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ANNALS, APR 1895

H.P. **HENRY PHILIPPS**
Seed & Implement Co.

ANNUAL DESCRIPTIVE

CATALOGUE

—OF—

Fresh and Reliable

GARDEN, FIELD

AND

FLOWER SEEDS.

115 and 117 St. Clair St.,
TOLEDO,
OHIO.



AMERICAN
PUBLISHERS

* THE PIONEER HOUSE IN TOLEDO. *

43 YEARS' EXPERIENCE.

Greeting to our Friends and the Public in General:

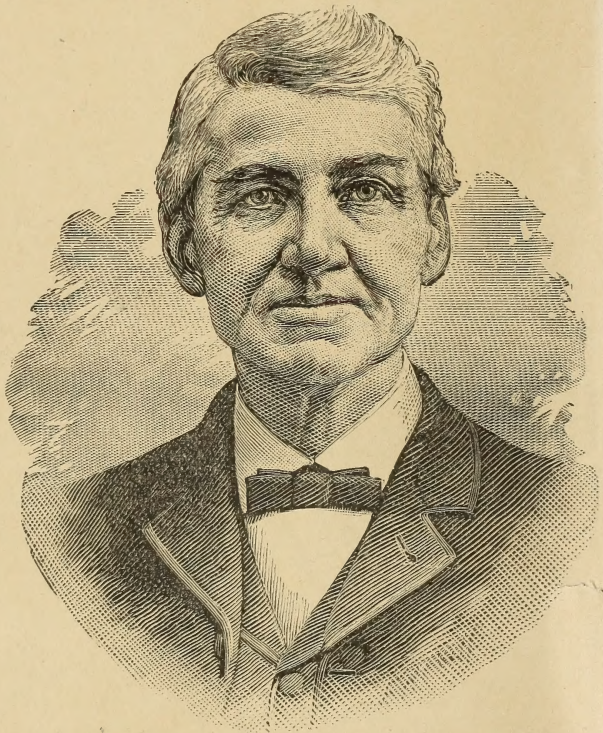
WE sincerely thank all our customers and friends who have so generously patronized the old firm of HENRY PHILIPPS and H. PHILIPPS & SON, now THE HENRY PHILIPPS SEED & IMPLEMENT CO., during their forty-three years' experience in the Seed, Wagon, Carriage and Agricultural Implement business. When, in 1852, the senior member (Henry Philipps) established the first Seed and Agricultural Implement business, Toledo was a small town and the surrounding country poorly settled and undeveloped—he contributed his share in building up, and kept up with the unparalleled and rapid growth of Toledo and country around. To meet the increasing demand for a first-class and Reliable Seed House, they, on February 1st, 1888, incorporated the present firm, with Henry Philipps, Sr., *Pres't*; Henry J. Philipps, Jr., *Sec'y*; and W. T. Philipps, *Vice-Pres't*; and two other sons as directors (sons all born and raised in Toledo), who familiarized themselves with the business of their father from their youth, which gives them knowledge and great advantage in conducting the business on its true principle. They spare neither labor nor expense in keeping their seeds up to the highest standard of excellence as to purity, quality and germination, which is the great secret of their success. It shall be our constant endeavor to merit a continuance of the large and valued patronage we have previously enjoyed. We shall always strive to make your dealings with us both pleasant and profitable to you. We hope to hear from all our old customers during the coming season, and as many new ones as we can make it an object, through our prices and manner of dealing with them, to kindly favor us with their orders.

A little biography of the founder, Mr. Henry Philipps, Sr., whose portrait appears herewith, would not be out of place. In the Spring of 1849 Mr. Henry Philipps landed in this city. He soon found what the country in this section was in need of and established the first regular Seed and Implement business in this place forty-three years ago, and at the present time is the pioneer in this line in this section, and the oldest active seedsman in the State of Ohio, if not in the U. S.

Quality of Seeds.—We don't buy cheap Seeds. We buy of and have our Seeds grown by the most celebrated and reliable Seed growers, and it is our constant aim to send out only Seeds of superior quality, and the prices we ask for them will compare favorably with those of any first-class house. We guarantee that all our Seeds are of good germinating quality. All persons conversant with horticultural operations will, however, know that at times the best of Seeds fail to grow, owing to causes we cannot control and beyond our responsibility.

Orders for Large Quantities can be forwarded by freight or express—always state how they are to be sent. When not specified we shall use our best judgment. When goods are sent C. O. D., return charges will be added. As the prices of most articles are catalogued, the purchaser can save the return charges by enclosing remittance with order.

Remittances for Amount should in all cases accompany the orders. We prefer Postoffice or Express Orders, or Bank Drafts on Toledo or New York; if neither of these is obtainable, then by Registered Letter. We will in no way be responsible for Stamps or Money enclosed in letter without registering. In case it is possible to send in no other way than U. S. Postage Stamps, we prefer the two cent letter stamps, and care should be taken not to have them get moist and stick together. We guarantee full and complete satisfaction.



THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

SPECIAL NOTICE.—Postage on Peas, Beans and Corn is 10 Cents Pint, 15 Cents Quart, Extra.

ORDER SHEET. THE HENRY PHILIPPS SEED AND IMPLEMENT CO., TOLEDO, O.

Please be particular and WRITE YOUR NAME AND ADDRESS DISTINCTLY, AND IN FULL WITH EACH ORDER.
Order early and often and we shall try hard to please you.

If the seeds are sent by express instead of by mail (express is, as a rule safer), the agent of the company will notify you as soon as they arrive. If you prefer them sent by mail, please state so in your order. In case of large orders, if not specially instructed, we will use our own judgment in the interest of our customers, whether to send them by express or freight.

Please forward the following order:

Name _____
Post Office _____
County _____
State _____
Express Office _____

Amount enclosed, P. O. Order, \$ _____
do do Postal Note, \$ _____
do do - Draft, \$ _____
do do - Cash, \$ _____
do do - Stamps, \$ _____
Total, \$ _____

Date _____ 189__

Quantity.	Articles Wanted.	Price.	Quantity.	Articles Wanted.	Price.

ANNALS, APR 95

NORTHERN GROWN, DOUBLE TESTED SEEDS.

We double test all our Seeds as to Vitality and Purity, so we positively know that Seed we offer can be surpassed by NONE.

SELECT LIST OF RELIABLE VEGETABLE SEEDS.

WE pay postage on all Seeds ordered by the packet or ounce, but the prices given DO NOT include postage on quantities of $\frac{1}{4}$ pound and over, and postage must be added to catalogue prices at the rate of 8 cents per pound. As postage for beans and peas, please add at the rate of 15 cents per quart; and to corn 10 cents per quart to catalogue prices. In cases where postage is not allowed, we shall be obliged to deduct from the order a sufficient quantity to cover the deficiency to avoid the necessity of opening accounts for small balances.

All seeds are tested very carefully, and a record is kept of the percentage of each variety that grows, so that nothing is sent out but will germinate and prove as represented.

CLUBBING RATES ON SEEDS IN PACKETS.

This offer is by mail, postage paid by us to any postoffice in the United States.

PACKET SEED DISCOUNTS—This does not refer to Seeds offered by weight or measure, but to Seeds in packets only; nor does it refer to Potatoes, Onion Sets or Bulbs.

For 25 cents you may select 6 five cent packages of Vegetable or Flower Seeds.

For 50 cents you may select 15 five cent packages of Vegetable or Flower Seeds.

For \$1.00 you may select Seeds in Packets (no ounces remember) to amount of \$1.50.

For \$2.00 you may select Seeds in Packets (no ounces remember) to amount of \$3.25.

For \$5.00 you may select Seeds in Packets (no ounces remember) to amount of \$8.50.

BULK SEED DISCOUNTS.—This discount refers to Seeds quoted in catalogue by weight or measure, and not to Potatoes, Onion Sets, or Clover, Timothy and other grass and field Seeds, as some mistook it last season, neither to seeds in packets:

On an order of \$5.00	10 per cent.
On an order of \$10.00	12 per cent.
On an order of \$20.00	15 per cent.

SELECTION.—PRICE \$1.00, postpaid.

30 PACKETS CHOICE VEGETABLES, AS FOLLOWS:

- | | |
|--|---|
| <ul style="list-style-type: none"> 1 packet New Golden Wax Bean, 1 packet Blood Turnip Beet, 1 packet Long Dark Red Beet, 1 packet Early Jersey Wakefield Cabbage, 1 packet Bloomsdale Flat Dutch Cabbage. 1 packet Early Half Long Scarlet Carrot, 1 packet Crawford's Half Dwarf Celery, 1 packet Stowell's Evergreen Corn, 1 packet Early Minnesota Sweet Corn, 1 packet Early Cluster Cucumber, 1 packet Improved Long Green Cucumber, 1 packet Prize Head Lettuce, 1 packet Fine Netted Musk Melon, 1 packet Cuban Queen Water Melon, 1 packet Large Red Wethersfield Onion, 1 packet Yellow Danvers Onion, | <ul style="list-style-type: none"> 1 packet Hollow Crown Parsnip, 1 packet First and Best Peas, 1 packet Champion of England Peas, 1 packet Early Scarlet Turnip-Rooted Radish, 1 packet Long Scarlet Short-Top Radish, 1 packet Spinach (Round Summer); 1 packet Hubbard Squash, 1 packet Perfection Tomato, 1 packet Early Purple-Top Strap-Leaf Turnip, 1 packet Orange Jelly or Gold Ball Turnip, 1 packet Early Paris Cauliflower, 1 packet Bell or Bull-Nose Pepper, 1 packet New Fern-Leaved Parsley, 1 packet Salsify (Vegetable Oyster.) |
|--|---|

GUARANTEE.—Complaints made that Seeds are not good should quite as often be attributed to other causes as to the quality of the Seeds. There are contingencies continually arising to prevent the very best Seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of different descriptions destroying the plant as soon as or before they appear; wet weather, cold weather, frosts, chemical changes in the Seeds, induced by temperature, etc. For these reasons it is impracticable to guarantee Seeds under all circumstances, and while we exercise the greatest care to have all Seeds pure and reliable, we do not give any warranty expressed or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

We test our Seeds before sending them out, and should they fail to grow when tested by the customer, we will replace the same amount or give value in others.

We cannot afford, knowingly, to send out Seeds doubtful as to vitality or purity, and you can get no better stock of any seedsman, even though he deceitfully professes to warrant Seeds, which frequently covers nothing but the amount paid for the Seed. A guarantee from an irresponsible party is of no value whatever.

Those who receive more than one copy, kindly hand to your neighbor or friend who is interested and oblige,

Yours truly,

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

Market Gardeners and Institutions requiring Seeds in large quantities will be given Special Rates upon submitting their orders.

GENERAL LIST

— OF TESTED —

VEGETABLE SEEDS.

OUR 1895 CATALOGUE.

OUR Catalogue for 1895 is plain and readable and the largest ever issued; have made many additions in illustrations and description of New and Leading Novelties, and have spared no pains nor expense to select and have grown for us the best stock of Choice and Pure Garden and Field Seeds (grown in 1894) in the world, especially our line of Beets, Beans, Peas, Cabbage Seed, Onion Seed and Corn, which cannot be surpassed by any seed house in this country. The crop in 1894 was, with some exceptions, of fine quality; the crop of Radish, Beans, Peas and Onion Seed was not over two-thirds of an average crop and may be higher in price, but the quality is finer.

CROP OF 1894 CLOVER AND GRASS SEEDS.

The crop of Clover Seed is again a short one, the old Clover fields were nearly ruined, partly by drought last Fall and early Winter, and the clover-root borer and weevil during Winter and Spring, so that many fields were plowed up, and what was left to grow produced about $\frac{1}{2}$ of a crop of hay. The second growth, which produces the Common Medium Clover Seed, made a fair start, and had the appearance of making a fair crop, but the drought commencing early in June, and the continuance of same, during the months of July and August, scorched and nearly burned up the fields, and prevented the growing Clover plants from making much growth and development, therefore but a short crop of seed; the quality, however, is fairly good. The Mammoth or Sapling Clover Seed will be about *one-half* of last year's crop. The quality of the seed is very fine and bright; as stated before the crop is a short one, and if there should be one-half the export demand we had last season, the price no doubt would go higher; if, however, there is but little or no foreign demand, there will be seed enough we think to supply our home trade at reasonable prices. However, there was no surplus stock carried over, as in former years, and the whole of this country is bare of old seed, also, according to reliable reports, the acreage of the growing Clover, is only about one-half of its average. This shortage caused by freezing the young sprouts, and later on by severe draught of the last Spring seeding, and there ought to be twice the usual amount of Clover Seed sown right here in our country; this will have some bearing on the price this season.

ALSYKE CLOVER SEED.—The crop of Alsyke Clover was good, and the yield of seed large and of very fine quality. This seed has in former years been mostly sold for export, but there is a good demand for same in this country as it makes one of the best forage and hay crops and great yield in seed.

ALFALFA OR LUCERNE CLOVER.—Alfalfa is a wonderful forage, fertilizer and hay plant

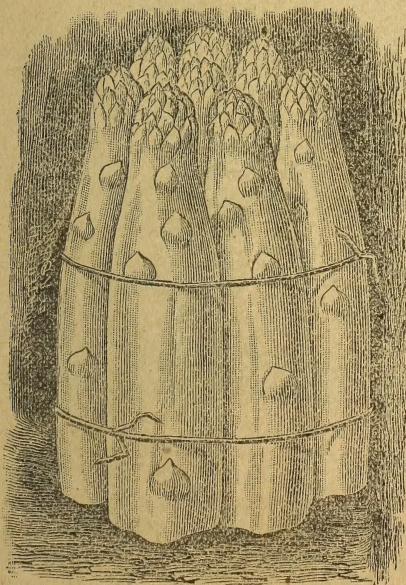
the greatest cropper of all clover and grass varieties, will produce 3 to 4 crops in the season, will thrive and grow on dry, barren, sandy, gravelly and hilly land, where no other plants live. The Alfalfa sprout sinks its roots deeply after moisture and nourishment, and the severest drought has no effect on it, the barren soil keeps covered with a beautiful green crop, also stands wet, heavy rains, deep snows, and cold winters. Nothing better to renew old worn-out land. We cannot give definite information as to the crop this year, whether short or an average one.

ORCHARD GRASS SEED.—The crop of Orchard Grass has been a short one the last two years and this year especially so. This seed has been in great demand by England and other foreign dealers, and early in the season foreign orders were placed for the bulk of the crop grown this season and shipped out for export. This caused the great advance in price, and stock left in the hands of growers and dealers very small, in fact, smaller than for many years at this time.

TIMOTHY SEED.—The crop of Timothy Seed in the western States was one of the shortest in a good many years. In the last few years farmers in the western States, where Timothy is grown largely for the seed, did not let it all go to seed, as hay brought a large price, and they did far better by cutting it for hay, and selling same at double the price they were getting for the seed. This shortness of supply was the cause of the advance in price and the large surplus and stocks of seed carried from year to year were all sold and the platter cleared up. The growing crop this year, which unfortunately on account of the most severe drought on record, was nearly a failure in the Timothy Seed growing States, especially in the State of Iowa, whose farmers furnished in former years, thousands of carloads per year, and now claim that they have not seed enough for their own seeding and will have to buy in other markets to supply their wants. There is no doubt but what a great deal of seed is wanted to renew old meadows and re-seed what the drought has destroyed, according to all reports, and there may not be seed enough to supply the ordinary home demand before another crop grows. This is the cause of the rapid advance in price, and there is no doubt but what the price will go still higher.

KENTUCKY BLUE GRASS SEED.—Kentucky (not Canada) Blue Grass crop was a fair one this season, the seed most all marketed and stocks left in hands of dealers not very large compared with former years, and prices may go higher later on. The quality of seed is good.

RED-TOP SEED.—The crop of Red-Top Seed this season was not over $\frac{1}{3}$ of an average one. The crop was a short one last year, and all the stocks sold out clean and hardly enough to supply the demand. This year starts out with the price nearly double and with not seed enough left to supply home demand, and prospect of still higher prices.



ASPARAGUS.

CULTURE.—Sow early in Spring in drills two inches deep, rows one foot apart; keep clear from weeds by frequent weeding. When one or two years old transplant into permanent beds, which should be made rich by plenty of manure. The perfection of the shoots depends mainly upon the favorable conditions of the soil. Set the plants in the rows about one foot apart, with crown of the root three inches below the surface. Every Fall remove the stalks and apply a good dressing of manure, which it would be well to stir in the following Spring with a liberal dressing of fine salt.

Conover's Colossal. A well-tried standard variety; large size, quick growth, excellent quality. Pkt., 5c; 2 oz., 10c; $\frac{1}{4}$ lb., 15c; 1 lb., 40c. One year roots, by mail, 75c. per 100; by express, 50c. per 100. Two year roots, by express, 75c. per 100.

Palmetto. Very early and desirable on account of its large size, even and regular growth, great

productiveness and excellent quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c. One year roots, by mail, \$1.00 per 100; by express, 80c. per 100.

Barr's Mammoth. A new variety of very large, quick growth. Earlier than the Conover's Colossal, and more than twice as large. It is wonderfully productive throughout the entire season, very tender and of delicious flavor. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; 1 lb. 60c. One year roots, by mail, \$1.00 per 100; by express, 80c. per 100.

Columbian Mammoth White. This variety is a sport from Conover's Colossal, and originated on the farm of a prominent Asparagus grower of Long Island. It produces pure white shoots, and requires no artificial blanching. On this account it brings in the market a much higher price than any other sort. It is a strong grower, and comes remarkably true from seed—not more than 10 per cent. reverting to the type. Per oz. 30c; $\frac{1}{4}$ lb. \$1.00; per lb. \$3.00.

ARTICHOKE.

The Globe Artichoke is cultivated for its flower heads, which are cooked like Asparagus. On account of its hardiness, easy culture and perennial nature, plants set in any good garden soil, two feet apart, with slight covering in winter, will remain in bearing a long time. Sow seed in April and May.

Large Green Globe is the most popular and best for general cultivation. Paper 5c; oz. 30c; lb. \$2.50.

Tuberous-Rooted Artichokes—Jerusalem Artichokes. Well known throughout the country. The roots are esteemed for pickling, and profitable crop to grow for feeding hogs; yield sometimes 300 bushels per acre. Per peck 75c; bush. \$2.00; by mail, postpaid, 25c. lb.

BEANS.

Of the many varieties of Beans, the following list comprises the very best, of all of which our stock is extra choice, the crop each year being carefully "rogued" and the seed stocks improved by continued intelligent selection.



NEW PROLIFIC GERMAN OR CYLINDER BLACK WAX BEAN.

The Bean crop is a short one and prices may advance.

CULTURE.—About the first of May select a warm, dry, sheltered spot; dig and manure slightly; make drills two inches deep and two feet apart; drop the beans three inches apart in the drills and cover not more than two inches deep. Keep hoed (when not wet) and the weeds killed. Sow every two weeks for a succession.

DWARF OR SNAP BEANS—GREEN-PODDED VARIETIES.

