

VULGARIS. Pkt., 25c; 1/8 oz., \$1.00.

VERIS. Pkt., 25c; 1/8 oz., 75c.

Pyrethrum

Decorative border plants, producing in June a great profusion of flowers, which vary in color from snow white to the richest crimson.

HYBRIDUM GRANDIFLORUM. Mixed. Pkt., 10c; oz., \$2.50.

Ricinus - Castor Oil Bean

Very handsome and distinct new varieties, very large ornamental foliage, with distinct mid-ribs.

SANGUINEOUS. Pkt., 10c; oz., 25c.

ZANZIBARENSIS. Pkt., 10c; oz., 25c.

MIXED. Pkt., 10c; oz., 25c.

Rudbeckia - Cone Flower

NEWMANNI. The perennial form of the "Black-Eyed Susan." Deep orange yellow flowers, with a dark purple cone; long, wiry stems; blooms all summer. Pkt., 10c; oz., \$2.00.

Salpiglossis - Painted Tongue

Easily grown annual, flowers vividly marked, spotted and striped; sometimes called the Velvet flower. Mixed. Pkt., 10c; oz., 75c.

Salvia

Magnificent bedding plant of the most brilliant character. The tall spikes carrying their masses of fiery bloom produce a truly dazzling effect. As hedges along walks or drives they never fail to attract attention.

SPLENDENS. One of the best of the variety and more in use than any other sort. Pkt., 10c; oz., \$2.00.

BONFIRE. Fine sort. Pkt., 15c; oz., \$3.50.

FIRE BALL. Very early dwarf. Pkt., 15c; oz., \$4.00.

ZURICH. The best dwarf sort known. Pkt., 15c; oz., \$3.50.

SALVIA AZUREA. Rocky Mountain, pretty sky blue flowers in greatest profusion. Pkt., 10c; oz., \$2.00.



Platycodon—Bellflower.

Scabiosa - Pin Cushion Flower

Very free flowering ornamental plants. One of the best and most satisfactory for cutting, the blossoms being borne on tall, erect stems, in a great variety of colors from white to almost black. No garden can afford to be without them.

AZURE FAIRY. Pkt., 10c; oz., 50c.
YELLOW. Pkt., 10c; oz., 50c.
ROSE. Pkt., 10c; oz., 50c.
CHERRY RED. Pkt., 10c; oz., 50c.
LILAC. Pkt., 10c; oz., 50c.
MIXED. Pkt., 10c; oz., 50c.
CAUCASICA, PERENNIAL. Pkt., 15c; oz., \$3.50.

Schizanthus - Butterfly or Fringe Flower

Beautiful plant for garden in summer and for house culture in winter. Most satisfactory for cutting. Mixed. Pkt., 10c; oz., 50c.

Silene - Catchfly

Very pretty dwarf plants, used mostly for borders, thriving in almost any common soil and easy of cultivation. Pkt., 10c; oz., 50c.

Statice - Sea Lavender

LATIFOLIA. A most valuable plant for either the border or rockery. Mixed. Pkt., 10c; oz., \$1.00.

Stocks

A very popular annual, very fragrant and blooming the greater part of the summer. Used for beds or borders.

LARGE-FLOWERED DWARF TEN WEEKS STOCKS. Pkt., 10c; oz., \$2.00.
PRINCESS ALICE. White. Pkt., 10c; oz., \$3.00.

Stokesia Cyanea - Cornflower Aster

A most desirable hardy perennial with azure blue or lavender, cornflower-like bloom, blossoming continuously from July till late frosts. Mixed. Pkt., 10c; oz., \$1.50.

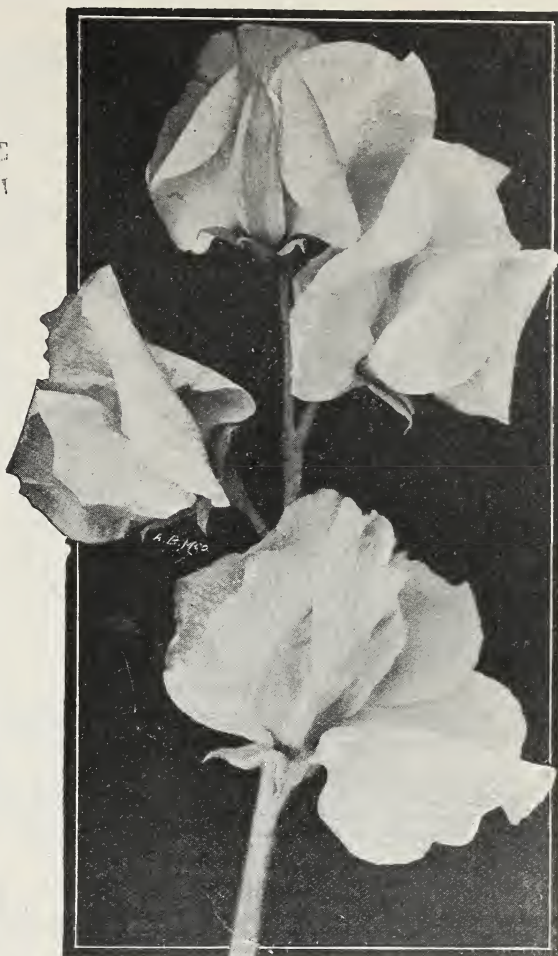
Sunflower

We have in this class plants of very stately growth with immense gaudy flowers, fine for wild gardens, along fences or garden walls.

DOUBLE CHRYSANTHEMUM FLOWERED. Pkt., 10c; oz., 30c.
STELLA. Pkt., 10c; oz., 30c.



Large-Flowered Ten Weeks Stocks.



Spencer Sweet Peas.

Sweet Peas

In giving a list of Sweet Peas we have confined ourselves to those sorts that have been tested as the strongest growers and from the various shades and colors have selected those which are the clearest and truest.

Lohrman's Superb Collection of Grandiflora Varieties**GRANDIFLORA.**

Black Knight. Maroon.
Blanche Ferry. Pink and White.
Dorothy Eckford. White.
Flora Norton. Clear Blue.
Mrs. E. Kenyon. Primrose.
King Edward VII. Crimson Scarlet.
Lady Grisel Hamilton. Pale Lavender.
Lord Nelson. Navy Blue.
Miss Wilmott. Orange Pink.
Prima Donna. Pure Pink.
Superfine. Mixed.
 All of the above varieties. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

Lohrman's Selection of Choicest Spencer Varieties**SPENCER.**

Barbara. Salmon.
Dobbie's Cream. Primrose.
Elfrida Pearson. Light Pink.
Florence Nightingale. Lavender.
King Edward Spencer. Crimson Scarlet.
King White. Pure White.
Margaret Atlee. Rich Pink.
Margaret Madison. Azure Blue.
The President. Orange Scarlet.
Superfine Mixed. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.50.

Sweet Rocket

Flower early in spring, thriving well in any common soil; very fragrant, two to three feet. White, Lilac, and Purple. Pkt., 10c; oz., 50c.

Thunbergia - Black-Eyed Susan

Beautiful rapid growing annual climber. Prefers a sunny position. All colors mixed. Pkt., 10c; oz., \$1.50.

Tritoma - Red-Hot Poker, Flame Flower or Torch Lily

PFITZERI. (The Everblooming Flame Flower.) The early, free and continuous blooming qualities of this variety have made it one of the great bedding plants. Pkt., 10c; oz., \$2.00.