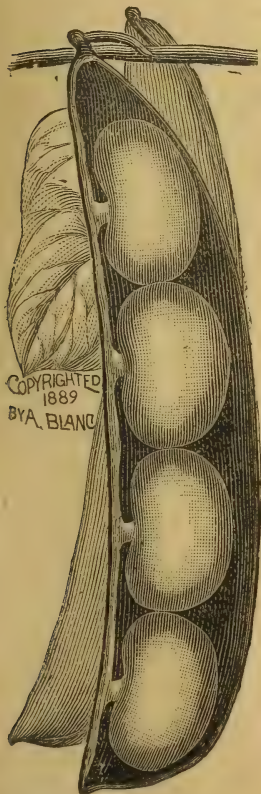
	Pkt.	½ Pint	Pint.	Qt.	Peck.
Improved Extra Early Round Pod Red Speckled Valentine. A select strain of Early Red Valentine. Ripening very uniformly and producing enormously. Pods tender and succulent; the most profitable sort for the gardener, ready to pick in 35 days.....	5	10	15	25	\$1 20
Early Mohawk. Long, flat and straight pod; very hardy.....	5	10	15	25	1 20
Early China. Early, and continues long in bearing.....	5	10	15	25	1 20
Long Yellow Six Weeks. Extra early and a most excellent variety; the leading market sort; has full, flat pods.....	5	10	15	25	1 20
Horticultural Dwarf. Excellent quality as a shell bean, either green or dry; equal to the pole bean, easier to cultivate....	5	10	15	25	1 20
Canadian Wonder, or Rose Bean. Of very dwarf habit. Pods tender and delicious, growing long, frequently fifteen inches, 5	5	10	15	25	1 20
Best of All. The newly introduced dwarf bean, originated in Germany; with long glossy pods, about twice as long as the Valentine; very tender and succulent; enormous producer .	5	10	15	25	1 20
The Goddard, or Roston Favorite. Particularly valuable as a shell bean, being very large, handsome, and of delicious flavor, either green or dry; it is very productive.....	5	10	15	30	1 50
Refugee, or 1,000 to 1. Medium to late; very productive and tender, and largely grown for main crop; round pod.....	5	10	15	25	1 20
Mexican Tree Bean. Productive white sort.....	5	10	15	25	1 20

White Valentine. Prolific; white seeds; extra early; excellent for green and ripe shell bean; the best early white.....	5	10	15	25	1 20
White Kidney. Excellent, either green or ripe.....	5	10	15	20	1 00
White Marrowfat. Good as either a string or shell bean.....	5	10	15	20	1 00
White Navy, or Boston Pea Beans..	5	10	15	20	1 00

FOUR BUSH LIMA BEANS.

The New Bush Limas grow without aid of stakes or poles, in compact bush form, 15 to 18 inches high; produce enormous crops of delicious Lima Beans, which can be as easily gathered as the common garden bush Beans. They are earlier than the climbing Limas, and bear until frost.

	Pkt.	½ Pint.	Pint.	Qt.	Peck.
Henderson Bush Lima or Dwarf Sieva.....	5	15	25	40	\$2 00
Burpee Bush Lima. A bush form of the large pole Lima, the Beans being large and flat, like those of that variety. It is very productive, and its dwarf character is well established.....	10	20	35	60	4 00
Dreer's Bush Lima. About like the Dreer Pole Lima; thick and of fine quality.....	10	20	35	60	4 00
Thorburn Dwarf Lima Bean. (Kummerle strain). A true dwarf Lima, 12 to 18 inches high.....	10	20	35	60	4 00



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BURPEE BUSH LIMA BEAN.

DWARF WAX PODDED VARIETIES.



WARDWELL'S DWARF KIDNEY WAX.

	Pkt.	½ Pint.	Pint.	Qt.	Peck.
Wardwell's Dwarf Kidney Wax. Extra early, hardy and productive; pods long, broad, flat, and of a delicate waxy yellow, brittle and entirely stringless; beans white with two shades of reddish purple and a distinct kidney shape, remarkably free from rust; excellent flavor.....	5	10	15	30	\$1 75
Extra Early Bismark Black Wax. A very early and delicious, round, yellow pod, wax bean; stringless and very prolific.....	5	10	15	25	1 50
White Wax. This is a white bean with flat, yellow pods.....	5	10	15	25	1 50
Grenell's Improved Golden Wax. (Rust-proof). The handsomest and hardiest of all the Wax Beans. Very productive; pods straight, broad and a beautiful golden wax; quality very excellent. It is also one of the very best green shelled Beans and excellent dry. We recommend it to all.....	5	10	15	30	1 75
Dwarf Red Flageolet Wax. Pods very large, sometimes 10 to 12 inches in length, entirely stringless, very fleshy, exceedingly tender and succulent; one of the heaviest yielders and nearly always exempt from rust.....	5	10	15	30	1 75
Black-Eye Wax or Butter. A cross between the Black and Golden Wax. A very superior variety, tender and delicious. The ripened pods are of a transparent, waxy-yellow color ...	5	10	15	25	1 50
New Prolific German, or Cylinder Black Wax Bean. This is an entirely new and improved strain of the old favorite German or Black Wax Bean, earlier and very productive, Pods perfectly round, straight, long, and of an even rich golden color,	5	10	15	25	1 50
Dwarf Crimson or Scarlet Wax. This valuable yellow-podded Bush Bean, in some particulars might be compared with the Flageolet Wax; is very productive, fifty to sixty pods to the vine being quite general, some vines far exceed that number,	5	10	15	25	1 50
Currie's Rust-Proof Golden Wax. It is positively rust-proof. While grown side by side for several years with other Wax Beans, all of them more or less effected by rust, many of them completely ruined by it, this Bean has remained entirely free from it. Exceedingly crisp and tender, and of a most delicious flavor. As early as the Golden Wax, and it					

DWARF WAX-PODDED VARIETIES—Continued.

	Pkt.	½ Pint.	Pint.	Qt.	Peck.
is, moreover, amazingly productive. Habit upright and robust, holding the pods well from the ground; pods long, flat and straight, of a beautiful golden color; the best black wax bean out. Crop very short last year.....	5	15	25	40	\$2 00
Landreth's Pink-Eye Wax. An entirely new Dwarf or Bush variety and most highly recommended.....	5	10	15	25	1 50
Detroit Wax. Fine sort, foliage tinged yellow, vine strong, pods short, flat broad, light yellow wax; free from rust.....	5	10	15	25	1 50



THE GOLDEN-EYED WAX.

The Golden-Eyed Wax. (Rust-proof). The gardeners favorite. Is undoubtedly one of the most profitable sorts for market gardener, being early, enormously productive and rust-proof, the vines vigorous and holds pods well off the ground. Pkt. 5c; ½ pt. 10c; pt. 15c; qt. 30c; peck, \$1.65.

ENGLISH DWARF BEANS.

	Pkt.	½ Pt.	Pint.	Qt.	Peck.
Early Mazagan. Very early.....	5	10	20	30	1 50
Broad Windsor. The largest and best of the class of English Dwarf Beans.....	5	15	25	40

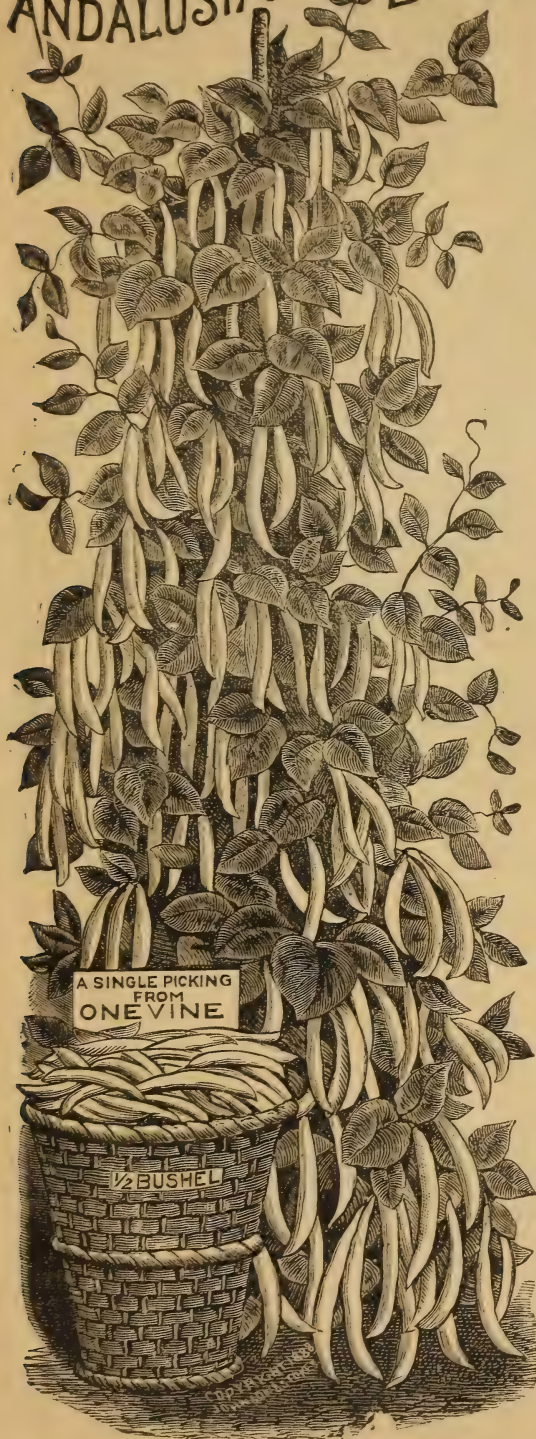
POLE OR RUNNING BEANS

Crop was short and price may advance.

CULTURE.—Sow as soon as the soil becomes warm and dry, from the first of May (for all except Limas) to the latter part of May, in hills four feet apart each way. Limas should not be planted until warm weather has fairly set in. One quart of Limas will plant about 100 hills, allowing four to five beans to a hill, and of the smaller sorts about 200 hills. Poles, eight to ten feet long, should be firmly set in the center of the hills before putting in the seed.

	Pkt.	½ Pint.	Pint.	Qt.	Peck.
Horticultural or Speckled Cranberry. Showy and excellent either snap or shell bean. A popular variety.....	5	10	20	30	\$1 50
Dutch Case Knife. White seeded. Pods long, green and flat; can be either snapped or shelled when used, also for pickling,	5	10	15	30	1 50
Scarlet Runner. A popular English pole bean; very ornamental, producing scarlet flowers; good for snap or green shelled....	5	10	20	35	1 50
Dreer's Improved or Challenger White Lima. Vines vigorous and productive; pods short, broad, straight and coarse; beans large and much thicker than the other sorts of Limas.....	5	10	20	35	2 00

NEW GOLDEN ANDALUSIA BEAN



POLE OR RUNNING BEANS—Continued.

Extra Early Jersey Lima. Matures ninety days from germination. Yield about eighty bushels green pods per acre. Pkt. 5c; $\frac{1}{2}$ pint, 10c; pint, 20c; quart, 35c; peck, \$2.00.

Extra Large White Lima. Largely grown and highly esteemed. Pkt. 5c; $\frac{1}{2}$ pint, 10c; pint, 20c; quart, 35c; peck, \$2.00.

Tall German Wax (Indian Chief). Black seed. A good snap sort, maturing in seventy-five days; also good for shell beans. Pkt. 5c; $\frac{1}{2}$ pint, 10c; pint, 20c; quart, 35c; peck, \$2.00.

Giant Red Wax. Pods long, yellow and tender; very good. Pkt. 5c; $\frac{1}{2}$ pint, 10c; pint, 20c; quart, 35c; peck, \$2.00.

Carolina or Sewee. A small variety of Lima, more easy of cultivation, more vigorous in growth, earlier in season, more prolific in pod. Pkts. 5 and 10c; quart, 40c.

New Golden Andalusia Wax Bean. This new bean has created a decided sensation. Hundreds pronounce it emphatically the *most valuable pole variety ever offered*. It originated in Andalusia, Bucks County, Pa., with a celebrated bean grower. Our illustration gives some idea of its *wonderful productiveness*. It is nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, broad, thick, very fleshy, and *entirely stringless, far surpassing all other varieties in this respect*, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery, and fine flavored. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color and also make a fine shell or winter bean. Large pkt. 10c; pint, 35c; quart, 60c; 4 qts. \$1.75; peck, \$3.00; bush., \$12.00, by freight or express.

White Creaseback Pole. Exceedingly productive; in clusters of from four to twelve handsome green pods, six inches

POLE OR RUNNING BEANS—Continued.

long, perfectly round, entirely stringless, very fleshy. Pkt. 5c; ½ pint, 10c; pint, 20c; quart, 35c; peck, \$1.75.

King of the Garden Lima. A vigorous grower, bearing profusely large pods of large beans of rich flavor; should be in every garden. Our stock is pure and highly recommend same. Pkt. 5c; ½ pint, 10c; pint, 20c; quart 35c; peck, \$2.00.

New Early Golden Cluster Wax. Undoubtedly the earliest pole variety. Only about ten days behind the Dwarf Golden Wax. Although it begins to bear early it continues until frost. Everyone is surprised at its beautiful appearance and productiveness. The pods are from six to eight inches long, borne in clusters of from three to six, and most freely produced; stringless, very tender, and of delicious flavor. Pkt. 5c; ½ pint, 15c; pint, 25c; quart, 40c; peck, \$2.50.

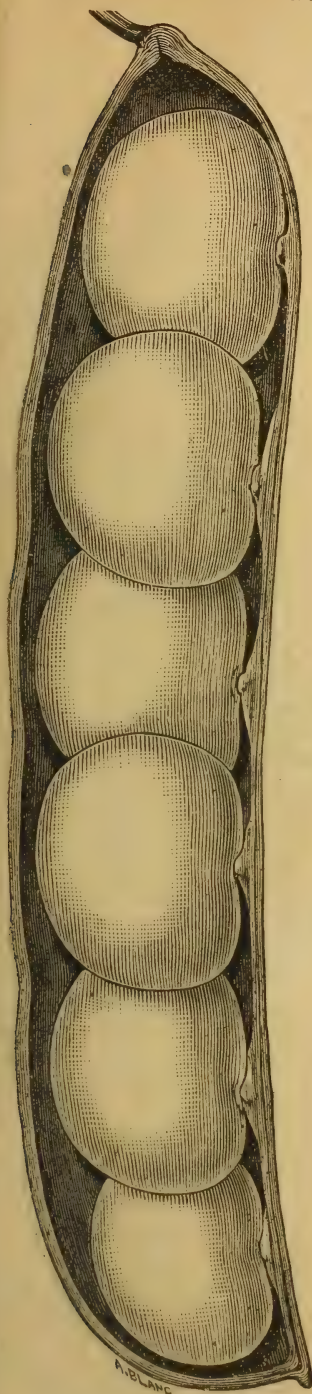
Cut Short, or Cornhill. An old variety, very popular for planting among corn, and will give a good crop without the use of poles; vines medium, with dark colored, smooth leaves; pods short, cylindrical and tender. Pkt. 5c; ½ pint, 10c; pint, 20c; quart, 30c; peck, \$1.75.

Southern Prolific. A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures in seventy days from germination, bearing until frost. Pkt. 5c; ½ pint, 10c; pint, 20c; quart, 30c; peck, \$1.75.

Flageolet Wax. Valuable variety for either private or market garden; early as Black or Golden Wax sorts; always exempt from rust; pods very large size, often a foot in length, exceedingly succulent and tender; enormously productive. Pkt. 5c; ½ pint, 10c; pint, 20c; quart, 35c; peck, \$2.25.

Horticultural Lima. (New). This Bean being a cross between Dreer's Pole Lima and the Dwarf Horticultural, combines the rich, delicious flavor of the large Lima with the dry mealy character of the Horticultural and matures beans fit to use green as early as the latter. It originated along the Vermont shore of Lake Champlain, and is perfectly adapted to latitudes far north of where any Lima can be grown successfully.

It is the hardiest, the earliest and the best quality of any green-podded pole bean; specially adapted for using green shelled. We advise all our customers to try it, as it is the hardiest, the earliest and the best quality. Pkt. 10c; ½ pint, 15c; pint, 30c; quart, 50c.



KING OF THE GARDEN LIMA.

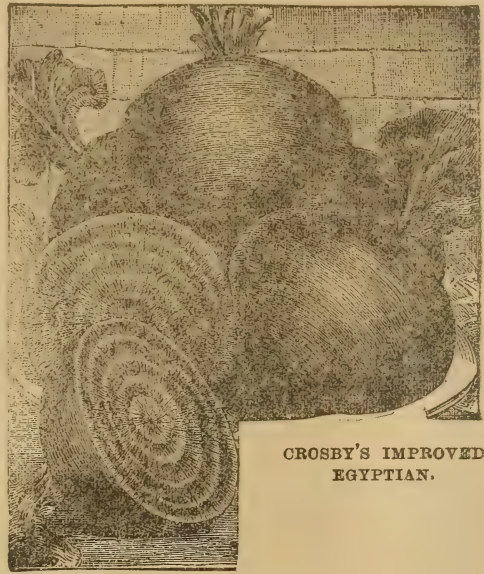
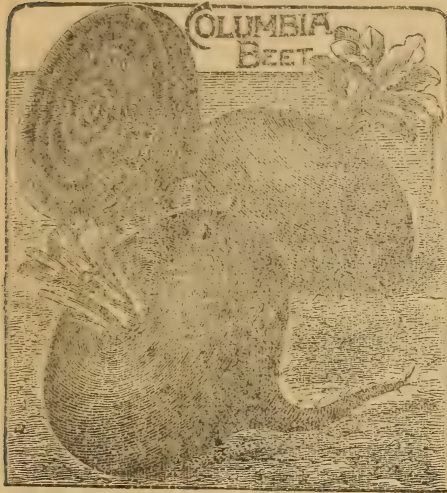


NEW EARLY GOLDEN CLUSTER WAX.

BEETS.—FOR THE TABLE.

One ounce sows 60 feet of drill; 4 to 6 pounds for one acre.

CULTURE.—Sow as early in the Spring as the ground can be worked, and every two weeks after for a succession, up to the first week in July. For general crop sow about the middle of May. The soil should be light, well enriched with manure, plowed and harrowed until very fine. Sow in drills one foot to fifteen inches apart, and when well up, thin from four to six inches. The young Beets pulled out of the rows are excellent used as Spinach.



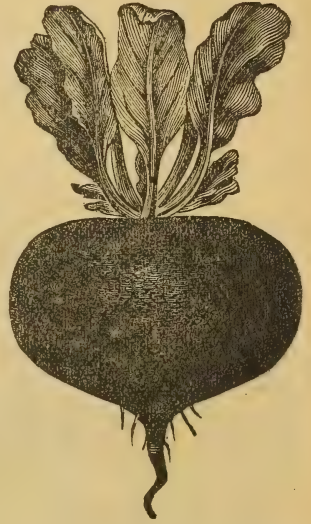
CROSBY'S IMPROVED EGYPTIAN.

	Paper.	Oz.	4 Oz.	Lb.
New Columbia Blood Beet. This is a distinct new beet of a handsome turnip shape, with a smooth skin and deep blood-red flesh of finest quality. Ready to use very early, as soon as the well known Egyptian, but of better quality. It is remarkably thoroughbred. The tops uniformly small, and of rich bronzy color. Is not only of unusual value to market gardener, but its fine quality will delight the private planter	5	10	30	1 00
Crosby's Improved Egyptian. We believe this to be the earliest variety of beet in existence. It was originated by Josiah Crosby, a leading market gardener for the Boston market, and is a great improvement on the old Egyptian, being thicker, handsomer and more regular in shape, smooth, with very small tops and small tap root. It is of perfect shape when small, thus making a good beet for bunching, and is very popular with the Toledo market gardeners for this purpose....	5	10	25	80
Improved Early Egyptian. The standard early market sort; color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops	5	10	20	60
Eclipse. A very early, smooth, dark, globe-shaped beet, with small top; in earliness and quality it is excelled by none; a good cropper; we can recommend it highly for market and family use	5	10	20	65
Early Blood-Red Turnip. The old stand-by and a universal favorite. Deep blood color, Good early and late.....	5	10	20	55
New Half Long Blood. This is an entirely new and distinct variety—by far the best for Summer and Winter use. The roots are only half as				

BEETS FOR THE TABLE—Continued.

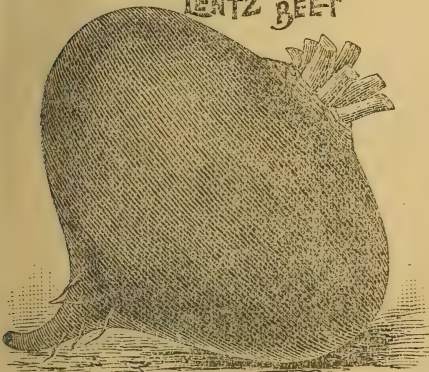
	Paper.	Oz.	4 Oz.	Lb.
long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions.	5	10	25	75
Bassano. Extra early. Flesh light color, very sweet; excellent for greens.	5	10	20	60
Long Smooth Dark Blood. A good variety of late Beet, sweet and tender.	5	10	20	65

Lentz' Blood Turnip. (New). This variety originated with one of the largest market gardeners in Philadelphia. It is as early as the Egyptian, but larger, of fine dark red color, a very small top, tender and sweet. It is very productive and a good keeper. Pkt. 5c; cz. 10c; ¼ lb. 25c; lb. 75c.