Valeriana - Hardy Perennial

A showy perennial border plant suitable for bouquets or decorations.

RUBRA GARDEN HELIOTROPE. Pkt., 10c; oz., 75c.

Verbena

One of the easiest grown annuals. For constant and profuse flowering, and for brilliancy and beauty of coloring it has no equal. Start seed early under glass, if possible, that good strong plants may be had for transplanting in the garden. They will commence blooming early in June and continue until after severe frosts.

MAMMOTH. White, Pink, Scarlet, Blue, and Mixed. Pkt., 10c; oz., \$1.50.

LEMON VERBENA. Aloysia Citriodora. Pkt., 10c; oz., \$2.50.

Vinca - Periwinkle

Of the easiest culture, growing readily from seed and flowering the same season. Plants have dark, green foliage and make fine bedding and pot plants. Pkt., 10c; oz., \$1.50.

Violet

(Sweet Scented Violet.) Well known favorite, much in demand, on account of its abundant and fragrant blossoms. Pkt., 25c; oz., \$4.00.

Wallflower

An old-fashioned English flower, greatly esteemed for its fragrance. Single Mixed, pkt., 10c; oz., 75c. Double Mixed, very choice, pkt., 15c; oz., \$4.00.

Wild Cucumber

One of the fastest growing vines, useful for covering old tree stumps, unsightly fences and buildings. Pkt., 10c; oz., 25c.

Xeranthemum

One of the prettiest of the everlasting flowers, useful for bouquets in winter when dried. Pkt., 10c; oz., 75c.



Verbenas.

Yucca - Adam's Needle

FILAMENTOSA. Among hardy plants there is none more effective and striking for isolated positions on the lawn or on dry banks where few plants thrive. It is also indispensable for the rockery. Pkt., 10c; oz., \$1.00.

Zinnias

One of the most popular and most extensively used of all hardy annuals. The following list comprises very choice varieties of the most brilliant colors. Requires but little attention; will grow in any good garden soil.

DOUBLE GIANTS. An improved strain with enormous flowers.

Burnt Orange. Pkt., 10c; oz., \$2.00.

Purple. Pkt., 10c; oz., \$2.00.

Deep Flesh. Pkt., 10c; oz., \$2.00.

Scarlet. Pkt., 10c; oz., \$2.00.

Golden Yellow. Pkt., 10c; oz., \$2.00.

Canary. Pkt., 10c; oz., \$2.00.

Mixed. Pkt., 10c; oz., \$1.25.

TALL DOUBLE, MIXED. Pkt., 10c; oz., 60c.

DWARF DOUBLE MIXED. Pkt., 10c; oz., 60c.

CURLED and CRESTED, MIXED. Pkt., 10c; oz., \$1.00.

GIANT DAHLIA FLOWERED, MIXED. Pkt., 10c; oz., \$2.00.

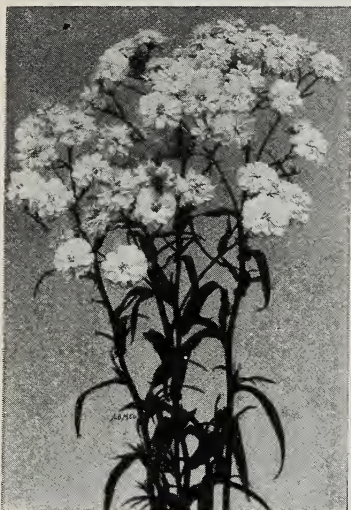


Zinnias.

Hardy Perennial Plants

Two Year Field Grown

Except where noted, the price of Perennials is 25c each or \$2.50 per dozen. For descriptions, see Flower Seed Sections, pages 20 to 30.

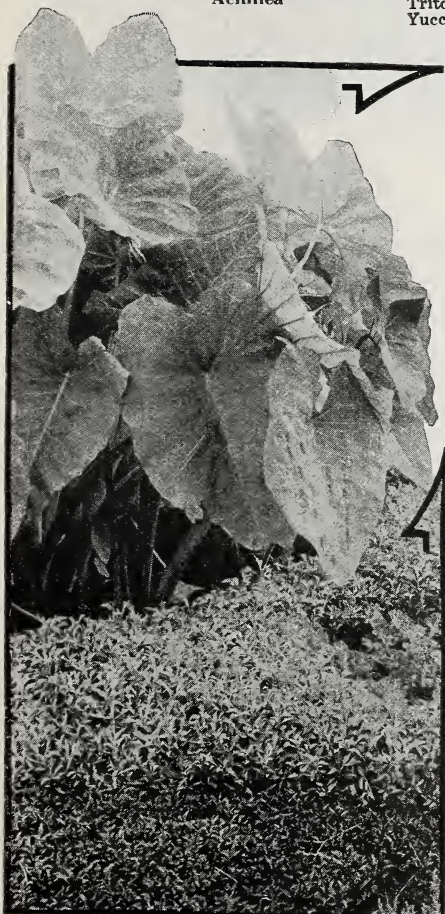


Achillea

- Achillea, "The Pearl"
- Agrostemma Coronaria
- Anemone Coronaria
- Anchusa Italica, Dropmore Variety
- Aquilegia (Columbines)
- Aster, Perennial
- Boltonia
- Canterbury Bells
- Coreopsis
- Delphinium Belladonna
- Delphinium Formosum
- Delphinium Bluebird, 35c each; \$3.50 per doz.
- Delphinium, Bluebird, 35c each; \$3.50
- Digitalis (Foxglove)
- Gaillardia Grandiflora
- Gypsophila Paniculata
- Hemerocallis (Lemon Lily)
- Hibiscus or Mallovs
- Hollyhocks
- Linum
- Lychnis
- Lobelia Cardinalis
- Lupinus
- Meehan's Mallow Marvels, \$1.00 each; \$10.00 per doz.
- Platycodon (Bellflower)
- Poppy, Orientale
- Salvia Farinacea
- Statice Latifolia
- Stokesia
- Sweet Rocket
- Sweet William
- Tritoma Pätzleri, 50c each; doz., \$5.00.
- Yucca Filamentosa, 35c each; doz., \$3.50.



Digitalis.



Caladium.

Bulbs and Roots for Spring Planting

Caladium or Elephant's Ear

LARGE SIZE BULBS. 25c each; \$2.50 per doz.
SMALL SIZE BULBS. 15c each; \$1.50 per dozen.

Tuberoses

DOUBLE DWARF PEARL. First size bulbs. 10c each; \$1.00 per doz.; \$8.00 per 100.

Madeira Vine

A valuable climber for porches, arbors, etc. The flowers are white and very fragrant and the foliage is a beautiful glossy green. 10c each; \$1.00 per doz.

Cinnamon Vine

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. 10c each; \$1.00 per doz.

Ismene Calathina - Peruvian Daffodil

A summer flowering bulb, producing large white Amaryllis-like flowers. Plant out in June and take bulbs up in October, keeping them for the next season. 15c each; \$1.50 per dozen.

Summer Hyacinths

A white, summer flowering Hyacinth with 20 to 30 bell-shaped flowers. Height, 3 to 5 feet. 15c each; \$1.50 per dozen.

OUR FERTILIZERS
Will Stimulate the Growth of
All Plants in Your Flower
Garden

Dahlias

The Dahlia is coming to the front in the ranks of summer flowering plants. There is nothing that can equal them in range of color and abundance of bloom. They are splendid for cut flower work and command attention wherever grown. Plant in good, rich garden soil; set three feet apart, and for best results, allow but one stalk in a hill. Before freezing weather dig and store in frost-proof cellar. We can supply a choice collection of colors.