EDMAND'S NEW BLOOD BEET.

LENTZ BEET



Edmand's Early Blood Turnip. One of the best Beets grown, being a very careful selection. The roots are of good form, round with only one single small tap root, the flesh is of a deep blood red color, and very sweet and tender. They

can be planted very closely as they do not grow large and coarse and have a very small top. It is one of the best for the market gardener and for table use. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 65c.

Improved Arlington, or Rawson's Boston Market Beet. A great favorite, of medium size and a dark rich blood-red color. One of the strongest points in favor of this variety is the fact that it does not get bitter and stringy when it is a little old as is the case with many other varieties, but is sweet and tender at all times. Its grand quality, uniform shape and beautiful color leave nothing to be desired in this grand Beet. Pkt. 10c; oz. 15c; ¼ lb. 25c; lb. 70c.

Swiss Chard, or Sea-Kale Beet. Cultivated for its leaves, which are used similar to Spinach. The midribs are stewed like Asparagus. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

MANGEL AND SUGAR BEETS.

STOCK-FEEDING VARIETIES.

The attention of farmers to the growing of roots for feeding stock has increased rapidly, judging from the increased sales of our selected seeds, which now reach several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and the increased yield of milk in cows.

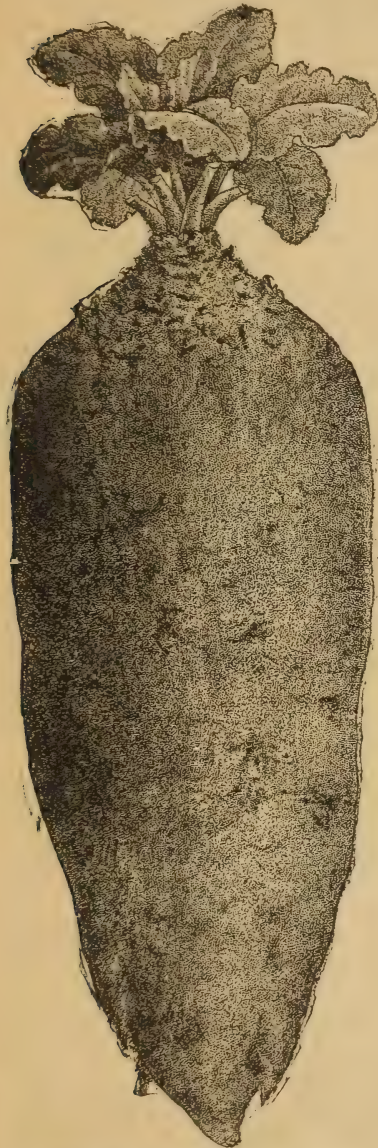
The importance and value of this crop to all farmers cannot be over estimated, and is fully realized by very few, when the fact is considered that as high as 50 tons of Mangel Wurzel may be grown on a single acre, thus providing fresh and healthful stock food for the Winter at so small an outlay.

The seed should be sown from April to middle June, in drills two feet apart, and afterwards thinned out to stand 9 inches apart in the rows. Keep well cultivated and you will

have an abundant crop of roots for Winter use. The plants can also be replanted like Cabbage.

From five to six pounds of seed required to the acre. In quantities of five pounds and over, by freight or express, 10 cents per pound may be deducted from prices per single pound.

Write for estimates on larger quantities.



NORBITON GIANT OR JUMBO RED
MANGEL.

ive; keeps well; is of orange-yellow color, very sugary; easily pulled. Pkt. 5c; ol. 10c; $\frac{1}{2}$ lb, 25c; lb. 40c.

Klein-Wanzleben. This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is a heavier yielder than Vilmorin's Imperial and contains from 13 to 15 per cent. of sugar. Pkt. 5c; oz. 10c; $\frac{1}{2}$ lb. 25c; lb. 40c.

Norbiton Giant or Jumbo Red Mangel. Stands head above all other varieties of mangels; unequalled for yielding and feeding qualities. Grows to a very large size, weighing from thirty to forty pounds, and will yield forty-five tons per acre with good cultivation. Thousands of farmers have grown this mangel and call it the most profitable farm crop they ever tried. If you want large crops of large mangels of good quality don't fail to try the Norbiton Giant or Jumbo Red Mangel; enormous cropper. Preferred by many to common Long Red, as its keeping quality is considered better and it is much larger. Pkt. 5c; oz. 10c; $\frac{1}{2}$ lb. 25c; lb. 45c.

Golden Tankard Yellow-Fleshed Mangel. This distinct variety is a most important addition to our list of roots for stock feeding, as it contains less water and more sugar than any other mangel. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. In England, where it is considered indispensable for dairy farming, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this mangel, but also that the cows are in much better condition. Is exceedingly hardy and maturing earlier than other large sorts. Pkt. 5c; oz. 10c; lb. 45c.



GOLDEN TANKARD MANGEL.

Champion Yellow Globe Mangel Wurzel. For cattle; large and produc-

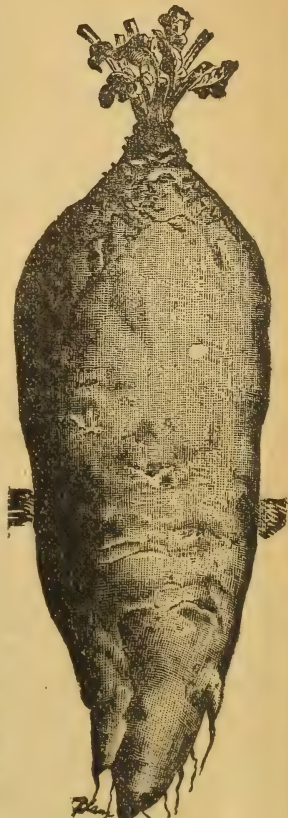
MANGEL AND SUGAR BEETS—Continued.

White French Sugar Beet. Grows to a large size, and useful for making sugar as well as stock feeding. Pkt. 5c; oz. 10c; ½ lb. 25c; lb. 40c.



LANE'S IMPROVED IMPERIAL SUGAR BEET

Lane's Improved Imperial Sugar Beet. (See illustration). An improvement on the French Sugar Beet. The most popular, profitable and productive variety of sugar beets in cultivation. For feeding cattle, sheep or swine it has no equal. This beet will yield from 30 to 40 tons per acre, at a cost of 5c. per bushel. It is the result of many years' improvement, by carefully selecting and planting for several years the finest specimens of the French Imperial Sugar Beet. It is the one best adapted to the soil and climate of the United States, and most valuable of any for stock-feeding purposes. The beets grow to a large size, and perfect in shape. Very free from side roots, easily grown and excellent keepers. We recommend Lane's Improved Sugar to our friends and customers who anticipate growing beets for feeding purposes, as it is certainly one of the most profitable and valuable kinds. Pkt. 5c; oz. 10c; ½ lb. 25c; lb. 40c.



MAMMOTH LONG RED MANGEL WURZEL.

Mammoth Long Red Mangel Wurzel. Very large and productive. Pkt. 5c; oz. 10c; ½ lb. 25c; lb. 40c.

No crop will pay the farmer better than Mangel Wurzel and Sugar Beet. † SPECIAL PRICE given on application, for larger quantities of any kind Mangels and Beets.

BROCCOLI.

This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

		Pkt.	Oz.
Early Purple Cape.	Best for the North, producing compact brownish purple heads,	10	40
Early Walcheren.	Very large.....	10	60

BRUSSELS SPROUTS.

This is a delicious vegetable, of fine flavor, allied to the Cabbage family, producing great numbers of small heads for sprouts on the main stem of the plant, which are used in the manner of Cabbage. Used and prepared as greens, they are best in the Autumn, especially after frost. Pkt. 5c; oz. 25c; ¼ lb. 60c.

OUR RELIABLE CABBAGE SEED.

WE ARE HEADQUARTERS FOR SELECT AND TESTED SEED.

Reliable, because it is sure to head under circumstances where any Cabbage will head. Sure to head, because the seed is all carefully grown from selected heads of the very best strains. Our trade increases largely every year among Market Gardeners and large growers, who are very cautious of whom they procure their Cabbage Seed, and well they may be, for it is their most important crop. We especially recommend our Select Very Early Jersey Wakefield, a variety of celebrity, for first early; Henderson's Early Summer; Henderson's Succession, Fottler's Improved Brunswick, Chase's Excelsior, and Winnigstadt, for second early; our Market Gardeners' Large Late Flat Dutch, Bloomsdale Premium Flat Dutch, All Seasons, Sure Head Flat Dutch, Burpees All Head and Autumn King, for general crop.

Our Cabbage Seed is the best that is grown in the United States. We do not touch any cheap seed. Imported Cabbage Seed, of the late sorts especially, will not head in this country. One ounce of seed produces 1,500 to 2,000 plants, and sows an area of about 40 square feet. For Cabbage worm try "Slug Shot."

FIRST EARLY.



SELECT EXTRA EARLY JERSEY WAKEFIELD.

Select Extra Early Jersey Wakefield.

Certainly deserving of its great popularity, and is grown for market more extensively than any other early Cabbage. It heads up remarkably hard and solid; the heads are pyramidal in shape, generally pointed at the end, and having few outside leaves, the plants can be close together. The heads are of excellent quality and of good size. Pkt. 5c; ½ oz. 10c; oz. 20c; ¼ lb. 75c; lb. \$2.50.

Stein Early Flat Dutch. A remarkably fine strain, a sure header, the heads weighing from ten to twelve pounds the most valuable early for market as well as private garden. We can recommend this sort very highly. Pkt. 5c; ½ oz. 10c; ox. 25c; ¼ lb. 75c; lb. \$2.50.
Pkt. ½ Oz. Oz. ¼ Lb. Lb.

Winnigstadt or Conc. An old standard variety; heads of a fair size, conical in shape, very solid; good for early and late ...	5	10	20	60	\$2 00
Henderson's Early Summer. The standard for second early.					
We have an excellent strain of this well known sort.....	5	10	20	65	2 25
Fottler's Early Drumhead or Short Stem Brunswick. A rapid grower, has large solid head, and but few outside leaves. If planted early it is ready for use in July or August; planted late it is a choice Winter sort.....	5	10	20	60	2 00
Chase's Excelsior Flat Dutch. A magnificent medium early for Fall market; one of the best for market and private garden,	5	10	20	65	2 25

SECOND EARLY.

Genuine Surehead. This popular Cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in the markets. Is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Paper, 5c; oz. 25c; ¼ lb. 75c; lb. \$2.50; 2 lbs. \$4.50.

SECOND EARLY CABBAGE—Continued.



HENDERSON'S SUCCESSION CABBAGE.

Henderson's Succession.

This new Cabbage, of which we offer the best Long Island seed grown from headquarter's stock, is described by the introducer as follows: "The Succession is about one week later than the Early Summer, but is double the size and is so finely bred that in a field of ten acres every head was a magnificent, perfect specimen, fit for exhibition purposes. Despite the low prices realized by Cabbage crop last season, the Succession brought paying prices wherever grown, and may well be regarded a boon to the gardening community. Pkt. 5c; ½ oz. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

All Head Early Cabbage. It is the earliest of all large cabbages. Is fully one-third larger than Early Summer. The deep, flat heads are remarkably solid and uniform in color as well as in shape and size. Is of fine quality. By reason of the compact habit of growth of the **ALL HEAD EARLY** and the absence of loose leaves, fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants eighteen inches apart in rows with three feet between the rows for cultivation, and Nine Thousand Six Hundred and Eighty (9,680) plants can be set on one acre, ninety-five per cent. of which, in an ordinary season, and with good cultivation, will make good merchantable heads. "All Head" is all that can be desired for earliness, it is also VALUABLE FOR A LATE OR WINTER CABBAGE. To Winter well the heads must be deep or THICK THROUGH—a prominent feature of this variety. Seed of the All Head sown in July, and plants set out about the middle of August, will bring heads large and solid which are sure to Winter well. Pkt. 5c; ½ oz. 15c; oz. 25c; ¼ lb. 80c; lb. \$2.75.



ALL HEAD EARLY CABBAGE.

SECOND EARLY CABBAGE—Continued.

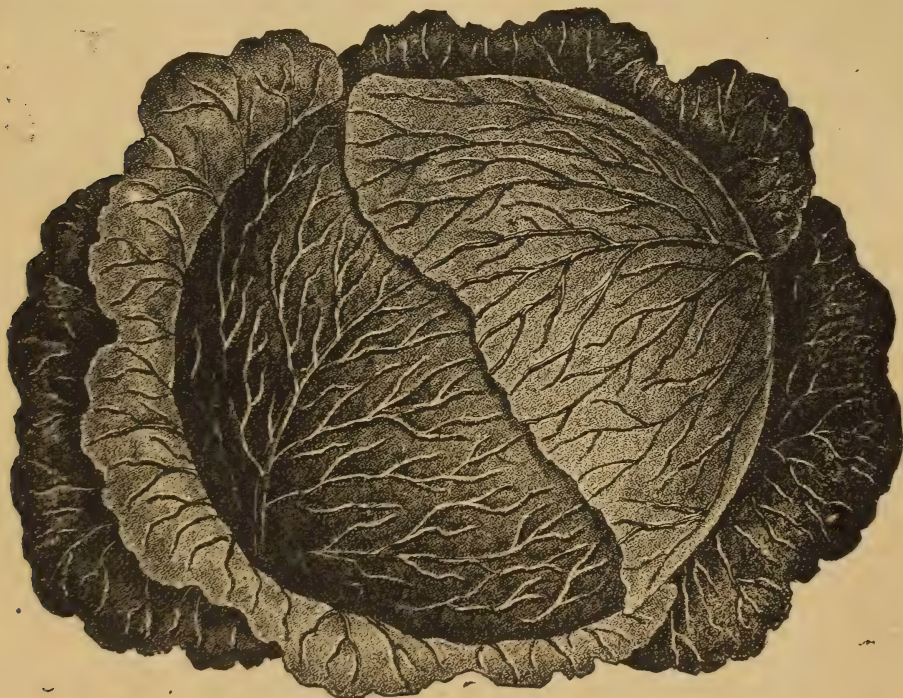
All Seasons. This strain of Early Drumhead Cabbage we offered to the public six years since, under the broad claim of being about as early as the Early Summer and growing much larger. Gardeners everywhere say they find our claims are fully substantiated in every particular. As its name indicates, it can be planted at all seasons. It forms a fine large head of superior quality, not bursting after heading; the heads are of great thickness, which makes it a capital market sort and good keeper. Paper, 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; lb. \$2.25.



PREMIUM LARGE LATE FLAT DUTCH.

Early Dwarf Flat Dutch. An excellent second early variety, producing fine large heads after the first early varieties have disappeared. Highly valued, both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top; tender and fine grained. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Premium Large Late Flat Dutch. As a variety for the Winter market this has no superior. Heads large, round, solid, broad, and flat on the top; they open white and crisp, are tender and well flavored. It is also one of the very best varieties to keep. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.75.



OUR MARKET GARDENERS' LARGE LATE FLAT DUTCH.

(Specially grown for us on Long Island.)

Market Gardeners' Large Late Flat Dutch. For a large, heavy, hard, smooth-leaved, late-ripening Cabbage, no strain is superior and few equal to this. The leaves are feathered

to the stalk, slightly fluted or twisted on the outer edges. Color, a clear green with a gray or ashy shade under certain lights. The head is thick, broad, solid and slightly rounded on the top, though the variety is what is termed a flat head. The natural habit of the seedling plants is to develop thick, short, stocky stems. The seed is worth twice the money asked for it. The strain carefully selected to meet the most critical demand. To those who have never grown this splendid type of Cabbage, will say that we have received hundreds of the most flattering testimonials about this valuable Cabbage. All give it the highest praise, and we recommend this to our friends as one of the best and most productive Winter Cabbages in the country. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



IMPROVED AUTUMN KING CABBAGE.

ordinary late sorts, and can be relied upon to produce a greater weight of crop per acre from the fact of its producing so few outer leaves and going all to head. We understand that some other Seedsmen are offering this same stock of Cabbage under the name of "World Beater," which variety was introduced a few years later as one of the grandest of all Winter Cabbages, which is the case with the Autumn King. Paper, 5c; $\frac{1}{2}$ oz. 15c; oz. 30c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

Improved Autumn King Cabbage. The finest of all Winter Cabbages. The best keeper, enormous solid heads, introduced six years ago, has proved itself the peerless variety and is just now coming into general use. We have no hesitation to recommend it as one of the finest late Cabbages in this country. The Autumn King is an entirely distinct variety and the best keeper ever seen; it produces enormous solid heads of that dark shade of green that is most desirable in a Cabbage, and has such small outer leaves that it can be planted much closer than the



BLOOMSDALE LARGE LATE DRUMHEAD.

Bloomsdale Large Late Drumhead. This is one of our standard late maturing varieties. Large, solid head, with very short stem, grows very compactly. Heads frequently attain 20 to 30 pounds. We highly recommend this great Cabbage to all; always reliable as a header and noted for its excellent quality. Pkt. 5c; $\frac{1}{2}$ oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



DRUMHEAD SAVOY.

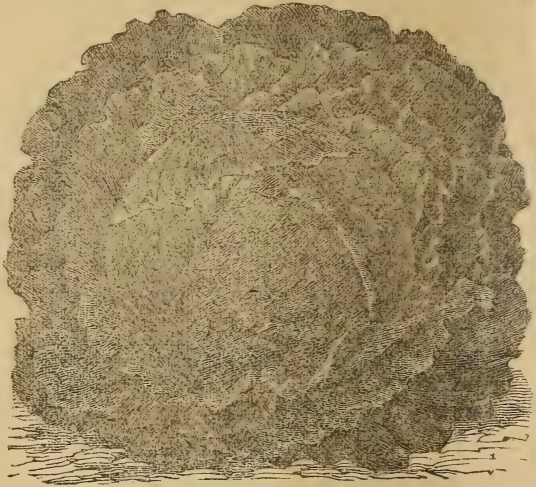
SAVOY OR CURLED CABBAGE.

	Pkt.	½ Oz.	Oz.	4 Oz.	Lb.
American Late Drumhead Savoy. A superior sort for family use in Winter and Spring; of delicate flavor, 5	10	25	75	\$2	50
Early Dwarf Ulm Savoy. Small, round, deep green heads; very early; excellent..... 5	10	25	75	2	50
Green Globe Savoy. Early, very tender and sweet.... 5	10	25	75	2	50

RED CABBAGE.

Extra Early Dark Red Erfart. The earliest and finest red. A useful sort for pickling. Pkt. 5c; ½ oz. 10c; oz. 25c; 5 oz. 75c; lb. \$2.50.

Mammoth Rock Red. The Mammoth Rock Red is a large growing and selected strain of late Red Cabbage. The heads will average 12 lbs. each. Pkt. 5c; ½ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.



MAMMOTH ROCK RED.

Much imported Cabbage Seed is offered as American, at low prices. Our experience is that imported seed of the late varieties is worthless.

CAULIFLOWER.—CHOICE SELECTED.

One ounce of seed will produce about 2,000 plants.



EARLY SNOWBALL.

CULTURE.—The most delicate and delicious of all the Cabbage family and requiring the same culture and treatment, but being more delicate the good culture and richness of the soil recommended for Cabbage are absolutely necessary for the Cauliflower. By sowing the early varieties in the Spring in a hotbed or cold frame, or even in an open border, they can be obtained in pretty good season.