	Each	Doz.
Arabella. Show. Primrose, shaded rose . . .	\$0.25	\$2.50
A. D. Livoni. Show. Pink . . . . .	.25	2.50
Catherine. Pompon. Canary yellow . . .	.25	2.50
Chas. Lanier. Show. Soft orange . . . . .	.25	2.50
Countess of Lonsdale. Cactus. Salmon. . .	.25	3.50
Esie Burgess. Show. White, overlaid with lavender. . . . .	.50	5.00
Floradora. Cactus. Wine crimson. . .	.25	2.50
John Wanamaker. Decorative. Lavender pink. . . . .	.50	5.00
King of Autumn. Decorative. One of the best autumn colored. . . . .	.75	7.50
Marguerite Bouchon. Cactus. Pink, tipped white with white center . . . . .	.75	7.50
Masterpiece. Decorative. Autumn colors. . .	.50	5.00
Oregon Beauty. Decorative. Intense oriental red. . . . .	.35	3.50
Rheinkoenig. Cactus. Pure white. . . . .	.25	2.50
Sherlock. Cactus. Orange bronze. . . . .	.35	3.50
Royal Purple. Show. Deep purple. . . . .	.25	2.50
Snowball. Show. Fine white. . . . .	.25	2.50
Sylvia. Decorative. White, edged pink. . .	.25	2.50
Yellow Duke. Decorative. Canary. . . . .	.25	2.50
Double Dahlias, un-named, in orange, pink, purple, red, white and yellow . . .	.15	1.50



Different Varieties of Dahlias.

Gladioli

The Gladiolus is the most attractive of all the summer flowering bulbs, and deserves a place in every garden, as it is sure to flower and do well with very little care. Set the bulbs from 6 to 9 inches apart, and about 4 inches deep. Plant from middle of March to first of June. We can supply choice varieties.



The Gladiolus is Unsurpassed as a Cut Flower.

	Doz.	100
America. Soft lavender pink.	\$0.60	\$4.00
Attraction. Deep crimson. White center	1.00	7.00
Augusta. White with blue anthers. . . . .	.75	5.00
Autumn Queen. Cream yellow, suffused pink. Carmine stripe.	1.00	7.00
Baron J. Hulot. Rich dark velvety purple.	1.50	10.00
Brenchleyensis. Intense fiery scarlet	1.00	7.00
Chicago White. Best white. . . . .	.75	5.50
Empress of India. Rich dark maroon.	1.50	10.00
Halley. Salmon pink.	1.00	6.00
Herada. Mauve.	1.50	10.00
Mrs. Francis King. Flame color. . . . .	.75	5.00
Mrs. Dr. Norton. Soft white. Petals La France pink.	1.75	12.00
Mrs. Watt. American Beauty shade.	1.50	10.00
Panama. Rich pink. . . . .	.85	6.00
Peace. White, feathered lilac.	1.00	7.00
Prince of Wales. Coral pink.	1.50	10.00
Schwaben. Best yellow. . . . .	.85	6.00
War. Deep blood red.	1.25	8.00



Bed of Cannas.

Hardy Lilies

- AURATUM.** Gold-banded Japanese lily. White, spotted with crimson and with a gold band on each petal. A beautiful addition to the hardy garden. Each, 50c; doz., \$5.00.
- SPECIOSUM RUBRUM.** White, shading to pink with crimson spots. Each, 50c; doz., \$5.00.
- SPECIOSUM ALBUM.** Pure white with green band through center of each petal. Each, 50c; doz., \$5.00.
- TIGRINUM SPLENDENS.** Single Tiger Lily. Orange with dark spots. Each, 35c; doz., \$3.50.
- TIGRINUM FLORE PLENO.** Double Tiger Lily. Orange, spotted black. Each, 35c; doz., \$3.50.



Lilium Auratum.

Cannas

GREEN LEAF VARIETIES.

They grow rapidly and bloom for a long season, succeeding in sunny positions in almost any kind of soil and responding quickly to liberal treatment by gorgeousness of bloom, size of foliage, and height of stems. Give us the colors you want and whether tall or dwarf varieties and we will make good selection.

Yellow King Humbert. An orchid flowering sport of the well known King Humbert. Foliage a very dark green, with flowers 5 to 7 inches across and petals 3 to 3½ inches in diameter. Color of flower a rich deep yellow, spotted and blotched with bright red. Each, 20c; doz., \$2.00.

Florence Vaughan. The original speckled Canna. Yellow peppered with bright red. 4 feet. Each, 20c; doz., \$2.00.

Wintzer's Colossal. The effect produced by the vivid scarlet flowers is very striking. It is the largest canna yet introduced, also the earliest, most persistent and most prolific bloomer, 5 feet. Each, 20c; doz., \$2.00.

Crimson Bedder. Dazzling crimson scarlet well displayed above the foliage. One of the most conspicuous and satisfactory red bedding cannas. 4 feet. Each, 20c; doz., \$2.00.

Mrs. A. Conard. The grandest salmon pink canna in existence. Magnificent heads of perfectly formed, lasting flowers of almost indescribable beauty. 4 feet. Each, 30c; doz., \$3.00.

Hungaria. A magnificent pink canna in color similar to the Paul Neyron rose. Petals large and waxy. One of the most popular pink cannas ever produced. 4 feet. Each, 25c; doz., \$2.50.

Queen Charlotte. Makes a gorgeous display in masses. Color, a wide, ragged band of yellow, bordering a center of scarlet suffused carmine. 3½ feet. Each, 20c; doz., \$2.00.

Madame Crozy. Gilt-edged, rosy scarlet. 3½ feet. Each, 20c; doz., \$2.00.

BRONZE LEAF VARIETIES.

King Humbert. The grandest canna ever offered. Large heart-shaped leaves of purple madder brown over bronze, the dark ribs sharply defined, crowned with immense heads of orchid-like flowers. Individual petals are of the largest size, velvety orange scarlet flecked carmine, rose-tinted at margin and base. 4 to 4½ feet. Each, 20c; doz., \$2.00.

David Harum. Dark bronze foliage. Strong grower and one of the freest blooming cannas we have ever seen. 3½ feet. Each, 20c; doz., \$2.00.



An Attractive Foundation Planting.

Hardy Ornamental Shrubs

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds. It affords an opportunity for artistic development with the varying color of foliage and flowers in summer, followed by the bright-colored bark and berries of some species in winter.

Prices on all shrubs, 75c each; \$7.50 per dozen, except as noted.

Althea - Rose of Sharon

One of the best known shrubs, with handsome plain and variegated foliage and bearing large single or double flowers in August and September.

Almond

DOUBLE RED-FLOWERED. A beautiful small shrub, bearing an abundance of small double rose-like flowers in May.

DOUBLE WHITE-FLOWERED. Produces beautiful double white flowers in May.

Berberis - Barberrry

THUNBERG'S BARBERRY (Japanese). Blossoms small, yellow, followed by berries that turn bright red in autumn. Leaves small and changing to coppery-red in fall.

Buddleia - Butterfly Bush

Shade of violet mauve; borne on long spikes from 15 to 20 inches long.

Calycanthus - Sweet-scented Shrub

Blossoms in June; growing 6 to 8 feet high.

Cornus - Dogwood

WHITE FLOWERING. A small tree of irregular habit; produces large showy white flowers in May.