	Pkt.	¼ Oz.	½ Oz.	Oz.
Extra Early Selected Snowball. (Henderson's strain). A variety of widest celebrity, by reason of its reliable qualities of productiveness, color, flavor and keeping in condition. Early, good size, pure white, medium length of stalk. Leaves long and narrow. The variety of which most seed is sold.....	20	75	\$1 40	\$2 50
Select Extra Early Dwarf Erfurt. For some years past one of the standards. Of highest excellence, and for field culture not much surpassed by any type of newer name. Some so called new varieties appear to be identical with Select Erfurt.....	20	75	1 40	2 50
Early Snowball. (Grown from Henderson's stock). One of the best early varieties in cultivation; fine white heads of delicious flavor; sure header, and a great favorite. Pkt. 10c; oz. \$1.25; ¼ lb. \$4.00; lb. \$15.00,				
Early Dwarf Erfurt. (American grown). Justly popular everywhere for extra earliness, and one of the best; large, compact heads. Pkt. 10c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.00.				
Extra Early Paris. One of the earliest varieties in cultivation. Very dwarf, large white compact heads, of finest quality. Highly recommended	10	25	40	75
Algiers. Admirable sort; favorite with market gardeners. Try it.....	10	25	40	75

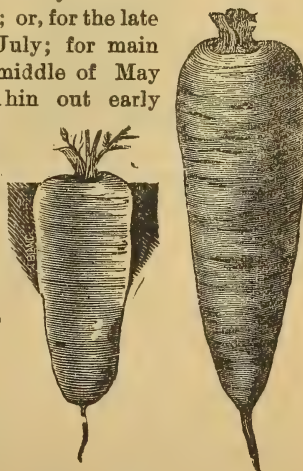
CABBAGE PLANTS.—Large quantities at special rates. Early Jersey Wakefield and Henderson's Early Summer, from cold frames, ready from January 1st to May 1st—\$1.00 per 100; \$6.00 per 1,000. Spring sown and transplanted, half above prices; ready May 1st. Cabbage, Cauliflower and Celery plants at the lowest market prices.

CARROT.

Sow 1 ounce to 200 feet of drill; 3 lbs. to the acre.

CULTURE.—Sow as early as the ground can be worked; or, for the late crop, latter part of July; for main crop, sow from the middle of May to first of July. Thin out early crop to 3 inches in row; main crop 4 to inches; the rows 10 inches apart for early crop, 14 for main crop. Hoe often and deeply between the rows. Soil, light sandy loam, richly manured, and deeply dug.

Chantenay Half Long Scarlet. A stump-rooted variety, somewhat resembling the well known



EARLY HALF LONG STUMP-ROOTED. JAMES' INTERMEDIATE.

CHANTENAY HALF LONG SCARLET.

Nantes Carrot, but having a larger shoulder and being much more productive. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. \$1.00.

Early Half Long Stump-Rooted. Coreless; flesh red; of fine quality. In size and time of maturity it is between the Early Scarlet Horn and the Long Orange. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 90c.

James' Intermediate. This variety nearest resembles the Danvers (it might be called two-thirds long), but thicker at shoulder and heavier. Pkt. 5c; oz. 10c; ¼ lb. 25c; 1 lb. 80c.

Early Scarlet Horn. Blunt, deep red flesh, tender and delicate; a good early Summer sort.

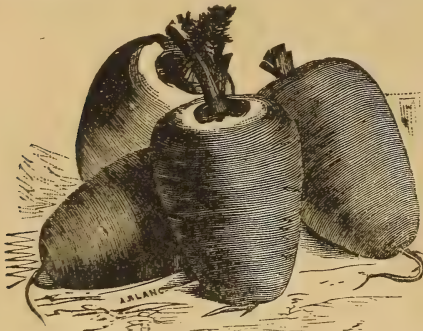
Also good for forcing. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 80c.

Early Scarlet Horn Pointed. Very productive; fine table. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 80c.



HALF LONG DANVERS.

Half Long Dauvers. Very thick; of good quality and exceedingly productive. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 80c.



GUERANDE OR OX-HEART CARROT.

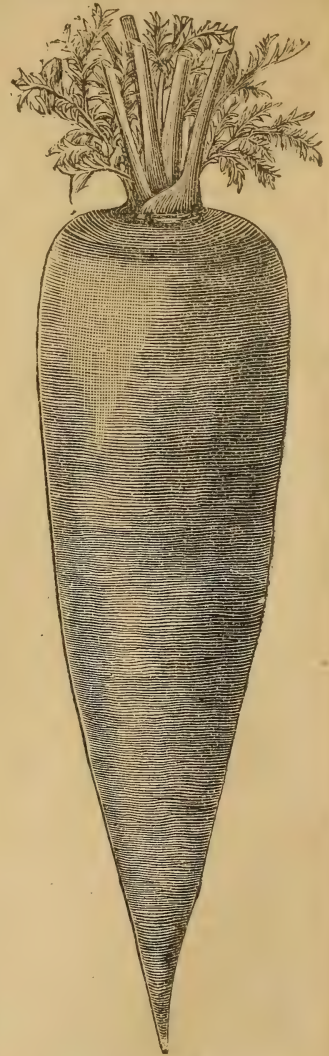
Guerande or Ox-heart Carrot. A very desirable new carrot. In length intermediate between Short Horn and Chantenay; much thicker than either, and carries its thickness well down towards the bottom. In color as dark as Chantenay; is an immense cropper, early harvested, requiring no digging, while its handsome appearance and excellent table qualities make it valuable for either the market or home garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 80c.

IMPROVED LONG ORANGE CARROT.

Improved Long Orange. Our improved Long Orange Carrots, as will be seen by the illustration annexed, are far superior to the ordinary varieties of Long Orange Carrots, and will yield fully twice as much to the acre as the common varieties. In no other vegetable has there been such improvements recently made as in the carrot, and we claim to have the best strain of Long Orange Carrot there is to be found in this country. We ask our friends to give it a trial, and be convinced of its great superiority. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c

Altringham. This carrot is an immense and sure yielder. Roots are long and large, of a fine scarlet, good flavor, and superior feeding qualities. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c.

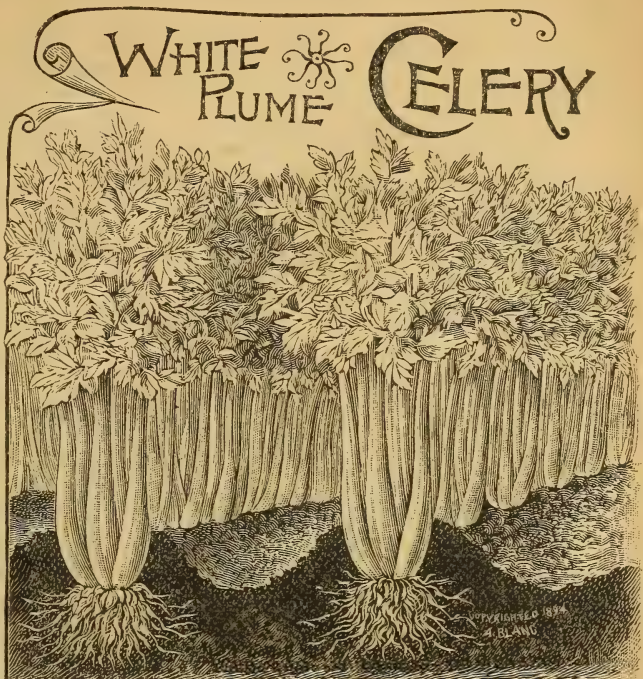
Large White Belgian. Very productive kind, grown almost exclusively for stock; grows one-third out of the ground; lower part of root white; that above ground green. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 50c.



CELERY.

One ounce will produce about 3,000 plants.

CULTURE.—A very popular and now extensively grown vegetable. It can be grown with good success in any ordinary good soil, but attains perfection in deep, mellow, bottom land. Sow when the Apple is in bloom, on a finely raked surface and cover scarcely at all, quite early in the Spring, in a moist place or convenient to water, which apply freely in dry weather. When the plants are four inches, more or less, in height, transplant a portion into very shallow trenches formed in well-manured land, which planting repeat at intervals of two or three weeks for a succession, until the necessary quantity is set out.



NEW GOLDEN SELF-BLANCHING CELERY.

White Plume Celery. The earliest, the easiest grown and most profitable for market. A desirable feature of this Celery is that (similar to the Golden Self-Blanching), *naturally*, its stalks and heart are white, so that by closing the stalks, by simply drawing the soil up against the plant end pressing it together with the hands, the work of blanching is completed, without, as in most varieties, the additional troublesome process of "banking." It is also ornamental on the table, and is the *earliest* Celery in cultivation, but will not keep longer than Christmas. Pkt. 5c; oz. 25c; $\frac{1}{2}$ lb. 75c; lb. \$2.50.

New Golden Self-Blanching. (Golden Yellow Large Solid). It is quite as self-blanching as White Plume. The entire plant is of a yellowish-green color; as it approaches maturity the inner stems and leaves become a beautiful yellow color, adding much to its beauty. It grows to a good size, is very tender, crisp and solid; is of excellent quality and very beautiful. The readiness with which it is bleached and rendered marketable makes it invaluable to the gardener and exceedingly popular with every planter. Excellent sort for early planting and good keeper. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$3.00.



NEW GIANT PASCAL CELERY.

Crawford's Half Dwarf. A great favorite with market gardeners. Early, solid, of vigorous growth, and nutty flavor; very ornamental and exceeds many of the larger growing kinds in weight. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Boston Market. A very superior market variety; much esteemed for family and market use and a good keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Red or Pink. A variety fancied by some by reason of its distinctive color and hardness. Quality good; desirable in the private garden as one of the most reliable sorts. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.50.



CELERAIC.

CELERAIC OR TURNIP-ROOTED CELERY.

CULTURE.—Sow early in the Spring, in light, rich soil; transplant in May into beds. Grown exclusively for its roots, which are turnip-shaped, very smooth, tender and marrow-like. The roots are cooked and sliced; used with vinegar they make an excellent salad. They are also used for seasoning meats and to flavor soups.

Prague Giant. Of fine flavor and large size. Pkt. 5c; $\frac{1}{2}$ oz. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

Mixed Celery Seed. For flavoring. Per oz. 5c; $\frac{1}{4}$ lb. 15c; lb. 40c.

New Giant Pascal. No variety yet introduced has been a more marked and valuable improvement. Developed from the Large, Solid, Golden Yellow, it retains the beautiful color, the thick, solid crisp stalks, and the incomparable flavor of that variety, but is of much stronger growth, also larger, producing perfectly blanched stalks, over two feet in length and proportionately thick, yet never in the least stringy. It is unequalled for rich, nutty flavor, and blanches very easily. A fine keeper and excellent shipper, retaining color and fresh appearance longer than any other. The best all round Celery yet introduced. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.

Dwarf Golden Heart. A distinct variety of sturdy dwarf habit. It is solid and an excellent keeper, and of fine nutty flavor. When blanched, the heart, which is large and full is of a light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.



DWARF GOLDEN HEART.

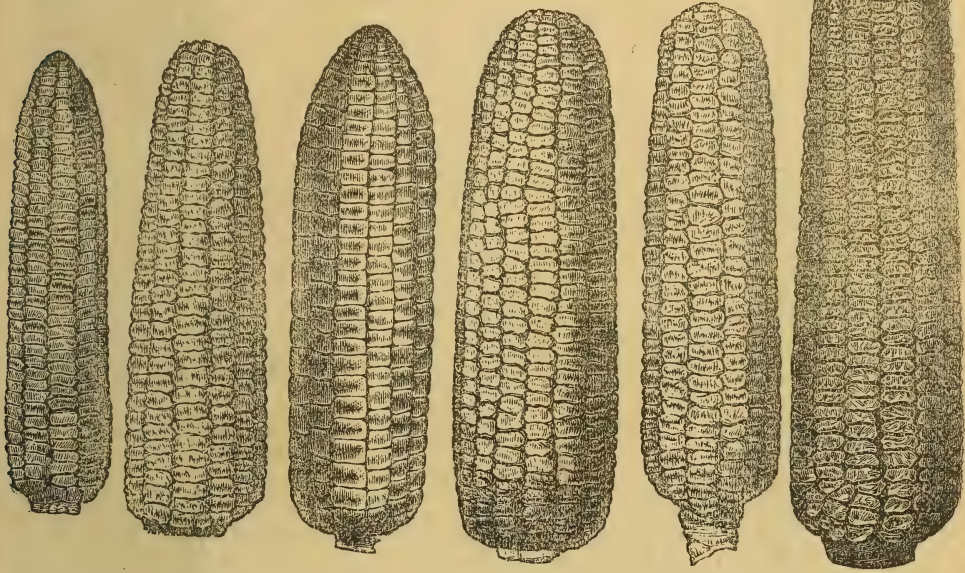
SWEET CORN—EASTERN GROWN.

The crop of Sweet Corn is about one-half of an average one this year and there will be a scarcity of some varieties, and prices may go higher.

One quart plants 200 to 300 hills. Eight or ten quarts for an acre.

Special prices will be made for larger quantities than here quoted.

CULTURE.—The Sweet or Sugar Corn varieties being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become warm, and for a succession plant every two weeks until the last week of July, in hills 2x3 feet for the early kinds, and 3x4 for the large, late kinds. Some plant in drills 3½ feet apart and eight inches in the row. Give frequent and thorough cultivation.



OLD COLONY.

EXTRA EARLY CORY.

MAMMOTH SUGAR.

EARLY TRIUMPH.

SHAKERS' EARLY.

EARLY MINNESOTA.

	Pkt.	Pint.	Qrt.	Peck.
Old Colony Sweet Corn. This variety is earlier than Stowell's, but otherwise resembling it, having a fine deep grain. It remains in market condition for some time, much longer than the average of corn. Can be raised farther north than Stowell's. A little later than Moore's..	5	10	20	90
New Cory. Extra Early. The earliest variety of Sweet Corn known. Has a large ear considering size of the stalk and its extreme earliness; small cob, well filled with broad deep grains; good quality ...	5	10	20	90
Mammoth Sugar. This produces the largest ear of any Sweet Corn, a single ear sometimes weighing as much as two or three pounds; quality very sweet and luscious; a favorite variety.....	5	10	20	80
New Triumph. Excellent, and the earliest of the large varieties. Flavor rich and sweet; largely grown as a market sort.....	5	10	20	80
Shakers' Early. Ready about the same time as the Early Minnesota, but the ears are much larger; from two to three large ears; kernels large, of pearly whiteness and of delicious flavor.....	5	10	20	90
Early Minnesota. One of the earliest sorts of Sweet Corn; ears of suitable size for market purposes; esteemed for its excellent qualities..	5	10	20	80

Pkt. Pint. Qt. Peck.

Extra Early Adams. The earliest white Corn; ready for table sixty days after germination. Height of stalk three to four feet; not a sugar corn, but a decided acquisition so very early in the season. In large demand among market gardeners..... 5 10 15 80

Early White Cory. In all respects identical with the New Cory except color, kernels and cob being white; earliness the same. This removes an objection some have to the Cory on account of its color... 5 10 20 90

Russell's Prolific. Only a few days behind the earliest. As large as the Evergreen; kernels very large, pearly white and sweet; ears are ten, to twelve rowed, large and plump; stalks strong bearing two or three ears each. Pkt., 5c.; pt., 10c.; qt., 20c.; peck, 80c.

Country Gentleman. A short-stalked productive sort, frequently producing three ears to the plant. Ear large for so small a stalk; grain narrow and very deep, after form of shoe peg. Highly recommended. (Ne Plus Ultra or Quaker Sweet). Pkt., 5c.; pt., 10c.; qt., 20c.; peck, 90c.

Crosby's Early Sugar. Early; great favorite in the markets; productive and of excellent quality. Pkt., 5c.; pt., 10c.; qt., 20c.; peck, 80c.

Perry's Hybrid Sweet Corn. A very fine early variety, fully as early as the Minnesota and ears much larger, each containing from twelve to fourteen rows of kernels, well filled to the end. The grains are very large and pure white, but the cob is red. Pkt., 5c.; pt., 10c.; qt., 20c.; peck, 90c.

Moore's Early Concord. A good second early. Many gardeners plant it as late as July 1st, as the ears will sell as well as Stowell's Evergreen. Pkt., 5c.; pt., 10c.; qt., 20c.; peck, 80c.

Ohio Red Cob Evergreen Sugar. This variety we consider one of the best for a general crop; coming immediately after the second earliest. It is very productive, has large, well-filled ears, with deep kernels and small cob; is very sweet. Pkt., 5c.; pt., 10c., qt., 20c.; peck, 90c.

The Hickox Corn. A large-eared variety, very white, tender and sweet. It grows eight, ten and twelve rowed. A great favorite with those who can corn for market. It ripens about a week earlier than Stowell's. The ears are longer and not quite as thick as Stowell's. Highly recommended. Try it. Pkt., 5c.; pt., 10c.; qt., 20c.; peck, 90c.

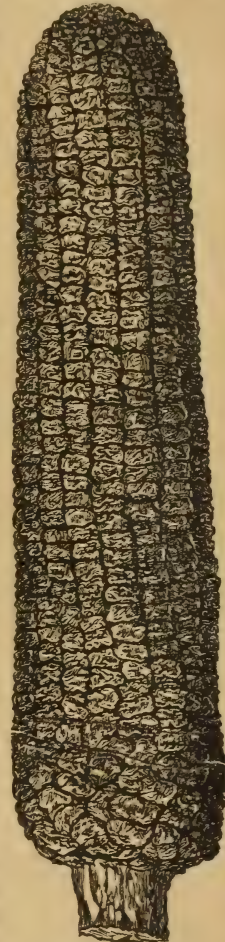
Black Mexican. A black-grained variety; one of the sweetest of all kinds, Egyptian, or Washington Market. Ears of a large size, very sweet and of rich flavor. Very productive; used extensively for canning.... 5 10 20 1 00

Stowell's Evergreen. Grown more extensively than any other variety, being a great favorite with canners and market gardeners for late use. The ears are of large size; kernels very deep, tender and sugary; very productive, and remains a long time in fit condition for table use..... 5 10 20 80

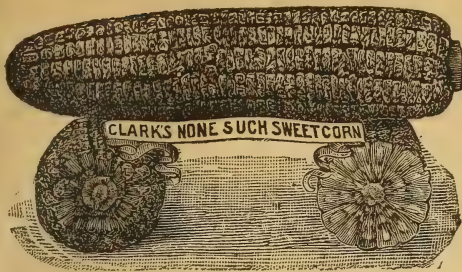
Asylum Sugar. More vigorous than Crosby. Stalk six feet, ears long. Very desirable for market and private gardens..... 5 10 20 80



COUNTRY GENTLEMAN.



OHIO RED COB EVERGREEN SUGAR.



Clark's None Such Sweet Corn. A variety long needed to fill the want of a large eared second early sort; the ears grow large; the grain of good size, pink colored cobs with white grain; quality of the best, being very sweet and tender; grows nearly as high as Evergreen. Many stalks have three and four ears. An immense yielder. This Corn should be tried by all market gardeners and private families. Pkt. 5c; pt. 10c; qt 20c; peck 90c.

SWEET CORN FOR FODDER.

There is nothing better for green food, or for curing for Winter than Sweet Corn. Cattle highly relish it, and, when fed on it, keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Farmers in this section should raise more Sweet Corn as feed for young hogs, which is sure to give better results than feeding common field corn. Also excellent for soiling. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. Peck 50c; bushel \$1.50; lower grade \$1.25.

Special prices given on application, to parties wishing to purchase large quantities of Sweet Corn.

POP CORN.

	Pkt.	Pint.	Qrt.
Silver Laced Pop Corn. Splendid popping qualities, large grain, productive..	5	15	25
Early White Rice Pop Corn. Very early production; good for popping.....	5	15	25
Queen's Golden. A new variety, of great excellence; stalks six feet with three to six large golden ears each. It pops perfectly white and often expands to an inch in diameter; remarkably tender and of a delicious taste.....	5	15	25

If wanted to be sent by mail, add 15c. per quart to prepay postage. Pop Corn in the ear at 5 cents each, postage paid.

CHERVIL.

Curled. A sweet herb, the leaves of which are used for flavoring soups and stews, and for garnishing same as Parsley. Pkt. 5c; oz. 15c; 4 oz. 40c.

CHICORY.

Large-Rooted Magdeburg. Roots of this form the Chicory of commerce. Pkt. 5c; oz. 10c; 4 oz. 25c.

CORN SALAD, OR FETTICUS.

CULTURE.—Sow during August and September, in drills or broadcast. Keep down weeds with hoe. Just before the first of the Winter, cover thinly with clean straw or leaves. A delicious hardy salad.

	Pkt.	Oz.	4 Oz.	Lb.
Large Seeded.....	5	10	25	75
Small Seeded.....	5	10	20	65

COLLARDS.

True Georgian or Creele. Excellent for Greens; quite extensively grown in the South. Pkt. 5c; oz. 10c; ¼ lb. 35c.

CRESS.

CULTURE.—Sow thick in shallow drills, every two or three weeks. Cut often, it will continue to grow. Useful as salad; for breakfast-table and garnishing. True Water Cress should be sown in damp soil—if a stream of water can be utilized it would be much finer; will also thrive well in damp hotbeds.

	Pkt.	Oz.	Lb.
Curled or Pepper-Grass.....	5	10	60
Broad-Leaved.....	5	10	75
True Water Cress.....	10	35	\$4 00



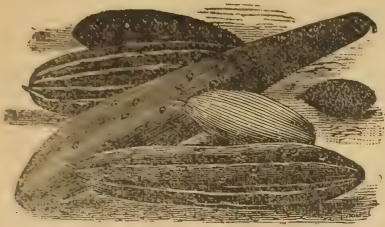
CORN SALAD.

CUCUMBERS — SELECTED SEED.

Crop of 1894 a very short one.

One ounce for fifty hills. One to two pounds for an acre.

SLUG SHOT IS DEATH TO THE BUGS.



CULTURE.—For very early sow seeds in hotbeds upon pieces of sod, or in small pots, and they can be readily transplanted, with a gain of about six weeks before they can be sown in the open ground. Plant out in rich soil, when danger of frost is over. For general crop sow in the open ground as soon as the weather is settled and warm, and again every two weeks for a succession. For pickles, sow from the middle of June to the first week in August.

Early Russian. Earliest in cultivation, hardy, prolific, only about three inches long; fine for pickles; unsurpassed for table use; remarkably solid, with very few seeds, and of best quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

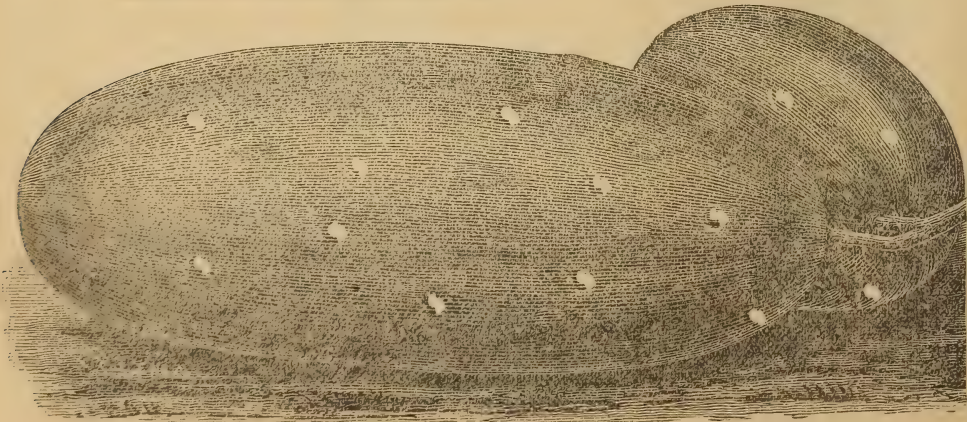
Extra Early Frame, or Early Short Green. Although often sold under each name as different varieties, both are one and the same Cucumber. Productive, of vigorous growth, early fruits of medium size, straight and well formed: popular for both table use and pickling. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Early Green Cluster. Fruit small and in clusters; valuable for pickles. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



Improved Extra Early White Spine. For both market use and pickling this variety is now more largely grown than any other, and is very much superior to the old White Spine. Our stock is grown from the true Boston strain. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

IMPROVED EXTRA EARLY WHITE SPINE.



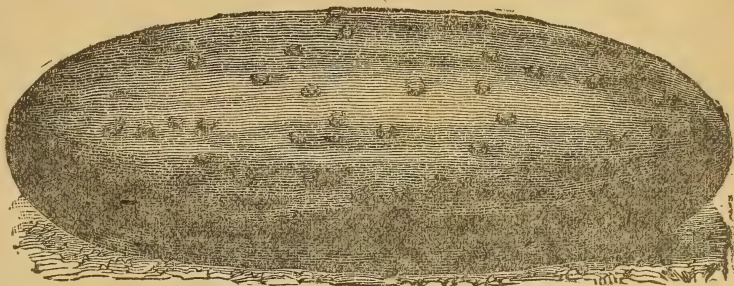
TOLEDO MARKET EVERGREEN WHITE SPINE.

Toledo Market Evergreen White Spine. A new and improved strain of the well known White Spine and fast becoming the favorite with market gardeners, both for forcing and outdoor

culture. It differs from the ordinary White Spine in the fact of always *remaining of a deep green color* in all stages of growth. Altogether it is a most welcome and valuable acquisition for pickling, market or home use and should be tried by all who have a garden. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Nichol's Medium Green Cucumber.

This new Cucumber is worthy of the first place among pickle sorts, second to none as a slicer, and very good for early forcing purposes; in color dark green; flesh crisp and tender; productive, medium in size, always straight and smooth; a real handsome, good variety. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



NICHOL'S MEDIUM GREEN CUCUMBER.

Long Green Improved. Long, crisp, and a popular and reliable variety for pickles and slicing for table; good for general crop. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 70c.



EXTRA GREEN PROLIFIC PICKLING

Extra Green Prolific Pickling. One of the best for pickling; dark green, very productive and of uniform small size; very few seeds. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.



BOSTON OR JERSEY PICKLING.

Boston or Jersey Pickling. A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Extra Long White Spine or Evergreen. This variety often grows to exceed 12 inches in length. Very smooth, straight and handsome; is quite early, very prolific, of a dark green color in all stages of growth, crisp, tender and free from bitterness. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; lb. 75c.

Small Gherkin. Very small burr; used for pickles. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.00.



EGG PLANT.

CULTURE.—Sow early in the hotbed. When plants are three to four inches high transplant two feet apart, in rich, warm, dry soil. Cultivate the same as cabbage.

To Cook.—Cut the slices one-fourth to one-half inch in thickness; pare off rind; put into dish with a layer of salt between the pieces, beginning with a layer of salt in bottom of dish. Let stand three or four hours, then wipe each slice dry with a cloth; fry in a batter of eggs and flour; season to taste and you have an excellent dish.

Landreth's Thornless Large Round Purple.
Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

New York Improved Large Purple. The best variety in cultivation, being early, a sure cropper, and of fine quality. Fruit very large, oval, deep purple; flesh white and tender. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

NEW YORK IMPROVED LARGE PURPLE EGG PLANT.



WHITE CURLED ENDIVE.

ENDIVE.

CULTURE.—For an early crop sow in April; for general crop, sow in June or July; cover lightly. When up, thin out to eight inches apart. When the leaves are six or eight inches long, blanch by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry, or they will rot. At the approach of Winter, take up carefully, with a ball of earth to each plant, and place close together in frame or cellar for use. They must be kept dry and have plenty of air, or they will rot.

	Pkt.	Oz.	4 Oz.
Green Curled Winter. Best for general crop, crisp in quality, hardy	5	20	40
White Moss Curled. Very beautifully curled; for early season	5	20	50
Broad-Leaved Batavia. Has broad, thick, slightly wrinkled leaves.....	5	20	50

GARLIC.

Large Bulb. Prepare ground and cultivate same as Onions.....per pound, 20c.
 Small Sets or Seeds. Will make large bulbs.....per pound, 50c.

GOURD.

The Gourd is a tender annual, and should not be planted till the danger of frost is over, and not less than six feet apart each way, in good rich loam.

	Pkt.	Oz.
Sugar Trough. This variety grows to a very large size, and is valuable when dry for a variety of household purposes, baskets, buckets, etc.....	5	25
Dipper. Very useful for many purposes; holding about a quart; with a long handle, ..	5	25
Nest Egg. Japanese nest egg. They resemble a hen's egg in color, shape and size..	5	25
Dish Cloth. Grows two feet in length. The lining and inner portion is sponge-like, tough and elastic, and is used for dish cloths.....	5	25

KALE OR BORECOLE.



DWARF GERMAN CURLED KALE.

	Pkt.	Oz.	4 Oz.
Curled Dwarf Green Scotch. Very dwarf and spreading; best strain..	5	10	30
Curled Tall Green Scotch. Hardy; best after frost.....	5	10	30
German Dwarf Green Curled. Very fine; light green.....	5	10	40
German Dwarf Brown Curled. Very hardy.....	5	10	40

KOHL RABI—ABOVE THE GROUND, OR TURNIP-ROOTED CABBAGE.



KOHL RABI.

CULTURE.—When young and tender they are fine for table use; when matured they will keep well and are excellent for Winter feeding to stock. For early use sow in hotbed, transplant and cultivate like early cabbage. For Winter use sow the middle of June or first of July, in rows 18 inches apart. One ounce of seed for 1,500 plants.

	Pkt.	Oz.	4 Oz.
Early White Vienna. Flesh white and tender	5	20	60
Early Purple Vienna. An excellent sort, later than the white....	5	20	60
New Smooth White. Very short leaved: Extra fine for market and table use, the best Kohl Rabi, much superior to Vienna.....	5	25	80

LETTUCE.

One ounce of seed for 2,500 plants.

Every Gardener should have a plentiful supply of Lettuce. With but little trouble, and the proper selection of varieties, it can be had the whole year round, while no other salad is so appetizing or more wholesome.

CULTURE.—To have fine Lettuce, in early Spring, sow in seed-bed from commencement to middle of Autumn. Protect the plants by a cold frame or with litter, as they stand on the ground. Early in the Spring transplant them into rich ground. Or in early Spring sow in hotbeds and transplant. For a later supply sow in drills, from time to time, during Spring and Summer; when up a few inches thin out, leaving plants at proper distances; this is a better plan than transplanting late in the season.



EARLY WHITE CABBAGE LETTUCE.

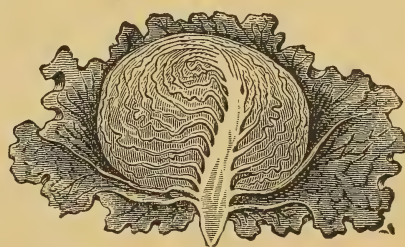
Pkt. Oz 4 Oz. Lb.

Denver Market. This novelty in Lettuce forms beautiful, large, solid heads, of a delicate light green color; the leaves are blistered, like a Savoy Cabbage, most attractive in appearance. It is very tender, of excellent flavor, grows quickly; is good to sow early in the open ground, yet is slow to run to seed 5 15 40 \$1 40

Early White Cabbage or Butter Salad. This is our leading and standard sort; heads large, solid, close and well formed, very tender, crisp and of excellent flavor, and always free from bitterness. Desirable for forcing and for out of doors 5 15 40 1 40



NEW SILVER BALL LETTUCE.



EARLY HANSON LETTUCE.

New Silver Ball. This Lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery white color, very rich, buttery, of most delicious flavor. Early and stands a long while before running to seed. An excellent variety, both for early Spring and Summer use, 5 15 40 1 40

Early Hanson. Improved hard heading stock. Forming fine, large, solid

	Pkt.	Oz.	4 Oz.	Lb.
heads, which are both crisp and tender. They frequently attain two to three pounds each. We regard it as a very valuable variety,	5	15	40	\$1 25
Tennis Ball. (White Seeded). A favorite forcing variety, forming a hard head; can be planted quite closely under glass. Largely used in hotbeds, forcing pits and greenhouses; very hardy.....	5	15	40	1 25
Grand Rapids Forcing. Being often disappointed in getting the genuine stock of this grand Lettuce, we, this season, had our seed of this kind grown for us by a highly responsible party here at home, and we recommend same as pure and reliable. Price for this is...	5	25	75	2 50
There is nothing superior, if it has any equal, for growing under glass; it requires less care, will grow more weight in the same space, is not liable to rot, and will keep longer without wilting than any other variety; it is of fine appearance, crisp and tender. Is also valuable for out-door growing. Price for outside grown seed,	5	15	40	1 50

California Cream Butter

Lettuce. This forms round, solid heads of good size. The outer leaves are green, marked with small, brown spots; the inner portion is a rich cream yellow and of a rich, buttery flavor. Is medium early, an excellent Summer lettuce, slow to go to seed. Pkt. 5c; 4 oz. 50c, lb. \$1.65.

Early Curled Silesian. A cutting variety; earliest for out-door planting. Does not head; affords good-flavored salad long before the cabbage varieties have commenced to head. Color almost golden.....



CALIFORNIA CREAM BUTTER LETTUCE.

.....	5	15	40	1 25
Early White-Seeded Curled Simpson. This variety does not head, but forms a compact close mass of leaves; for forcing and early out-door sowing.....	5	15	40	1 25
Black-Seeded Simpson. Like the Curled Simpson, this variety does not properly form a head, but it is lighter in color, the leaves nearly attaining double the size of the Curled Simpson; it is well suited for forcing, and it is one of the best for market gardeners.....	5	15	40	1 25
Boston Market. This is an improved variety of the Tennis Ball, and attains a large size. It grows very compact, is white and crisp; one of the best varieties for forcing or out-door growing. Try it..	5	15	40	1 25
New Salamander. For Summer use; forming good sized compact heads; color light green outside, white on inside; withstands heat,	5	15	40	1 25
Prize Head or Early Brown Cabbage. Bronzed, curled. Newsort. A half cabbage variety of bronza-edged leaves; a beauty.....	5	15	40	1 25
All-the-Year-Round. Adapted for growing any season of the Year; heads medium size, very hard, crisp, compact; of good quality....	5	15	40	1 25
New York. A very large green Lettuce with solid heads, often weighing three to four pounds each. Not suited for forcing, but excellent for Summer use, being slow to shoot to seed.....	5	10	30	1 00

MELON—MUSK OR CANTALOUPE.

Crop not over one-half of an average one.

One ounce of seed for 60 hills, 2 to 3 lbs. for an acre.

CULTURE.—Select a light, sandy, rich soil and after all danger of frost is over and the ground has become warm and dry, plant in hills from four to six feet apart each way, six to twelve seeds to the hill. When up and all danger of insects is passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even dry road dust, is excellent to sift over the young plants when the dew is on, to prevent the attacks of insects. A few hills for early fruit may be had by sowing in hotbed on pieces of sod or in pots. The seeds may also be started out of doors under hand frames or glasses.



EXTRA NEW EARLY HACKENSACK.

Extra Early Hackensack. This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, which it much resembles in shape and quality. The Melons are of good size, weighing from five to ten pounds each; excellent for market and private garden,

Pkt. Oz. 4 Oz. Lb.

5 10 25 75

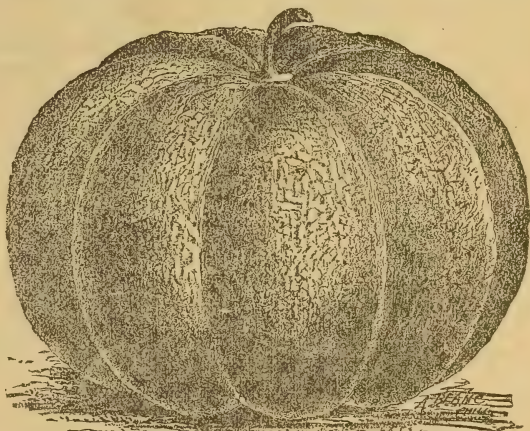
Extra Early Citron Nutmeg. First in the market, the largest of the very early. A decided acquisition among the Cantaloupes. Ten days earlier than any other, fair size and of fine flavor. A variety which for its early maturity will be found profitable by all market gardeners, also in the private garden till others come into condition.....

5 10 20 60



TOLEDO EARLY MARKET.

Toledo Early Market. This fine Melon has been in our market for many years, cultivated and sold by our market gardeners of long experience, especially successful as melon growers, in which no little skill is required, as market men well know. They have sold this Melon as high as \$3.00 per dozen to our markets and commission houses. Is a type of the well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of the *very sweetest*, but *much larger* and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh. We recommend it highly

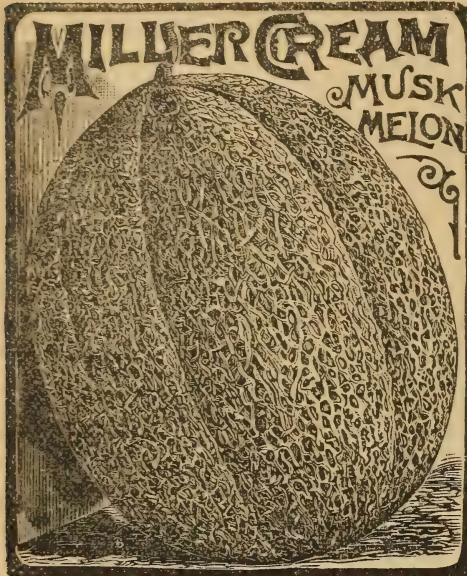


MONTREAL MARKET NUTMEG.

5 10 25 80

Pkt. Oz. 4 Oz. Lb.

Hackensack or Turk's Cap. Without doubt the best general crop Melon. It is round, well netted. similar to the Early Hackensack, but of larger size; flesh green and thick, delicious flavor, beautiful in appearance. Very popular the country over. Our stock of this cannot be excelled.....	5	10	20	70
Montreal Market. Excellent variety of the largest size. We have had them weighing over 20 pounds. In shape almost round, flattened at ends, deeply ribbed; skin green and netted, flesh green	5	10	25	75



Miller's Cream or Osage.

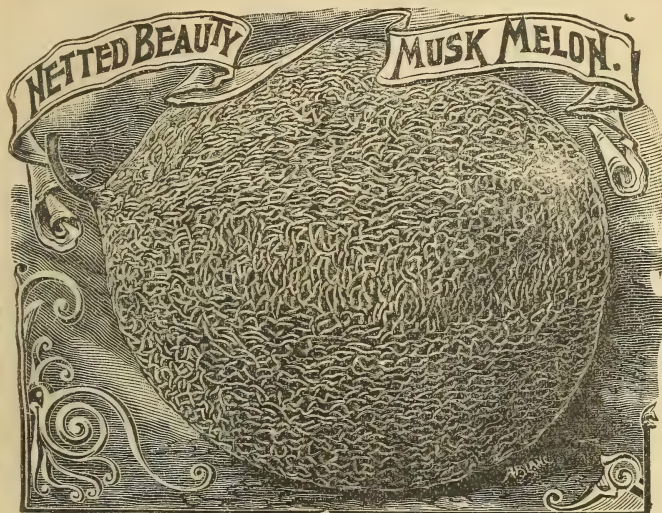
Few Melons can be compared with Miller's Cream in point of flavor; it is one of the finest

we ever tasted; the flesh is a rich salmon color, very thick, sweet, rich and delicious. It has very thin rind, and finely netted. It is a vigorous grower, very productive, and covers the ground with beautiful, solid fruit. This Melon is undoubtedly one of the finest, best flavored and most profitable for market or private garden....