RED FLOWERING. The flowers are similar to the white form, but are a bright pink.

Cydonia - Japan Quince

Grows 5 to 8 feet. Has bright scarlet-crimson flowers in great profusion in the early spring.

Deutzia

A very desirable shrub blossoming in June.

PRIDE OF ROCHESTER. Double white.

CRENATA. Single white.

DOUBLE PINK.

GRACILIS. Dwarf. White.

Euonymus - Strawberry Shrub

One of the most beautiful of shrubs in fall when foliage turns bright scarlet.

Forsythia - Yellow Bell

One of the best early flowering shrubs.

FORTUNEI.
SUSPENSIA.



White-Flowering Dogwood.

Hydrangea

Tree-flowering shrub with large clusters or panicles of showy flowers.

ARBORESCENS (Hills of Snow). \$1.00 each; \$10.00 per dozen.

PANICULATA GRANDIFLORA.

Hypericum - St. John's Wort

The plant is covered with numerous rich yellow flowers from midsummer to fall.

Lonicera - Bush Honeysuckle

Valuable for their handsome flowers and showy fruit.

PINK.
WHITE.

Philadelphus - Mock Orange

Are mostly large shrubs, growing from 6 to 10 feet high.

CORONARIA.
AUREA or **GOLDEN.**

Privet

The Privets are best known for their use as hedge plants.

CALIFORNIA. \$2.50 per doz.; \$15.00 per 100.
AMOR RIVER. \$4.00 per doz.; \$25.00 per 100.
IBOTA or **CHINESE.** \$4.00 per doz.; \$25.00 per 100.

Rhus - Sumac

Large growing shrub with smooth bark. Four varieties.

Ribes - Red Flowering Currant

Sambucus - Elder

Large spreading bush with handsome foliage. Flowers in June and July.

CANADENSIS or **COMMON.**
AUREA or **GOLDEN.**

Spirea

The spireas are all elegant, low shrubs, of the easiest culture, and their blooming extends over a period of three months.

VAN HOUTTEI. The finest of all spireas.
ANTHONY WATERER. Dwarf, crimson.
PRUNIFOLIA (Bridal Wreath).
OPULIFOLIA AUREA (Golden Leaf Spirea). 75c each; \$7.50 per dozen.

Symphoricarpos - Snowberry

Inconspicuous rose colored flowers in June and July; followed by large clustered, milk white fruits.



Philadelphus.

Syringa - Lilac

Hardy free-flowering shrubs with showy, fragrant flowers in spring and early summer.

PURPLE.
WHITE PERSIAN.
FRENCH LILACS. In ten named varieties.

Viburnum - Snowball

This is a showy group of shrubs that usually grow from 5 to 10 feet high and bloom lavishly in spring.

Weigela or Diervilla

A strong, upright, erect grower. Flowers produced in great profusion in June.

CANDIDA. White.
ROSEA. Rose.
EVA RATHKE. Red.



Spirea Van Houttei.



California Privet.

Hardy Climbing Vines

Ornamentals of this class are so hardy and beautiful that they deserve greater attention than they receive.

Nothing lends such pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas.

Hardy vines practically take care of themselves after once established, and are much more desirable and less trouble than annual or tender varieties.

Aristolochia - Dutchman's Pipe

A native species of climbing habit and rapid growth. \$1.00 each; \$11.00 per doz.

Ampelopsis Veitchi - Japan or Boston Ivy

A hardy and very useful climber. It is a splendid plant for covering any object, as it clings perfectly to the smoothest surface. The foliage is a bright glossy green, changing to bright tints of scarlet, crimson, and orange. Kills back some in a cold, dry climate. 50c each; \$5.00 per dozen.

Bignonia - Trumpet Vine

RADICANS. A hardy high climbing plant with large, scarlet, trumpet-shaped flowers. 50c each; \$5.00 per dozen.

Celastrus - Bitter Sweet

SCANDENS. A native climber with glossy leaves; fruit orange and crimson, in clusters, hanging on vine all winter. 50c each; \$5.00 per dozen.

Clematis - Virgin's Bower

This family of plants is noted for its rapid, slender growth, delicate foliage, and profusion of bloom through the summer.

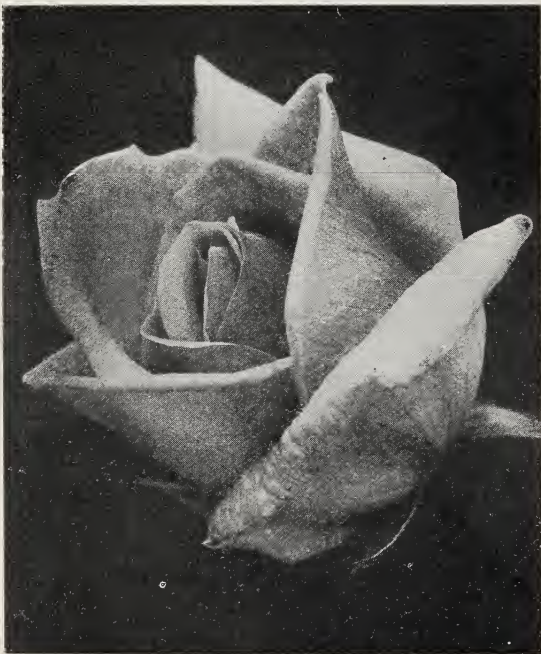
PANICULATA. Small-flowered, white. 75c each; \$7.50 per dozen.

HENRYI. Large-flowered, white. 75c each; \$7.50 per dozen.

JACKMANI. Large-flowered, purple. 75c each; \$7.50 per dozen.

Lycium - Chinese Matrimony Vine

A vigorous climber, covered with small, star-shaped purple flowers. 50c each; \$5.00 per dozen.



Sunburst Rose.



Ampelopsis.

Lonicera - Climbing Honeysuckle

Favorite vines with delightfully fragrant flowers. Perfectly hardy and adaptable to any purpose.

HALLIANA (Hall's Japan Honeysuckle). 50c each; \$5.00 per dozen.

SEMPERVIRENS (Scarlet). 50c each; \$5.00 per dozen.

Wisteria

One of the most elegant and rapid growing of all climbing plants; attains immense size.

PURPLE. \$1.00 each; \$10.00 per dozen.

WHITE. \$1.00 each; \$10.00 per dozen.

Hardy Roses

FIELD GROWN, SELECTED

All hardy roses \$1.00 each; \$10.00 per dozen.

KILLARNEY. Pink.

KILLARNEY. White.

OPHELIA. Salmon pink.

MME. CAROLINE TESTOUT. Clear rich pink.

LA FRANCE. Rosy pink.

RUSSELL. Rose carmine.

HOOSIER BEAUTY. Glowing crimson.

GRUSS AN TEPLITZ. Scarlet; everblooming.

SUNBURST. Rich yellow, shaded orange.

PERSIAN YELLOW. Yellow.

PAUL NEYRON. Pink shading to rose.

MRS. JOHN LAING. Soft pink, everblooming.

GEN. JACQUEMINOT. Bright crimson.

HUGH DICKSON. Crimson, shaded scarlet.

ULRICH BRUNNER. Light red.

FRAU KARL DRUSCHKI. White, everblooming

Hardy Climbing Roses

All climbing roses 75c each; \$7.50 per dozen.

DR. VAN FLEET. Rich flesh pink.

AMERICAN PILLAR. Rosy pink, single.