.....	5	10	25	75
The Princess. Nearly round in shape, with heavily netted dark green skin; flesh of a rich salmon color, and thicker than in any other Melon, very sweet and luscious in flavor; ripens early and grows to a good size.....	5	10	25	75
Netted Nutmeg. Large green; named from its shape; green flesh, sweet; good for main crop	5	10	20	65
Baltimore Nutmeg Cantaloupe. A Melon of high repute in Philadelphia and Baltimore. Is showy, pointed at both ends, strongly netted, green fleshed, fine flavored, productive and a good shipper.....	5	10	25	75
Long Yellow Cantaloupe. Yellow flesh. Very fine	5	10	20	65
The Surprise. Early. Oblong, with rich orange flesh, delicious quality,	5	10	20	65
Fine White Japan. Early. Light green flesh and white skin; excellent,	5	10	20	65
New Columbus Musk Melon. This distinct, attractive, peculiar netted, handsome Melon, has proved to be one of the finest ever cultivated; it is a green fleshed, general crop variety, ripens with Hackensack, and very heavy yielder; the flesh is very solid, thick, never bursts open at either end and the best Melon for shipping. We highly recommend it	5	10	25	75
Champion Market. Almost a perfect globe in shape, and densely netted, making one of the handsomest Melons known. Very uniform in				

size and shape (4 to 6 lbs.). The flesh is thick, green in color and of rich, sweet flavor; very productive, frequently bearing seven perfect Melons on a single vine, which mature quite early, and ripen up finely. An excellent shipper.....

Pkt.	Oz.	4 Oz.	Lb.
5	10	20	75



Netted Beauty. Called also the Columbia, by some. This new variety was first introduced two years ago. It has met with large sale and many leading Melon growers consider it the very best Extra Early sort they have ever grown, having realized handsomely on their crops of Netted Beauties, owing to their great earliness and distinct handsome appearance, being completely covered with a dense netting, and entirely free from any tendency to rib like other sorts. Also very productive; the whole

crop averaged the past two seasons over ten melons to a vine on good ground. Flesh pale green, very thick, sweet, high flavored. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c.

Emerald Gem. Medium size, nearly round; flesh a delicate light salmon color, very thick fine grained and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted, very early and one of the best for home use. Pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 70c.

Philipps' New Giant. This new and distinct variety is the largest variety of Musk Melon in the world, absolutely pure. Flesh very thick, fine grained and salmon tinted. Give it a trial. Pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 80c.

Musk Melon Seed in mixed lots of 5 pounds, 15 cents per lb. less.

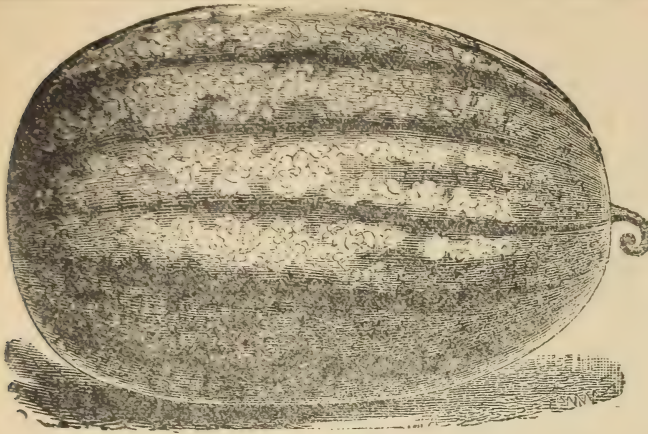
WATER MELON.

THE BEST FRUIT THAT GROWS.

One ounce will plant about 50 hills, and ¼ lbs. will plant an acre.

CULTURE.—Treat the same as Musk Melon, except that they should be planted eight to ten feet apart, according to variety.

	Pkt.	Oz.	4 Oz.	Lb.
Kolb Gem. Extra Northern grown. Large; bright red flesh, of fine quality and a good shipper.....	5	10	20	50
Peerless Improved. Of medium size, thin rind, light mottled green; flesh bright scarlet, solid to center, crisp, melting and sweet as honey,	5	10	20	50
Improved Ice Cream. True. (White Seed). Rind light green, flesh scarlet, solid and delicious, enormously productive, of unexcelled quality.....	5	10	20	50
Phinney. Extra early market. The first to ripen and of fine quality, red flesh.....	5	10	20	60
Black Spanish. Large, roundish, nearly black; dark red flesh; early..	5	10	20	60
Improved Long Light Icing, or Icerind. Form long; rind light green in color. A good cropper, very desirable in quality. The favorite Watermelon among market gardeners. A grand variety, superior to the Round Icing, doing well on light soils. Highly recommended.	5	10	20	65



CUBAN QUEEN.

Oblong; dark green, rind thin, flesh red, solid, sweet. Pkt. 5c. oz. 10c; 4 oz. 20c; lb. 60c.

Cuban Queen. Selected.

This magnificent and distinct Melon is certainly one of the largest and finest varieties ever introduced. Try it. Pkt, 5c; oz. 10c; 4 oz. 20c; lb. 60c.

The Boss. The most delicious. A new handsome early oblong variety, of nearly the same thickness throughout; skin very dark, flesh deep scarlet, sugary, melting and of excellent flavor. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Improved Mountain Sweet.



Improved Long Dixie. Selected. A new Watermelon of excellent merits and recommended as the best shipping Melon grown, being larger, earlier and more productive than the Kolb Gem, which has heretofore been considered the best Melon for shipping. It is of very fine appearance, a darker green than the Kolb, more beautifully striped. Longer and extremely hardy; its eating quality is unexcelled. We have the genuine stock 5

Pkt. Oz. 4 Oz. Lb.

Our Christmas Watermelon. The most desirable and greatest keeper, and most valuable, new and distinct Watermelon. Will keep for both a Christmas and New Year's dinner, as fresh and delicious as the day they were picked. Flesh a beautiful rich scarlet, very solid and of luscious sugary flavor 5

5	10	25	75
5	10	20	50

	Pkt.	Oz.	4 Oz.	Lb.
Mammoth Ironclad. This variety grows uniformly to a larger size than any other, producing under ordinary cultivation, Melons forty to sixty pounds in weight; for shipping is one of the best.....	5	10	20	60
Fordhook Early. New, of late introduction; an extra early sort of large size, averaging in weight 35 lbs, excellent quality. Don't fail to try same	5	10	30	1 00
Preserving Citron. Red Seed. Used in making sweetmeats and preserves; flesh solid white.....	5	10	20	60
Colorado Preserving Citron. Larger than the common, weighing 25 to 40 lbs, flesh very solid and makes very clear transparent preserves of fine flavor.....	5	10	20	60

Lots of 5 pounds and upwards ten cents per pound less.



LARGE FLAG.

LEEK.

One ounce will produce 1,000 plants.

CULTURE.—Sow early in Spring, in drills six inches apart and one inch deep. Thin out to one inch. When about seven inches high, transplant them in rows twelve inches apart, and as deep as possible, but do not cover the young center leaves. Water thoroughly, if dry when planted out. Draw earth up to them as they grow. Very rich soil is required. Take up and store in earth in a cool cellar before winter weather.

	Pkt.	Oz.	4 Oz.
Large Improved London Flag. Broad leaves growing on both sides; of strong and vigorous growth; hardy.....	5	20	50
Large Musselburgh or Scotch Champion. Leaves broad and tall, spread like a fan; hardy and of excellent quality. We highly recommend this.....	5	25	60

MUSHROOM SPAWN.

CULTURE.—Mushrooms can be grown in a dry cellar, under the benches of a greenhouse, or in sheds where the temperature can be kept from 50 to 60 degrees through the winter.

English Spawn, 15c. per lb.; 12 lbs. for \$1.50.
French Mushroom Spawn, in boxes containing two pounds each, price \$1.00 per box by mail, or 75c. per box by express, at expense of purchaser. Full directions for growing and cooking mushrooms, with each order, when desired.



MUSHROOM SPAWN.

NASTURTIUM, OR INDIAN CRESS.

CULTURE.—Sow as soon as all danger of frost is past, in drills about an inch deep. The tall kinds require fences or poles on which to climb for support. If left to trail upon the ground the fruit is apt to be injured. The seeds are used in flavoring pickles, or as a substitute for Capers. The flowers are also very ornamental.

Dwarf Yellow; Dwarf Crimson Tall Mixed; Tall Blood-Colored. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb 40c; lb. \$1.25.

OKRA, OR GUMBO.

CULTURE.—Select rich soil and plant when the ground becomes warm. The pods are used to thicken soup, being gathered when young.

Dwarf Prolific. Of dwarf habit and an abundant bearer; the best sort in use; with long green slender pods. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c.

OUR PEDIGREE TESTED ONION SEED.

GOOD ONION SEED IS OF THE UTMOST IMPORTANCE. Fully realizing this, we have for some years made a SPECIALTY OF ONION SEED, and have all our crops raised under special contract, subject to careful supervision. Our Onion Seed is *all grown from choice selected bulbs*, critically examined before being set out for seed. In quality it is vastly superior to much that is put upon the market, often grown by persons either too inexperienced or too careless to select fine, well-shaped bulbs. In vitality it is *very strong*, being *carefully tested*. The very rapid increase in our Onion Seed trade, particularly among market gardeners, many of whom order twenty-five and more pounds of seed, is the very best evidence that our Onion Seed is UNEXCELLED IN QUALITY.

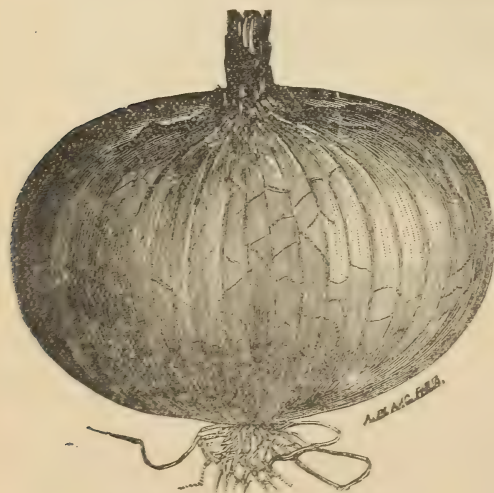
Our new crop Onion Seed of 1894, is VERY HEAVY and of perfect germinating power. Onions have sold well the past season and good seed will be in large demand; we have placed our prices as low as possible for *best quality seed*. We are sure that no reliable Seedsman can sell Onion Seed of equally as good quality for less money.

The crop of 1894 was a fair one, with the exception of the Large Red Wethersfield, which is not over one-third of an average; this causes an advance in price for this variety.

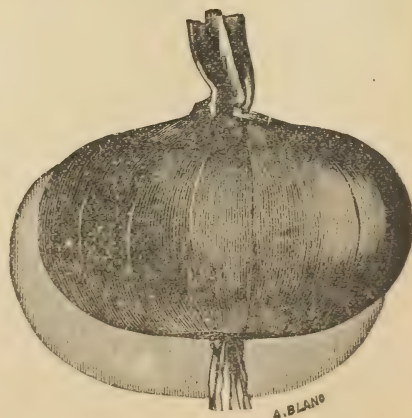
CULTURE.—One ounce to 100 feet of drill, 4 to 5 pounds to the acre. The Onion thrives in a rather deep, rich, loamy soil, and unlike most vegetables, succeeds well when cultivated on the same ground for successive years. As early in the Spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep and a foot apart, cover with fine soil, and press down with the back of a spade or a light roller. If grown to make large Onions, thin plants gradually, so that they stand two or three inches apart. Keep the ground free from weeds by frequently hoeing, taking care not to stir the soil too deeply.

You can grow full sized Onions the first year from our black seed; for this purpose 4 to 5 pounds of seed per acre are required. To raise small sets, 40 to 50 pounds of seeds are required per acre, and for this purpose the best varieties are the Yellow Danvers, Yellow Strasburg, Early Red and White Silverskin.

AMERICAN TESTED VARIETIES.



LARGE RED WETHERSFIELD.



YELLOW DANVERS.

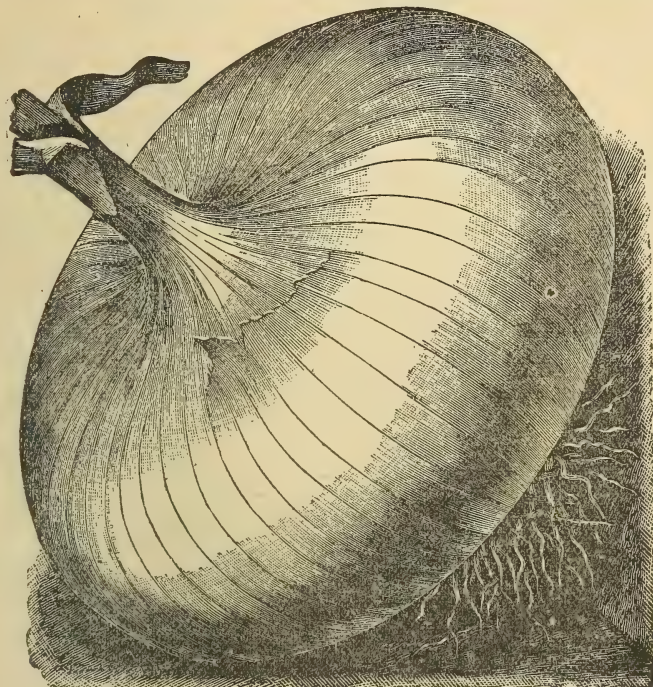
Pkt ½ Oz. Oz. 4 Oz. Lb.

Large Red Wethersfield. Large size, deep red, the standard, the heaviest yielder and most profitable Onion for market.....	5	10	15	50	1 75
Yellow Danvers. Flat. A splendid Onion for the market or home use, sells readily in the market, very productive.....	5	10	15	50	1 50

AMERICAN TESTED VARIETIES.—Continued.

	Pkt.	½ Oz.	Oz.	4 Oz.	Lb.
Extra Early Red. Smaller than Red Wethersfield, and about ten days earlier; color beautiful deep red. Give it a trial—	5	10	15	50	\$1 50
Large Red Globe. This is a very handsome variety, and is deserving of general cultivation. It matures early, grows to a large size, skin deep red; flesh fine grained, mild and tender,	5	10	15	50	1 75
Yellow Dutch or Strasburg. One of the oldest varieties, a good keeper; used largely for growing sets as well as for market,	5	10	15	50	1 50

Mammoth Silver King Onion. This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference and often weighing 2½ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy-white and tender, of a mild sweet flavor. We know of no variety of this vegetable that has attracted so much attention as this. Its striking size and handsome appearance, as well as mild flavor, recommend

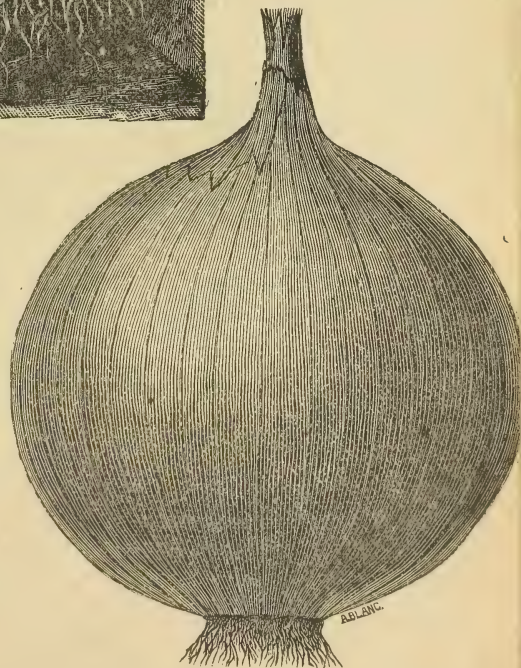


MAMMOTH SILVER KING ONION.

it for exhibition at fairs, for the fancy market as well as the home table. Pkt. 5c; oz. 20c; 2 oz. 35c; ¼ lb. 60c; lb. \$2.25.

Yellow Globe Danvers. Extra selected. Extensively grown as a main crop; true globe shaped variety, beautiful golden color, very productive, a first-rate keeper and shipper, the best and most profitable market sort. Our seed cannot fail to please. Pkt. 5c; ½ oz 10c; oz. 15c; 4 oz. 50c; lb. \$1.50.

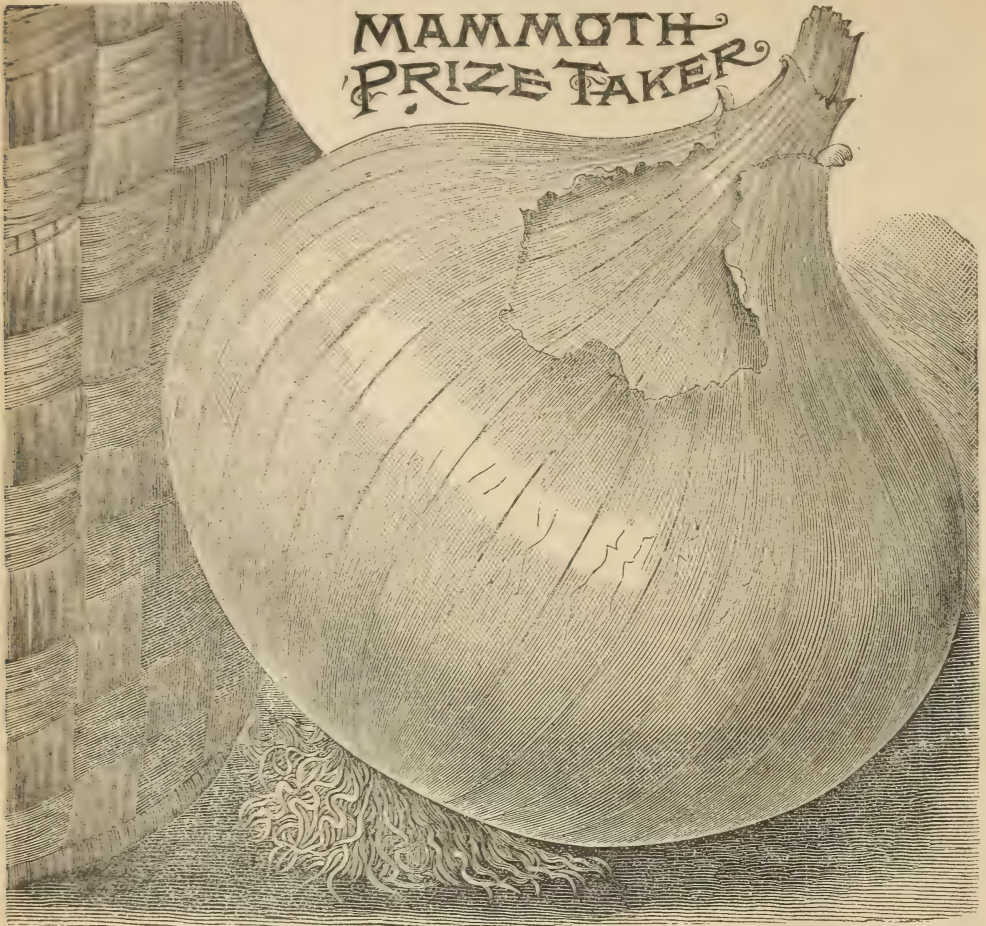
Large White Globe Onion. Extra selected. A large globe-shaped Onion, similar to Yellow Globe, firm, fine-grained, of mild flavor; keeps well. This is one of the handsomest onions grown, beautiful shape, clear white skin; it commands the highest price. Paper 5c; oz. 20c; ¼ lb. 75; lb. \$2.60.



YELLOW GLOBE DANVERS, EXTRA SELECTED.

AMERICAN TESTED VARIETIES—Continued.

MAMMOTH PRIZE TAKER



The Prizetaker. Genuine American Grown. The handsomest, largest Yellow Globe Onion. A new variety introduced but a few years ago, which has proved to be an excellent keeper, of fine flavor, handsome shape and enormous size, many single onions having been raised to weigh 5 lbs. and over, from seed the first year. It is of the same type as those immense imported onions which can be seen in fruit stores and always command a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard. Paper 5c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.25.

Southport Large Red Globe. This variety is very similar to the Southport Yellow Globe in shape and size, but ripens somewhat later, maturing a few days later than the Red Wethersfield. It is a splendid keeper and in quality is superior to most other red varieties. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.60.