CLIMBING AMERICAN BEAUTY. Red.

EXCELSA. The Red Dorothy Perkins

DOROTHY PERKINS. Shell pink.

SEVEN SISTERS. Color varies from white to crimson.

QUEEN OF THE PRAIRIES. Rosy red.

BALTIMORE BELLE. White.

Moss Roses

WHITE. \$1.00 each; \$10.00 per dozen.

PINK. \$1.00 each; \$10.00 per dozen.

RED. \$1.00 each; \$10.00 per dozen.

ROSA RUGOSA. \$1.00 each; \$10.00 per dozen.

Small Fruits

Blackberries

ELDORADO. Generally considered the best blackberry grown, both for home use and market. Berries are large, jet black and especially noted for sweetness and flavor. Each, 15c; doz., \$1.50.

Currants

PERFECTION. Red. Berries large and juicy. Flavor mild and spicy. Each, 25c; doz., \$2.50.

CHAMPION. Black. Long clusters, large berries and delicious flavor. Each, 25c; doz., \$2.50.

Gooseberries

DOWNING. Considered the best gooseberry. Equally valuable for home or market. Each, 35c; doz., \$3.50.

Raspberries

CUTHBERT. Red. Large, firm and of good flavor. Each, 10c; doz., \$1.00.

CUMBERLAND. Black. One of the largest raspberries. Each, 15c; doz., \$1.50.



Eldorado Blackberries.

Grapes

CONCORD. The best black grape. Each, 35c; doz., \$3.50.

CATAWBA. The best red grape. Rich, sweet and pulpy. Each, 35c; doz., \$3.50.

NIAGARA. The standard white. Berries are large with a fine flavor not resembling any other sort. Each, 35c; doz., \$3.50.

Strawberries

In the best standard varieties. Doz., 25c; \$1.50 per 100.

Fall or Everbearing Strawberries

PROGRESSIVE. A good yielder. Berries of fair size and good color. Doz., 35c; \$2.50 per 100.



Concord Grapes.

Vegetable Plants

ASPARAGUS ROOTS. Palmetto. Doz., 35c; 100, \$1.50; 1000, \$10.00.

BRUSSELS SPROUTS. Doz., 15c; 100, 75c.

CABBAGE. Early varieties, doz., 15c; 100, 75c. Late varieties, doz., 15c; 100, 75c.

CAULIFLOWER. Extra Early Snowball. Doz., 50c.

CELERY. Doz., 25c.

CHIVES. Clumps. Each, 15c; doz., \$1.50.

EGG PLANTS. Doz., 50c.

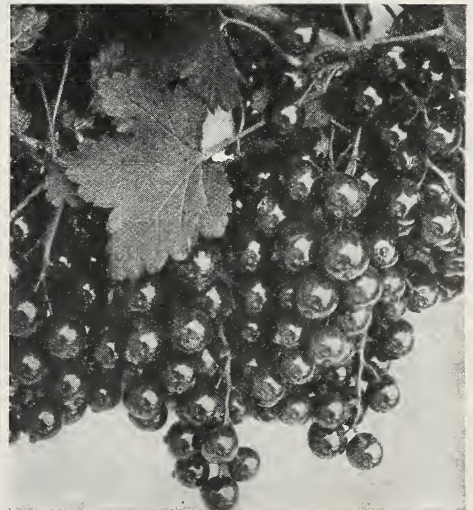
HORSERADISH ROOTS. Doz., 35c; 100, \$2.00.

PEPPERS. Large Bell or Bull Nose, doz., 50c. Neapolitan, doz., 50c. Pimento, doz., 50c.

RHUBARB ROOTS. Each, 15c; doz., \$1.50.

SWEET POTATOES. Doz., 25c; 100, \$1.25.

TOMATOES. Bonny Best, very early, doz., 50c. Dwarf Champion, the tree tomato, doz., 50c. Stone, a good tomato for general use, doz., 50c. Ponderosa or Beefsteak, very large, doz., 50c.



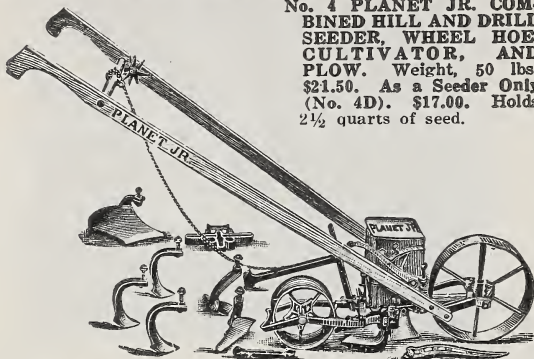
Perfection Currants.

Planet Jr. Garden Tools

The success of your garden depends on good seeding and thorough cultivation. Both of these operations a Planet Jr. will do in a fraction of the time required by old methods and with a fraction of the labor. By using Planet Jr. tools, half an hour a day of easy work will keep the average home garden producing quantities of fresh vegetables all summer.

Fifty years of study and experiment have resulted in several types of Planet Jr. tools which combine in the highest degree effective work, ease of handling and wear resisting quality.

No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR, AND PLOW. Weight, 50 lbs. \$21.50. As a Seeder Only (No. 4D). \$17.00. Holds 2½ quarts of seed.



This accurate, easy running tool sows all garden seeds from smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and depth; rolling down and marking out next row all at one passage. By removing the seeder and substituting the tool frame you have a complete Single Wheel Hoe which plows, hoes, cultivates easily and thoroughly all through the season.

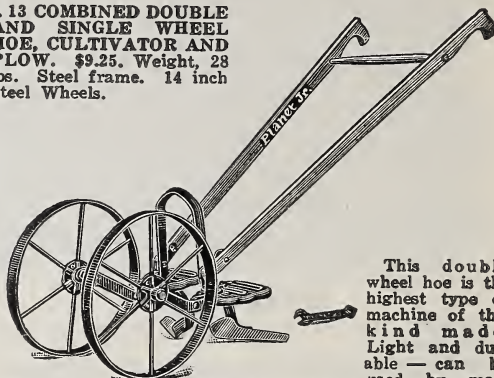
No. 18 PLANET JR. SINGLE WHEEL HOE. Weight 19 lbs. Price, \$7.00.

Steel Frame and Wheel.



Single Wheel hoes are lighter than double and do almost the same variety of work. They are used mostly between rows, yet by mounting the wheel on the other side of the arm, Planet Jr. Single Wheel Hoes can be used to hoe both sides at once while the plants are small—the most important time. No. 18 has hoes only, but cultivator teeth and land-side plow can be added if desired.

No. 13 COMBINED DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW. \$9.25. Weight, 23 lbs. Steel frame. 14 inch Steel Wheels.



This double wheel hoe is the highest type of machine of this kind made. Light and durable — can be used by man, woman or boy. Will do all the cultivation in the large or small garden in the easiest and quickest way. Strong, indestructible steel frame. High, easy running steel wheels. It takes the drudgery out of garden work and gives bigger, better crops. Straddles crops till 20 inches high, then can be used between the rows with one or two wheels. The hoes are the most useful attachment but cultivator teeth, plows, etc., can be added if needed.

No. 119 GARDEN PLOW AND CULTIVATOR.

Weight, 16½ lbs. Price, \$5.80.