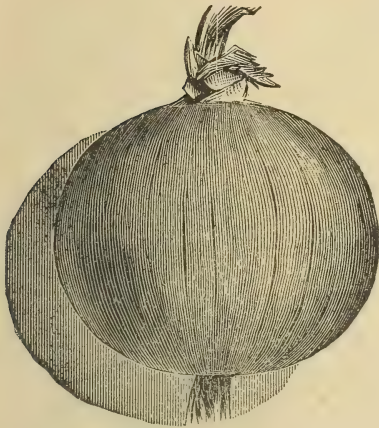
SOUTHPORT LARGE RED GLOBE.

AMERICAN TESTED VARIETIES—Continued.

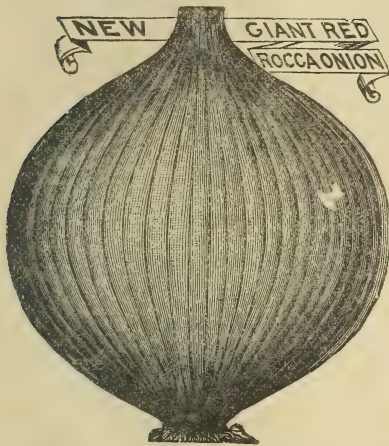
Southport Large Yellow Globe. Very large, fine color, and keeps well. Pkt. 5c; oz. 20c $\frac{1}{4}$ lb. 50c; lb. \$1 75.

Southport Large White Globe. Large strain of globe shape, white skin, a good keeper commands the highest market price. Paper 5c; oz. 25c; $\frac{1}{4}$ lb. 80c; lb. \$2.75.

Southport Red, Yellow and White Globe are a trio of the grandest Onions.



WHITE PORTUGAL ONION.



White Portugal. Very desirable for family use, a good keeper, flavor mild and pleasant, skin silvery white; of handsome appearance; highly esteemed for pickling when young, also for market in early winter. This is the variety of which White Onion Sets are grown. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; lb. \$2.75.

Early Round White Silverskin, or Early Paris Silver White. This is uniformly small, round and handsome, with an opaque white skin, which does not turn green upon exposure to the sun. They are compact and hard, but at the same time crisp and brittle, making them one of the best pickling onions ever introduced. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.25.

STANDARD VARIETIES OF ITALIAN AND BERMUDA ONIONS.

The following varieties have been tested in this country, and have given perfect satisfaction. While we would not recommend the risking of a large crop of Onions by sowing imported seed, we believe the following varieties will be found very desirable for early market and home garden use:

New Giant Rocca. Light red. These onions are of large size, handsome appearance, and mild, delicate flavor, of beautiful round form, as illustrated, the outer skin bright red, while the flesh is white, mild and pleasant. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; lb. \$1.60.

Giant Yellow Rocca, or Spanish King. A very handsome variety of globular form with flattened top, small neck and bright yellow skin. They grow to measure five inches in diameter by a thickness of three inches. They are very productive and of good keeping qualities. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

White Queen. Remarkable for its extreme earliness and very mild flavor; it is small and white skinned; much liked for pickling. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

The 1894 crop of Onion Seed was a short one, East and West, especially the Red Wethersfield. The low prices will probably advance. We advise all to send in their orders early.

Market Gardeners and Onion Growers who use large quantities Onion Seed, will please write for Special Prices, We will sell as low as first-class Onion Seed can be sold by any reliable seed house in this country.

Write for Special Prices on 5 lbs. or over, naming the varieties you want. We offer special inducements to those wanting a Seed Drill or Cultivator, with seed enough to sow an acre. We are headquarters for Onion Sets, and will sell you first-class Sets at the very lowest price.

WHITE, YELLOW AND RED ONION SETS.

CULTURE.—They should be planted out as early in Spring as the ground is dry enough to work. Plant them in rows one foot apart, with sets three to four inches apart. When raised from sets the Onions can be used in the green state by June, or they will be ripened off by July. Sets are produced by sowing the seed as early as the ground can be worked in Spring, very thickly, in beds or drills, at the rate of 50 lbs. per acre; about middle of July, or when top-die down, the small bulbs or sets are gathered and kept spread thinly in a cold dry cellar or left until the following Spring. *The Potato and Top Onions are grown only from bulbs.*

One quart of Sets to 30 feet of drill ; 8 to 12 bushels, depending on size, to set an acre in drills. *Express or freight charges to be paid by the purchaser.* On account of the early publication of this Catalogue, we cannot guarantee prices given, but to avoid unnecessary delay and writing, we will fill orders sent, and will give as many as the money sent will pay for. If Onion Sets are wanted to be sent by mail, 10 cents per quart or pound must be added to prepay postage.

Prices subject to change according to the market fluctuations. Lowest market prices, on small or large quantities, will be given on application at any time. Prices given now are made nominal; they may be lower or higher.

	Quart.	Peck.	Bush.
Yellow Onion Seed Sets.....	10	75	\$2 50
White Onion Seed Sets.....	15	1 00	3 50
Red Onion Seed Sets.....	10	65	2 25
Yellow Top or Button Sets.....	20	1 00	4 00
Potato Onions.....	15	1 00	4 00
Shallots or Yellow Multipliers.....	15	75	2 75
White Multiplier.....	20	1 00	4 50
Egyptian or Perennial Tree Onion Sets, for producing green Onions ; no large bulbs.....	10	50	1 50

PARSLEY.

Extra Double Curled. A curled variety for garnishing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Champion Moss Curled. Leaves crimped and curled like a bed

of moss, giving a most beautiful decorative appearance. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Plain or Single. Dark green with plain leaves; very hardy. Pkt. 5c; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 65c.

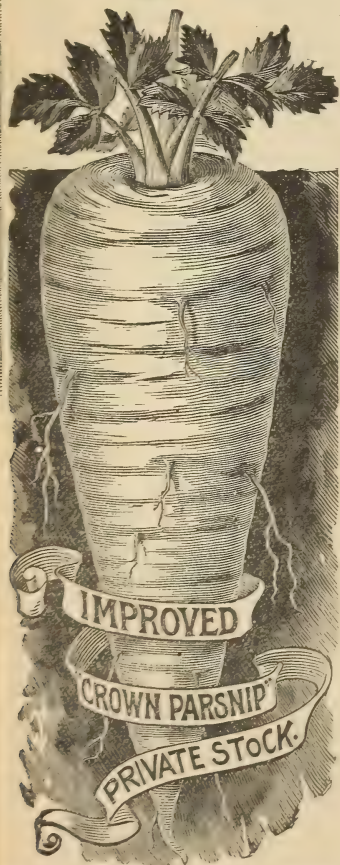
Hamburg or Turnip-Rooted. A very popular variety in Europe. Fine, fleshy vegetable roots, which are used in soups, etc. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

PARSNIPS.

Sow as early in Spring as weather will admit. Cultivate similar to carrots.

Long Smooth White. No side roots; tender and excellently flavored. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Large Improved Sugar or Hollow Crown. The best variety in cultivation; roots long, white, smooth, tender, sugary, excellent flavor. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

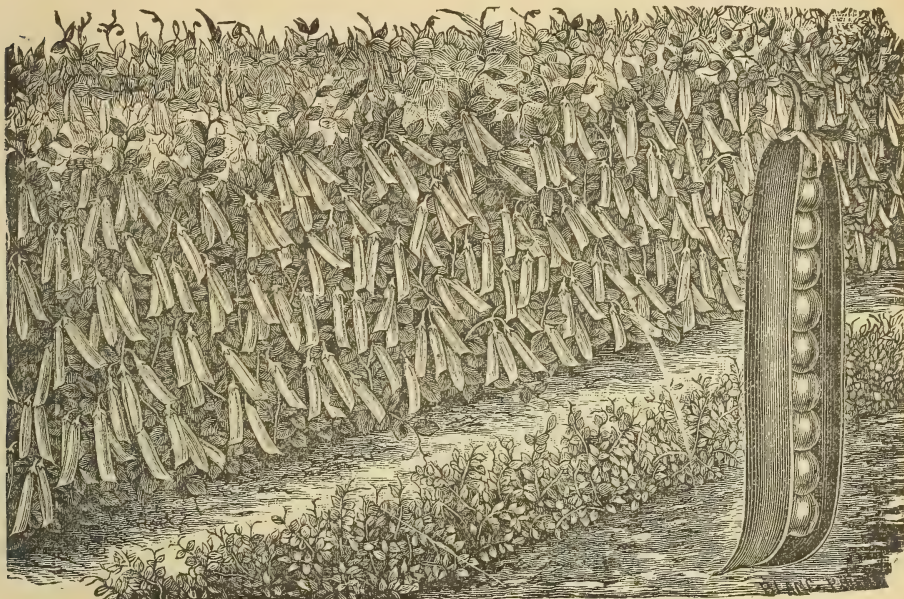


MOSS CURLED PARSLEY.

PEAS.

PHILIPPS' EXTRA EARLY SUMMIT PEA.

The Earliest, Evenest Cropper, the Hardest, Finest Flavored and Most Productive.



CONFIDENCE WELL PLACED.

Philipps' Extra Early Summit Pea. Most profitable Pea for Market Gardeners to grow. This Extra Early Summit Pea is a careful selection of our own and will be found *entirely distinct and superior* to any other. In the neck-and-neck race for the production of first-class Peas (each seedman naturally endeavoring to have the earliest), we claim that "The Summit," we five years since introduced and for us specially grown, is the *earliest, best and most productive* white round pea grown, *none as early*, maturing all the pods in about forty-five days; height about two feet, and 90 per cent. of the gathering in one picking. Also for a late Fall crop it is unsurpassed, growing with great rapidity. The very best for market garden use, and we confidently recommend it to be grown in every garden for the *earliest crop*. $\frac{1}{4}$ pint 10c; pint 15c; quart 25c; peck \$1.25; bushel \$4.50.

Maud S. Another extra early variety, claimed by many seedmen as one of the earliest Peas in the world. One of the most productive. The above strong claims for the Maud S. are fully sustained by the numerous letters of praise we receive from our customers who have planted it for the last four years and found it to be one of the earliest Peas grown. It is of vigorous habit of growth, vines about 30 inches high, and wonderfully productive, the pods being numerous and well filled. Its uniformity of ripening makes it the most profitable Pea for the Market Gardener. Our stock has as before been grown by the originator in northern Canada, hand picked, and we recommend it to our most critical growers for market and home garden. Pkt. 5c; pint 15c; quart 25c; peck \$1.25; bushel \$4.00.

NEW VARIETIES OF EXTRA EARLY PEAS.

The A A, Allan's Extra Early Sunol Peas. This is claimed to be the earliest of all the early varieties of Peas now known. Same as the celebrated "Sunol" horse, fastest time on record. $\frac{1}{4}$ pint 10c; pint 15c; qt. 25c; peck \$1.25; bushel \$4.50.

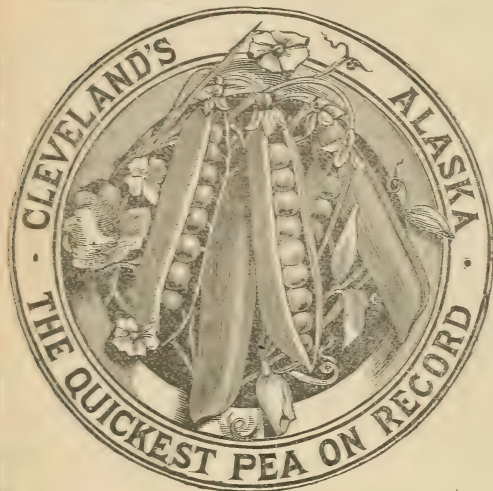
Allan's Extra Early Dexter Peas. Pkt. 5c; $\frac{1}{4}$ pint 10c; pint 15c; quart 25c; peck \$1.25; bushel \$4.50.

Both of these new varieties have recently been introduced by Mr. Allan, Canada, the

NEW VARIETIES OF EXTRA EARLY PEAS—Continued.

great Pea grower, and we offered last season for the first time, with the most flattering result and do not hesitate to recommend them confidently as the most valuable acquisition, and appropriately named as to earliness, yield and regularity of growth; very valuable for the market and private garden; height 20 inches and don't need any brushing.

Rural New Yorker. This well known standard variety of extra early Pea is still the favorite of many for market and private garden. Seed white, slightly dented; of vigorous habit. Pods of fine shape, contain from six to nine peas of fine quality; prolific, extra early, uniform in growth and ripening; height 24 inches. Pkt. 5c; pint 15c; quart 25c; peck \$1.25; bushel \$4.50



Landreth's Early Evergreen Pod. Almost as early as Landreth's Extra Early, Vine 10 inches long, very productive, in pods of dark green color, which color is retained for a long period, stamping it as a grand shipper. No better pea is offered in this catalogue. Try it. Pkt.



CARTER'S EXTRA EARLY PREMIUM GEM.

5c; $\frac{1}{2}$ pt. 10c; pint 20c; qt. 30c; peck \$1.50.

Blue Peter. Tom Thumb variety; seed blue; height 12 inches; similar to Tom Thumb, except in color; pods large and well filled with delicious and large size peas. Pkt. 5c; $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

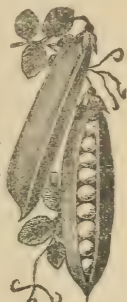
Bliss' American Wonder. The earliest of the wrinkled peas, and best for family use; very dwarf, 9 inches high and remarkably productive, well filled pods; flavor unsurpassed. We heartily recommend this valuable pea. Pkt. 10c; pt. 20c; qt. 35c; peck \$1.75.

Carter's Extra Early Premium Gem. Pods long and of a dark green color. A type of and improvement on the Little Gem; very early and productive; height, 15 inches. Highly recommended. Try it. $\frac{1}{2}$ pt. 10c; pt 15c; qt. 30c; peck \$1.50.

McLean's Little Gem. Seed green, wrinkled; height 15 inches; second early; very prolific and excellent flavor; especially recommended for family garden. Pkt. 5c; pt. 15c; qt. 30c; peck \$1.50.

McLean's Advancer. A fine market variety, prolific; early, tender and of delicious flavor long pods, well filled to end; height two and one-half feet. $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

Extra Early Alaska. This beautiful blue market pea has become a standard variety and the earliest of all blue peas. The vines are dwarf, growing only about twenty inches high; very uniform, maturing the crop for one picking; of excellent quality, fine flavor, sweet, and retains its desirable color after cooking; excellent for canning and for the market or private garden. Pkt. 10c; pt. 15c; qt. 25c; peck \$1.25; bus. \$4.50.



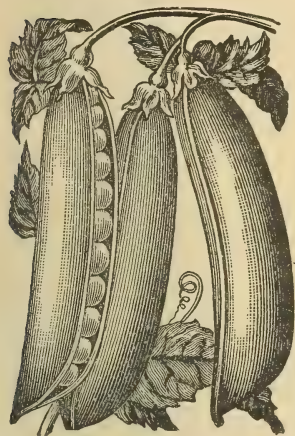
Landreth's Extra Early Pea.

(None genuine unless in red-sealed bags or in our packages.) Pkt. 5c; $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

LANDRETH'S
EXTRA
EARLY PEAS.

Bliss' Early Abundance. A green wrinkled variety, maturing in fifty-five days after sprouting; eighteen inches high, foliage strong and dark; pods borne at extremity of vine. A very distinct sort. Don't fail to give them a trial. $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

Nett's Excelsior. This new pea strongly resembles Premium Gem in appearance and quality. The vine, however grows stronger and taller; height eighteen inches. Pkt. 10c; pt. 20c; qt. 35c; peck \$1.75.



BLISS' EARLY ABUNDANCE.

Yorkshire Hero. A large well-known wrinkled pea; of branching habit, an abundant cropper and excellent quality: height two and a-half feet. $\frac{1}{2}$ pint 10c; pt. 15c; qt. 25c; peck \$1.25.

Bliss' Ever-Bearing. The great value of this variety is found in its long continued bearing; pods 3 to 4 inches long, well filled. Peas very large, half an



BLISS' EVER-BEARING.

an inch or over in diameter; unsurpassed in sweetness and flavor; 2 feet high. Try it $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

Champion of England. A variety possessing merit of high order, wrinkled and very sugary; requires sticking; ripens for table in seventy days from germination. $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

Forty Fold. An improved variety of the Champion of England, earlier and not so tall. $\frac{1}{2}$ pt. 10c; pt. 15c; qt. 25c; peck \$1.25.

Pride of the Market. Is a strong growing Pea, two feet high, wonderfully productive; the pods are also of large size and handsome appearance, and the peas are of splendid quality. Similar to Stratagem and Telephone. Pkt. 5c; $\frac{1}{2}$ pt. 10c; pt. 20c; qt. 35c; peck \$1.75.

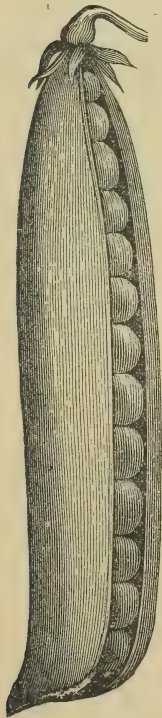
The Stanley. This new Pea is of recent introduction from England; it has been awarded a first-class certificate by the Royal Horticultural Society of England. We recommend this variety highly and to give it a trial. Our stock is very limited, and not to be had by the peck or bushel. Pkt. 10c; $\frac{1}{2}$ pint 15c; pint 25c; quart 40c.

Shropshire Hero. A prime new Pea pronounced by all market gardeners who have tested it, the most valuable acquisition in new peas made in recent years. It is a second early large wrinkled pea, a robust grower like Stratagem, 2 to 3 feet in height, producing its large pods in abundance. The pods are larger and better filled than such fine sorts as Telephone and others of its class, averages seven, and often contains eight and ten fine large peas of exquisite flavor. Pkt. 10c; $\frac{1}{2}$ pt. 15c; pt. 25c; qt. 40c; peck \$2.00.

EDIBLE PODDED OR MELTING SUGAR SORTS.

Dwarf Sugar. Edible pods. About 2 feet in height, very sweet and tender. Only to be eaten with pods. Peck \$1.50; qt. 25c; pt. 15c; $\frac{1}{2}$ pt. 10c; pkt. 5c.

Dwarf Grey Sugar. Edible pods. Grows about 2 feet high, and is remarkable for its earliness as well as its character. The seeds are large; shriveled and of a dark brown color. The pods are broad, flat and crooked, and contain five or six peas. Peck \$1.50; qt. 25c; pt. 15c; $\frac{1}{2}$ pt. 10c; pkt. 5c.



PRIDE OF THE MARKET.

Stratagem. (Wrinkled). One of the finest second early peas grown. The strong, sturdy vine is literally covered with immense pods. Many of the pods measure nearly $5\frac{1}{2}$ inches in length, and contain as high as ten large, fine flavored, wrinkled peas of excellent quality, very sweet; two feet high. $\frac{1}{4}$ pt. 10c; pt. 20c; qt. 35c; peck \$1.75.

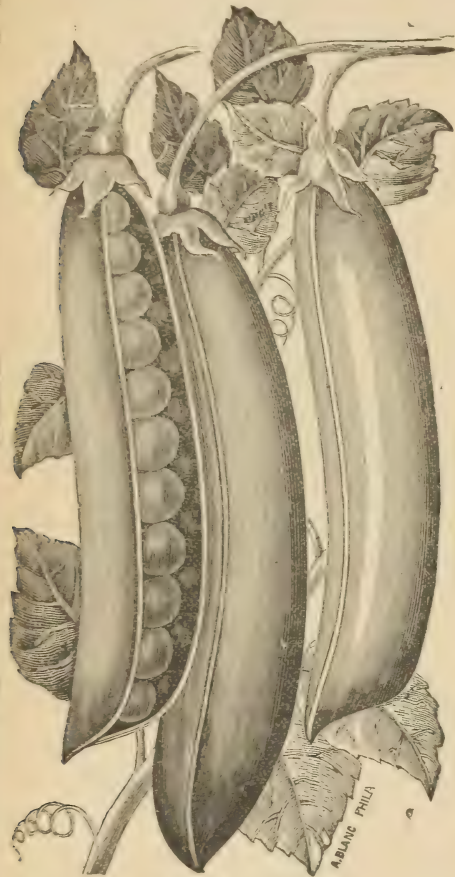
Telephone, or L. I. Mammoth. Height, three feet; a tall, wrinkled marrow, enormously productive, and of the best quality; is a strong grower, averaging 18 pods to the stalk; the pods are of the largest size and contain from 9 to 10 large peas; elegant shape, slightly curved; a little earlier than Champion of England most desirable variety for those who wish a large, showy pea of good quality. This Pea is a universal favorite with market gardeners, being an excellent crop. We particularly recommend this variety for market use as well as private garden. $\frac{1}{4}$ pt. 10c; pt. 15c; qt. 30c; peck \$1.50.