This tool will appeal to those who prefer a high wheel tool for their garden work. Where the soil has not been so thoroughly and carefully prepared, the high wheel undoubtedly makes an easy running tool. The equipment is so complete that it will meet all the needs of the ordinary garden where the adjustments and refinements of the higher-priced wheel hoes are not required. The tool is light and strong, and is built with the same care for detail which has made Planet Jrs. the leaders among garden tools.

No. 26 Planet Jr. Hill and Drill Seeder

No. 1—Wide Tread Wheels needed on muck and all other soils.

No. 2—Index unusually accurate, arranged for principal seeds.

No. 3—Opening Plow makes clean cut drills; places seeds where they belong. Long wings prevent soil dropping back into drills, and wind blowing seed.

No. 4—Shaft Drive; many years of successful use proves it to be the most satisfactory. Gear protected from dust and dirt.

No. 5—Feed Wheel, special; proved by tests to be the best. Spring Feed Arms do not crush or break the seed.

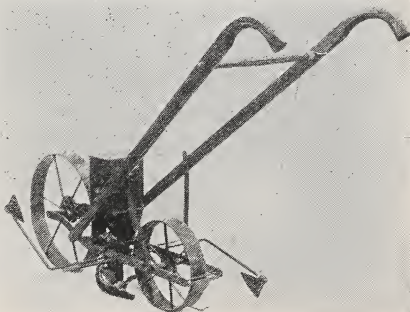
No. 6—Flow of Seed Automatically Stopped by raising handles; none can be wasted.

No. 7—Floating Covers can be removed if desired.

No. 8—Markers; pressure adjustable, one on each side. Makes clean cut marks on all soils.

No. 9—Hopper, capacity four quarts. Quickly removed by unscrewing one wing nut.

No. 10—Scrapers, adjustable on front wheel; spring tension on rear wheel.



Cultivating Attachments for Planet Jr. Wheel Hoes



Pair Plows for Double Wheel Hoes. Landside Plow for Single Wheel Hoes.

6" Hoes. S100-S101.

Cultivator Teeth No. 1395.

S100-S101 HOES. 6" pair	\$1.40
1395 CULTIVATOR TEETH. Each .....	.40
LANDSCAPE PLOW. For Single Wheel Hoes	1.50
PLOWS. For Double Wheel Hoes. Per pair	1.50

Spray Pumps



BABY FOUNTAIN COMPRESSED AIR SPRAYER.

Diameter, 5 1/4 in.
Height, 10 1/2 in.
Capacity, one gal.
Heavy construction—brass nozzle.

PRICES.

Galvanized Steel, Aluminized, \$4.75.
Brass, Polished and Lacquered, \$6.00.

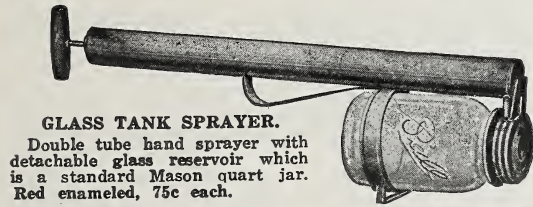


HAND POWDER BLOWERS.
The best hand blower for applying insecticides in powder form. \$1.00 each.



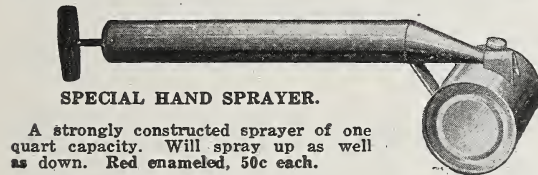
BUSINESS COMPRESSED AIR SPRAYER.

A strong, substantial, medium-priced compressed air sprayer for all purposes. \$3.00 each.



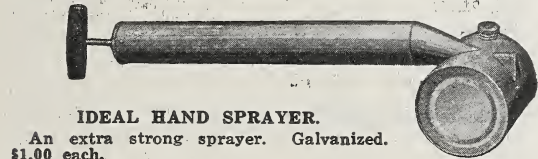
GLASS TANK SPRAYER.

Double tube hand sprayer with detachable glass reservoir which is a standard Mason quart jar. Red enameled, 75c each.



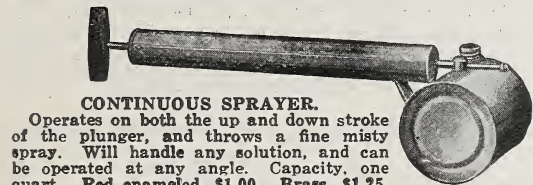
SPECIAL HAND SPRAYER.

A strongly constructed sprayer of one quart capacity. Will spray up as well as down. Red enameled, 50c each.



IDEAL HAND SPRAYER.

An extra strong sprayer. Galvanized. \$1.00 each.



CONTINUOUS SPRAYER.

Operates on both the up and down stroke of the plunger, and throws a fine misty spray. Will handle any solution, and can be operated at any angle. Capacity, one quart. Red enameled, \$1.00. Brass, \$1.25.



MIDGET TIN SPRAYER.

A small size sprayer for household use. Capacity about 1/2 pint. 50c each.



AUTO SPRAY No. 1.

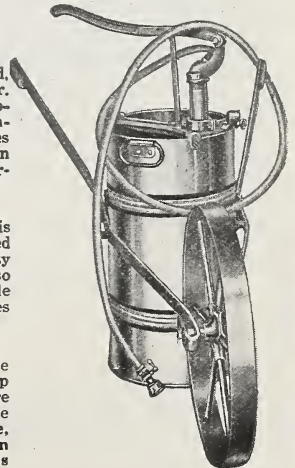
Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. Can be charged in fifteen seconds, when it will work long enough to spray a quarter acre. The sprayer is carried by a shoulder strap and will cover ten times more area in a day than can be covered with the old-style sprayers. Auto Sprayer, No. 1 B, brass tank with Auto-pop, \$10.00; Auto Sprayer No. 1 D, galvanized tank, with Auto-pop, \$3.00. Two-row attachment for spraying two rows at one time, \$1.85; two feet of brass extension pipe, 80c; steel, 60c; brass elbows for spraying under vines, 50c; brass strainer for straining solution, \$1.50.

AUTO SPRAY No. 3D.

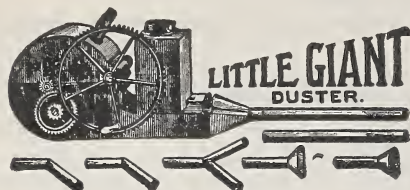
*General purpose orchard, field and whitewash sprayer. We recommend the Auto-Spray No. 3 for whitewashing buildings, spraying trees of all kinds and garden crops. The agitation is perfect.

The Auto-Spray No. 3 is furnished with galvanized reservoir, having a capacity of 12 gallons. It is also furnished with a single wheel truck which saves considerable labor.

The pump itself is on the principle of a force pump and will generate a pressure of at least 150 pounds to the square inch. Price complete, galvanized tank, \$25.00. Can also be furnished with Brass tank at \$30.00.



SPRAYERS—Continued.

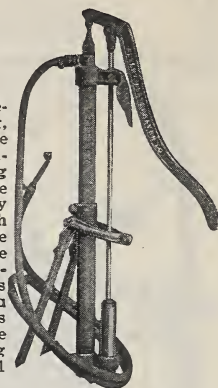


LITTLE GIANT DUSTER.

For Farm, Garden, Vineyard, Tobacco Fields, etc. Machine weighs about six pounds. Furnished with three 16-inch tubes, five nozzles and strap. Weight, cased, about 15 lbs. Capacity about one quart. For low growing crops only. A very good machine, especially when Paris Green and like powders are to be applied. Price, \$12.00.

No. 90-A BARREL PUMP.

This pump meets every requirement for spraying, whitewashing, etc. Will develop ample pressure for two nozzles. The pump cylinder is made of seamless brass tubing $1\frac{3}{4}$ " in diameter by $6\frac{1}{4}$ " long. The air chamber is $1\frac{1}{2}$ " in diameter by 27" long. Pump is constructed with mechanical agitator, standard hose connection and plunger that can be adjusted and repacked without removing from cylinder. All valves are bronze seating on brass, and can be easily removed. Pump is equipped with 10 feet of $\frac{1}{2}$ " five ply spray hose and one angle fog nozzle. Shipping weight crated, 31 pounds. Price, \$17.50.



Insecticides and Fungicides

APHINE. A Nicotine preparation for plant lice, thrips and red spider. $\frac{1}{2}$ pint, 35c; pint, 60c; quart, \$1.00; gallon, \$3.00.

ARSENATE OF LEAD. The best poison for leaf-eating insects. $\frac{1}{2}$ lb., 30c; lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00.

BLACK LEAF 40. A Nicotine solution for plant lice, thrips, aphid and red spider. Oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.75.

BORDEAUX MIXTURE. A remedy for fungus and blights. Use as dry dust or wet spray. Use six pounds to 50 gallons of water. Lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$6.50.

HELLEBORE. A poison for leaf eating insects. $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 65c; 5 lbs., \$3.00.

LEMON OIL. $\frac{1}{2}$ pt., 35c; 1 pt., 60c; 1 qt., \$1.00.

LIME SULPHUR SOLUTION. The standard remedy for San Jose and Oyster Shell scale. Use one part to nine parts of water while trees are dormant. As a summer spray use one part to 35 parts of water. Qt., 50c; 2 qts., 75c; gal., \$1.15; 5 gals., \$4.00; 30 gals. \$10.00; 50 gals., \$15.00.

SOLUBLE SULPHUR. The most convenient form of Sulphur spray. As effective as Lime Sulphur for scale and much more pleasant to use. Dilute $12\frac{1}{2}$ pounds to 50 gallons of water. 1 lb., 40c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$13.50.

MELROSINE. An effective remedy for rose bugs. Dilute one part to 20 parts of water. $\frac{1}{2}$ pt., 50c; pt., \$1.00; qt., \$1.75; $\frac{1}{2}$ gal., \$3.25; gal., \$6.00.

NICO FUME. Liquid. For vaporizing. $\frac{1}{4}$ lb., 75c; 1 lb., \$2.25; 4 lbs., \$8.00; 8 lbs., \$15.00.

NICO FUME. Paper. For fumigating. Paper strongly saturated with nicotine. 24 sheets, \$1.25; 144 sheets, \$5.50; 288 sheets, \$10.00.

NIAGARA ALL-IN-ONE DUST MIXTURE. Complete contact insecticide, fungicide and poison for the home garden. Lb., 45c.

NIAGARA POTATO DUST D18 for blight and bugs. Contains Copper Sulphate, Lime and Calcium Arsenate. Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 25 lbs., \$6.00; 50 lbs., \$9.00; 100 lbs., \$15.00.

NIAGARA NICOTINE CONTACT DUST D11. For the control of Aphis, Red Bugs and other sucking insects. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 25 lbs., \$7.50; 50 lbs., \$12.50; 100 lbs., \$20.00.

PYROX. A paste mixture of arsenate of lead and Bordeaux. Effective as a combination spray for fungus, blights and leaf-eating insects. Use one pound to five gallons of water. Lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.00; 50 lbs., \$11.00; 100 lbs., \$18.00.

RAX. Inoculates rats with a contagious disease. Very effective as an exterminator. Harmless to other animals. 75 cents.

SCALECIDE. The well known soluble oil scale destroyer. A first class remedy for all forms of scale. Qt., 60c; gal., \$1.50; 5 gals., \$6.50; 10 gals., \$12.00; bbl. (50 gals.), \$38.00.

SLUG SHOT. The best known remedy for cabbage and currant worms. Applied as dust. Lb., 20c; 5 lbs., 60c; 25 lbs., \$2.75.

FISH OIL SOAP. For scale, plant lice and thrips on soft-stemmed plants. 1 lb., 35c.

TOBACCO SOAP. A good remedy for plant lice. Pkg., 25c.

SULPHUR, POWDERED. A fine remedy for mildew, especially on roses. $\frac{1}{2}$ lb., 15c; 1 lb., 20c; 5 lbs., 65c; 10 lbs., \$1.25.

TOBACCO DUST. Extra fine. 1 lb. pkg., 20c. Bulk, 1 lb., 10c; 5 lbs., 40c; 25 lbs., \$1.50; 100 lbs., \$5.00.

TREE TANGLEFOOT. Painted around trees in the form of a band, it is an effectual barrier to caterpillars crawling into the tree from the ground. 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 20 lbs., \$8.00; 25 lbs., \$9.75.

Use Lohrman's Evergreen Lawn Seed
and
Lawn and Garden Fertilizer

From _____

LOHRMAN SEED CO.

**Brush and Macomb Sts.,
Detroit, Mich.**



Tools and Supplies

CULTIVATORS. Wheel. (See page of Planet Jr. line.)

CULTURES. Nodogen. For clovers and all other legumes. ½ bu. size, 75c; bu. size, \$1.00. Garden size for Peas, Sweet Peas and Beans, 25c.

DIBBLES. For setting plants and bulbs. Iron point, 60c.

FORKS. Spading. \$2.00.

FORKS. Potato. \$2.00.

GARDEN LINE. Italian Hemp. 50 ft., 75c; 100 ft., \$1.35.

GRAFTING WAX. ¼ lb., 15c; ½ lb., 25c; lb., 40c.

GRASS EDGING KNIFE. Wheel type, \$1.75; plain, \$1.25.

GRASS HOOK or SICKLE. No. 30, 60c; No. 40, 50c.

HANGING BASKETS. Woven wire. 8 in., 35c; 10 in., 50c; 12 in., 60c; 14 in., 75c; 16 in., 90c.

HOES, GARDEN. \$1.00 and \$1.50. Ladies', \$1.00; Scuffle, \$1.25.

LABELS. Pot and Garden. Wood, painted.

4 in., 100,	\$0.25;	1000	.....	\$1.75
5 in., 100,	.35;	1000	.....	2.25
6 in., 100,	.40;	1000	.....	2.75
8 in., 100,	1.25;	1000	.....	8.00
10 in., 100,	1.50;	1000	.....	9.50
12 in., 100,	2.00;	1000	.....	12.50
Copper wired tree labels. 100, 45c; 1000, \$2.50.				

LAWN MOWERS.

No. 2.	16 in. cut.	Stearns	.....	\$16.00
No. 3.	18 in. cut.	Stearns	.....	18.00
No. 4.	16 in. cut.	Plain bearing	.....	8.50
No. 83.	16 in. cut.		.....	11.00

MOLE TRAPS. Reddick. \$1.25.

PLANT STAKES. Wood, square tapered Dahlia.

		Each	Doz.	
3 ft.	.....	\$0.15	\$1.25	
4 ft.	.....	.20	1.75	
5 ft.	.....	.25	2.00	
6 ft.	.....	.30	2.50	

PLANT STAKES. Green painted bamboo.

		Doz.	100	
2 ft.	.....	\$0.25	\$1.00	
3 ft.	.....	.30	2.00	
4 ft.	.....	.40	2.50	

RAFFIA. A sort of grass much used for tying plants, also in making baskets. Natural color, per lb., 25c.

ROLLERS, LAWN. Dunham water weight roller. The best. Diameter, 18 in.; width, 24 in.; weight, empty, 85 lbs.; filled with water, 300 lbs. Price, \$22.25.

SAWS, PRUNING. 20 in. blade. \$1.75.

SHEARS, HAND PRUNING. No. 50, each \$1.00. Rose Shears, \$1.75. Grass, 6 in. blade, 50c. Hedge, 10 in. blade, \$2.50. Tree Pruning, Waters. 12 ft., each, \$2.50.

SPADES. Long handle, \$1.50. D handle, \$1.50.

SPUDS. Dandelion. Each, 35c.

RAKES, LAWN. Wood, self-cleaning. Each, \$1.00. Wire, 24 in., each, \$1.00. Steel garden rake, 14 in., \$1.25.

TROWELS. English pattern. Each, 35c. All steel, each, 50c.

PLANT TUBS. Green painted cedar. Welded hoops.

		Inside Diam. in.	Stave Length	Each
No. 1	.....	8	10	\$0.75
No. 2	.....	10	11	1.00
No. 3	.....	12	13	1.25
No. 4	.....	14	15	1.75
No. 5	.....	16	17	2.25
No. 6	.....	18	19	3.00
No. 7	.....	20	20	4.00

WATERING CANS. 8 qt., \$1.00; 10 qt., \$1.25; 12 qt., \$1.50.

WEEDERS, HAND. Little Magic, each, 25c; Excelsior, each, 25c; Lang's, each, 25c.

WEED EXTRACTORS. Each, 35c.

WHEELBARROWS, GARDEN. The Missouri. A good substantial garden wheelbarrow at a moderate price. \$6.75 each.

HOSE. Our special Pioneer Cord. Built like a cord tire, and will wear like one. ¾ in., per foot, 18c.

HOSE NOZZLES. \$1.00. Fountain lawn sprinkler, \$1.00 each. No. 5 revolving sprinkler, \$2.25 each.

HOSE REELS. Wood. \$2.25.

HOSE REELS. Steel. \$2.75.

FLOWER POTS. Standards, Azaleas, Bulb Pans.

Size	Each	Doz.	100	1000
2 in.	.....	\$0.03	\$0.20	\$1.25
2½ in.	.....	.03	.25	1.65
3 in.	.....	.03	.30	2.25
4 in.	.....	.05	.50	3.00
5 in.	.....	.08	.85	6.00
6 in.	.....	.12	1.35	10.00
7 in.	.....	.18	1.80	14.75
8 in.	.....	.25	2.85	22.50
9 in.	.....	.40	4.25	30.00
10 in.	.....	.55	5.75	40.50
12 in.	.....	1.10	12.00	82.50

FLOWER POT SAUCERS.

	Each	Doz.		Each	Doz.
3 in.	.....	\$0.03	\$0.30	8 in.	.....
4 in.	.....	.04	.45	9 in.	.....
5 in.	.....	.05	.50	10 in.	.....
6 in.	.....	.07	.70	12 in.	.....
7 in.	.....	.08	.85		

NEPONSET WATERPROOF PAPER FLOWER POTS.

		Doz.	100	1000
2½ in.	.....	\$0.15	\$0.85	\$ 6.00
3 in.	.....	.20	1.15	7.50
4 in.	.....	.30	2.00	12.00
5 in.	.....	.35	2.50	18.00
6 in.	.....	.50	3.00	22.50

Fertilizers for Lawn, Garden and House Plants

For larger quantities of the following, or other fertilizers, please inquire for prices.

LOHRMAN'S FLORALIS PLANT FOOD. Excellent for use on all house plants. Use dry or in liquid form. Per pkg., 10c.

STIM-U-PLANT. A plant food in tablet form for all house plants. May be used in liquid or tablet form. Efficient and easily applied. Pkt., 25c.

BONE MEAL. A fine fertilizer for lawn or flower garden. It can be used liberally with perfect safety. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.35; 50 lbs., \$2.50; 100 lbs., \$4.00.

LIME. Hydrated. For lawn and garden. 50 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs., \$7.00; ton, \$25.00.

MURIATE OF POTASH. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

NITRATE OF SODA. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

SULPHATE OF AMMONIA. 1 lb., 20c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

PHOSPHATE. 16 per cent Acid Phosphate. Best grade. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 125 lb. sack, \$3.50.

SHEEP MANURE. Pulverized. One of the best fertilizers for all purposes. Especially good for lawns. Used in the vegetable or flower garden, it repays the small expense a hundred fold in increased production, and superior products. Apply at the rate of 1000 lbs. per acre. Our sheep manure is the highest grade obtainable and should not be compared to cheap manures which contain a large percentage of foreign matter with no fertilizing value. 2 lbs., 25c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.00; 500 lbs., \$13.25; 1000 lbs., \$25.00; ton (2000 lbs.), \$45.00.

LOHRMAN'S SPECIAL LAWN AND GARDEN FERTILIZER. A high grade chemical fertilizer for the lawn, flower or vegetable garden. Especially recommended for use in the vegetable garden. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.



Lohrman's Best Selected Lawn Grass Seed

No residence, no matter how expensive, is really attractive unless the grounds and surroundings are equally beautiful. On the other hand the humblest dwelling can be made wonderfully homelike and attractive in the proper setting. The first essential is a neat, smooth green lawn. Then the careful selection and proper placing of shrubs, perennials, roses, and vines, will complete the picture.

Lohrman's Evergreen Lawn Seed

With the ground carefully prepared, graded and rolled, the seed sown at the rate of 80 pounds per acre, and with the lawn then frequently mown and rolled, it is within the reach of everyone to have as fine a lawn as one desires. Old lawns are greatly benefited if given a thorough raking as early in the spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds or other causes.

The quantity required for making new lawns is about 100 pounds per acre, or for renovating old lawns 50 pounds. For a space 15x20 or 300 square feet, one pound is required for new, or one-half pound for renovation. In order to produce the best results grass seeds for lawns should be sown at least twice as thickly as if sown for hay. Sow in March to June, or in September to October. When cutting the grass don't cut too short as the sun dries the roots.

Lohrman's Evergreen Lawn Grass Seed is a compound of grasses which ripen successively, thereby always presenting a green velvety and cheerful appearance. In order to produce permanent results first quality goods only must be used. In no branch is it more true than in that of seeds. In our Evergreen Lawn Mixture one grade, and that the highest, is rigidly adhered to. Price, 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 20 lbs., \$7.50; 100 lbs., \$35.00.

Shady Lawn Seed

On nearly all lawns there are unsightly spots caused by the fact that ordinary varieties of grasses used for lawns do not do well in the shade; consequently we have prepared a mixture of grasses which naturally grow in shady spots. Before sowing in such places it is well to rake off the surface thoroughly and then apply Evergreen Lawn Lime. Use one pound of Shady Spot for every 300 square feet. Price, 1 lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50; 100 lbs., \$50.00.

Putting Green Mixture

This mixture is especially valuable for putting greens, terraces, bowling greens, or situations that require a tough, resistant turf. It is composed of the finest imported grasses selected and mixed with the utmost care. Price, 1 lb., \$1.00; 5 lbs., \$4.75; 10 lbs., \$9.00.