Royal Dwarf White Marrowfat. A sturdy variety, prolific and of good quality; vines 30 inches high; foliage strong and dark; maturing about 70 days after germination. $\frac{1}{4}$ pt. 5c; pt. 10c; qt. 15c; peck 65c.

Black-Eyed Marrowfat.

This is extensively grown

TELEPHONE.



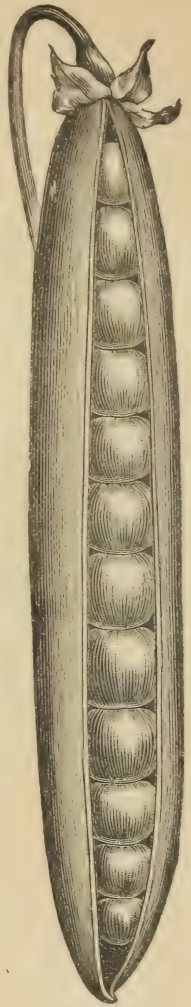
STRATAGEM.

as a garden and field Pea; very productive; height about 3 feet, with large and well-filled pods; a popular market variety. Pkt 5c; pt. 10c; qt. 15c; peck 60c.

White Marrowfat. Tall. A favorite variety for market, canning and field cultivation; very large broad pods, well filled; height, four feet. Pk. 5c; pt. 10c; qt. 15c; peck 60c.

The wrinkled Peas should be sown thicker than the round Peas, and not till the ground has become warm, as they are more liable to rot. They are the finest flavored of all Peas.

Garden Peas in bushel and more lots at Special Prices.



The season of 1894 was not favorable for the growing of Peas, and the crop in the northern part of the State of New York and also Canada, was only fairly good. Our stock, however, is the largest and finest we ever had. As we have been several times severely disappointed by unprincipled seedmen in getting the PURE and genuine qualities, we took the precaution of making our arrangements with the oldest (best) and principal growers in the State of New York and Canada, for the growing of our stock of SEED PEAS for this coming season. We had the privilege of seeing the crop growing before harvesting, and we are confident that they are Pure and true to name, and can recommend them to our customers as such.

FIELD PEAS.

Prices subject to market.

White and blue varieties. They are used mostly for field culture. In their dry state they are used extensively for feeding pigeons, making soups, also table use; in their green state, for turning in hogs.

Our stock is Canada and northern grown, and free from bugs. Two and a half bushels are sufficient to sow per acre. Bushel \$1.30; peck 40c; qt. 10c; pt. 5c. **SPECIAL PRICE ON FIVE BUSHELS OR OVER.** Lower grades at lower prices. *Write for special prices.*

Southern Black-Eye (ow Peas (Whip-poor-will.) The best for soiling. Nothing better for stock of all kinds, green or dry state. Qt. 15c. bush. \$2.00.

We sell car-loads every season, and are headquarters for Field Peas.

PEPPERS.



GOLDEN BELL



LARGE SWEET SPANISH.



RUBY KING..



CAYENNE (LONG.)

CULTURE. - Sow each kind in drills on a warm border, late in Spring or commencement of Summer, and thin them to stand sixteen or eighteen inches apart; or they may be sown early in the season in a hotbed or flower-pot, and transplanted.

	Pkt.	½ Oz.	Oz.	4 Oz.
Golden Bell or Golden Dawn. Similar to Sweet Spanish, except the color, which is golden. A new introduction, very early, mild flavor,	5	15	30	75
Large Sweet Spanish. (Bell-shaped.) The large variety generally used for cooking and pickles; bright coral red, 4 to 5 inches long.....	5	15	25	80
Ruby King. A large variation of Large Sweet Spanish; very showy...	5	15	25	8
Red Cherry. Ornamental pickles; small; very hot.....	5	15	25	80
Large Bell or Bull Nose. Earlier than other large sized Peppers, thick meated, very mild flavor, excellent for stuffed pickles or Mangoes...	5	15	25	75
Sweet Mountain or Mammoth. Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "Mangoes;" 6 to 7 inches....	5	15	25	80
Long Red Cayenne. Fruit long, slim and bright red in color.....	5	15	25	80
Very Small Cayenne. Bright red color; very hot.....	5	20	30	1 00
Small Chili Red. Fruit red, small, ovoid, very hot.....	5	20	30	1 00

PUMPKIN.

CULTURE.—May be planted after first of May among the Indian Corn, or in the field or garden, in hills of eight or ten feet apart each way, four seeds in a hill.

	Pkt.	Oz.	Lb.
Large Cheese. Excellent for cooking purposes, orange colored, flesh yellow, and sweet; very productive and excellent for pies, also stock.....	5	10	65
Large Tours or Mammoth. Grows to an immense size, often weighing over 200 pounds, very productive for cattle and table, flesh bright yellow.....	5	10	65
Cushaw. Resembling the White Crookneck Squash, flesh salmon yellow.....	5	10	75
Connecticut Field. The common large yellow field Pumpkin; good for stock. (Short crop.) Pint 10c; qt. 15c. bush. \$3 50.			
Sugar. This great pie Pumpkin is used exclusively in making the celebrated Yankee Pumpkin pies. Of fine sugary flavor, fine grained. Paper 5c; oz. 10c; ¼ lb. 25c; lb. 75c.			
Tennessee Sweet Potato. For making pies and cooking purposes, is of medium size, cream color, excellent flavor, good keeper. Paper 5c; oz. 10c; ¼ lb. 20c; lb. 75c.			

RADISH.

One ounce sows 100 feet of drill, 8 to 10 pounds for an acre.

All the varieties thrive best in light sandy loam. For early use, sow in hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September, for a succession. They must grow rapidly to be crisp, mild and tender.

All seed saved from selected and transplanted roots.

EXTRA EARLY AND FORCING VARIETIES



EARLY SCARLET TURNIP, WHITE-TIPPED RADISH.

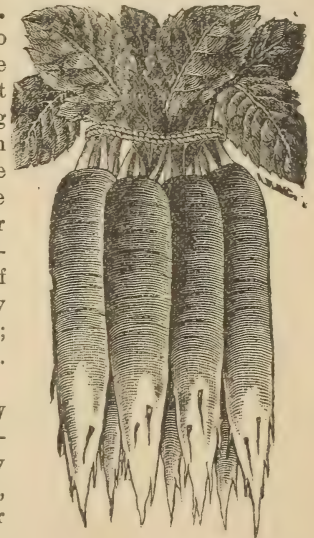
	Pkt.	Oz.	4 Oz.	Lb.
Earliest White Turnip. A remarkably early sort for forcing, very few and small eaves, crisp and delicate bulbs (new)	5	10	20	75
Earliest Scarlet Erfurt Turnip. Quickest in maturity of any of the Red Turnip Radishes; crisp root and small top; an excellent forcing variety, as well as in private garden. Don't fail to try it	5	10	20	65
White-Tipped Early Scarlet Turnip. A fancy French variety; scarlet bulb with white bottom. Very showy and delicate. Choice variety,	5	10	25	75
French Breakfast. (White Tip). An olive-shaped variety, the upper part of the bulb scarlet, the bottom tipped with white. Very early and good for forcing, and should be in every private garden	5	10	20	60
Wood's Early Frame. Shorter and thicker than the Long Scarlet Short Top; best long Radish for forcing; also good for out-door crop, either Spring or Fall; mild, brittle, of fine flavor.....	5	10	20	60



MARKET GARDENERS' EARLY LONG SCARLET.

White Lady Finger.

Twenty-three days to maturity. Large white crisp variety, about half as long as Long Scarlet, and similar in shape. Very desirable sort, decidedly the best of its kind ever introduced. An admirable market sort of nutty flavor. A novelty of merit. Paper 5c; oz. 10c; 4 oz. 25c; lb. \$1.00.



BECKERT'S IMPROVED CHARTIER.

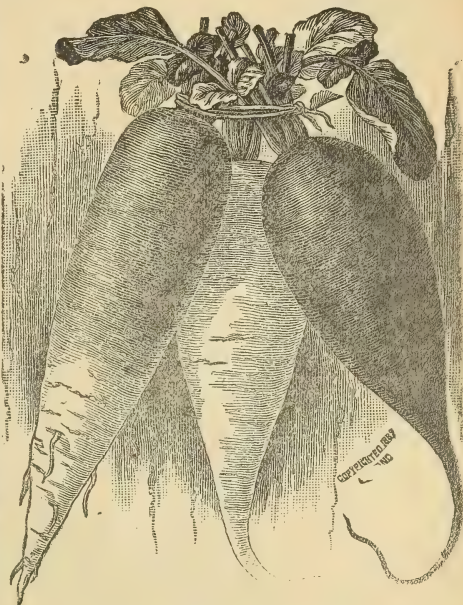
Market Gardeners' Early Long Scarlet. An admirable long variety for forcing and garden, fully ten days earlier than the common Long Scarlet, and very

superior to it for that reason. This has met with high praise.....	5	10	20	65
Beckert's Improved Chartier. Finest variety extant; fully as early as the Long Scarlet Short Top, but better in quality; will stand far longer and in all respects superior.....	5	10	20	65
Early Long White Vienna. An early long white variety of good quality.....	5	10	25	75

Early Deep Scarlet Globe. The most desirable for early forcing in hot-beds and for sowing in open ground; crisp and tender, highly recommended to market gardeners, also private garden..... 5 10 25 75



EARLY DEEP SCARLET GLOBE RADISH.



THE CHARTIER, WHITE STRASBURG, AND HALF-LONG SCARLET.

Chartier Long White Red-Crowned. Larger, thicker round than the Beckert's Chartier Radish; very desirable, early and showy, with the valuable quality of remaining long in edible condition; none better for market or private garden..... 5 10 20 65

Half Long Deep Scarlet. Flesh bright and crisp; matures in 20 days; the finest and handsomest of all the extra early radishes..... 5 10 20 65

White Strasburg. The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable character of retaining its crispness even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly... 5 10 20 65

Giant White Stuttgart. A favorite German Radish; grows quick, of large size, flesh and skin white, fine quality, firm and brittle; never pithy; can be stored for winter..... 5 10 20 65

Chartier Long White or Long White Naples. Mild flavored, one of the very best for market and private garden. Don't fail to try it..... 5 10 25 75

Gray Summer Turnip. Good solid Summer sort..... 5 10 20 60

Golden Globe. (Fine for Summer). Expressly grown for us. The best Summer Radish. Shape globular; color amber; flavor mild; keeping long in eating condition, withstanding heat well..... 5 10 20 65

Philadelphia White Box. White, short-leaved and Turnip formed. Early to develop; named "Box" by reason of its adaptability for growing in boxes, hot or cold frames; highly recommended..... 5 10 20 65

Long White Spanish. Fall or Winter. Valuable for Winter use; of remarkably fine keeping quality. Should be better known..... 5 10 20 65

Round Black Spanish. Third early. A Winter Radish, cultivated in



BLACK SPANISH.

Autumn, and keeping like a potato in good condition for months after harvesting. Though the outside skin is black, the flesh is white, snow, very crisp and of good flavor. Paper 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Long Black Spanish. Fall or Winter. Differing from the White Spanish only in color. Paper 5c; oz. 10c; 4 oz. 20c; lb. 65c.

Chinese Scarlet Winter. A fine Winter sort smaller than the Spanish; root a half long stump of from two to three inches; scarlet and pink in color, tipped with white; quite saleable in market during Fall and Winter. Keeps perfectly. Paper 5c; oz. 10 ; 4 oz. 25c; lb. 85c.



CHINESE SCARLET WINTER.

Russian Long White Winter. A Winter Radish,

sometimes reaching a weight of three pounds, and keeping long in edible condition. Paper 5c; oz. 10c; 4 oz. 25c; lb. 85c.

France is the country which grows the best Radish Seed, and on account of the extreme drought there and in fact on the whole continent, the last two seasons, their crop was a very short one, and they are not able to fill all of their orders, and these at higher prices, therefore the advance over former prices for pure French Radish Seed.

RHUBARB—(PIE-PLANT.)

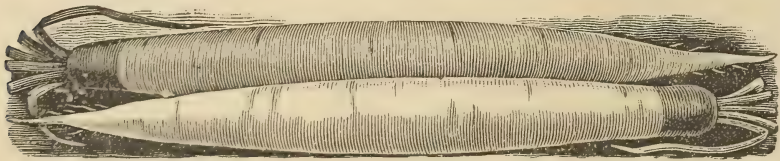
One ounce will produce about 1,000 plants.

Mammoth Victoria. An excellent cooking variety. Paper 5c; oz. 15c; ¼ lb. 40c; lb. \$.25.

RHUBARB ROOTS.—Each, 20c; doz. \$1.50; 100, \$6.00. By mail, postpaid, 30c. each, or \$2.50 per dozen.

Special prices as to sizes and quantities on application.

SALSIFY—(VEGETABLE OYSTER.)



SANDWICH ISLAND MAMMOTH SALSIFY.

CULTURE.—Sow early in Spring in drills fifteen inches apart and one to two inches deep; thin to six inches apart. Soil should be very deep and mellow, in order that the long root may grow straight down. Store same as carrots for Winter use, or they can be left in the ground until Spring. One ounce of seed will sow about fifty feet of drill.

	Pkt.	Oz	4 Oz.	Lb.
Vegetable Oyster. The long, white, old standard variety	5	10	30	\$1 00
Mammoth Sandwich Island. This variety is of enormous size, twice the size of the ordinary French; pure white, very tender and delicious. Invaluable for the market gardener and private garden.....	5	10	35	1 25

SCORZONERA (OR BLACK SALSIFY)

Black Oyster Plant. Treatment same as for Salsify, which it closely resembles. Root black before cooking	5	15	50	1 50
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SPINACH.

Ten to twelve pounds are required for an acre. Special price in 5 and 10 pound lots.

CULTURE.—For Spring use sow early in drills one foot apart, and every two weeks for succession; as it grows, thin out for use, keeping it clear of weeds. For fall use sow in August; for Winter use, in September, in well manured ground; mulch with straw on the approach of severe cold weather.



EXTRA LARGE ROUND THICK-LEAVED SPINACH.



AMERICAN ROUND SEEDED SAVOY OR BLOOMSDALE SPINACH.

Extra Large Thick Round-Leaved. The Market Gardener's favorite for Spring or fall sowing. Very hardy..... 5 10 15 30

American Round-Seeded Savoy-Leaved. The best for an early Summer crop; leaves thick, large, crumpled and of excellent quality; very slow to run to seed. Our celebrated Philadelphia stock..... 5 10 15 30



NEW LONG STANDING SPINACH.

New Long Standing. Will stand an unusually long time before running to seed; in other respects it resembles the round-leaved closely..... 5 10 15 30

Prickly-Seeded. Stands the Winter better than any other kind; leaves long..... 5 10 15 40

Bloomsdale Extra Curled. An improvement on the "Curled Savoy-Leaved"..... 5 10 15 30

Landreth's Bloomsdale Savoy-Leaved, in 5 and 10 lb. sacks only, at 35c. per lb:

SQUASH—SELECTED SEED.

CULTURE—Plant after all danger of frost is past, and get in the Winter kinds as soon as possible, in order that they may mature. Plant in hills five feet apart for the bush varieties, and six or eight feet for the running varieties, putting six or eight seeds in the hill, finally leaving but three. One ounce of the bush varieties for forty hills, or of large-seeded running kinds, 15 hills; two to four pounds for an acre.

White Bush Scalloped or Pattypan. Of a light cream color, very productive and the earliest to mature; grows to good size..... 5 10 20 60

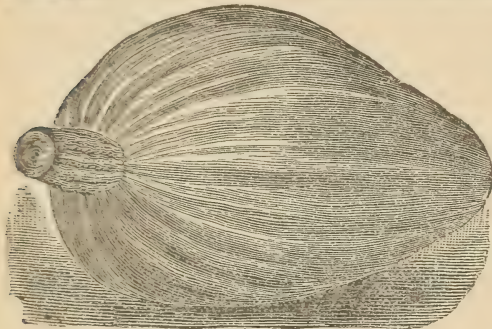
Yellow Bush. Deep orange yellow in color; in other respects it does not differ from the aforementioned; unsurpassed in quality..... 5 10 20 60

Extra Large Golden Bush. This is the Cleveland market gardeners' Yellow Bush Squash. It grows much larger, finer grained, and is a favorite market sort, the largest of the Bush Squash..... 5 10 25 80

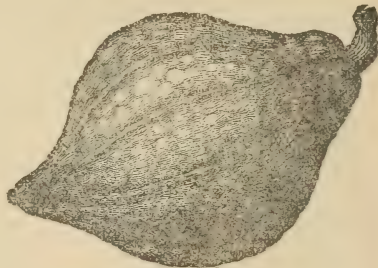
	Pkt.	Oz.	4 Oz.	Lb.
Golden Summer Crookneck. One of the best, very early and productive; small crookneck, thickly covered with warts; hard shell when ripe. Plant in hills four feet apart each way	5	10	20	60

FALL AND WINTER SORTS.

White Turban. Ready for use in midsummer, and a desirable sort for Winter; a keeper; flesh white, good flavor	5	10	20	65
Pineapple. Peculiar shape; white skin and flesh; fine late sort	5	10	25	75

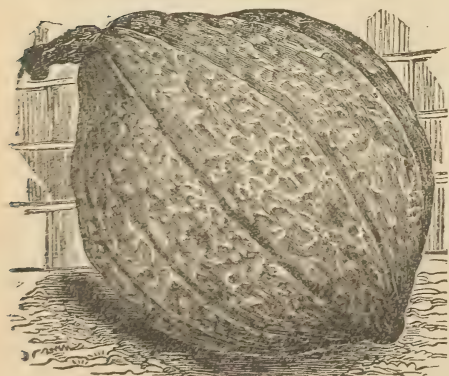


PIKE'S PEAK OR SIBLEY SQUASH.

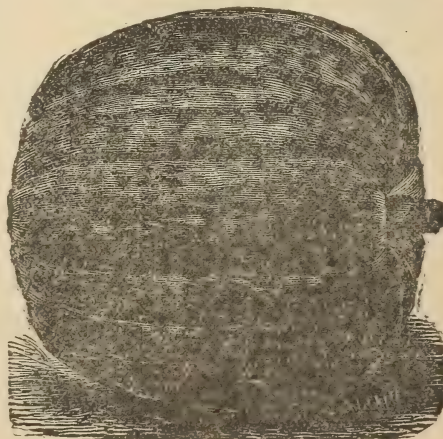


HUBBARD SQUASH.

Pike's Peak or Sibley. An improvement on the Hubbard. The shell is smooth, thin and of a pale green color; flesh thick, solid, deep orange in color, very dry, of fine grain and delicate flavor. The squashes weigh from 9 to 11 pounds, and are excellent keepers	5	10	20	65
True Hubbard. Generally considered the leading Squash for Fall and Winter use; good in any climate, hard skinned; splendid keeper, flesh dark yellow, fine grained, very dry and rich; very prolific	5	10	20	65
Marblehead. Resembles Hubbard, but has gray skin; good keeper; flesh golden yellow, of delicious flavor	5	10	20	65
Livingston's Improved Cushaw. The genuine Cushaw of ye olden times, and a great favorite, flesh rich, yellow, solid, fine grained, sweet, excellent for baking and pies	5	10	30	1 00



BOSTON MARROW SQUASH.



MAMMOTH CHILI SQUASH.

Boston Marrow. A popular fall and Winter variety. Thin bright orange skin; the flesh is rich salmon yellow, fine-grained, sweet and dry; very prolific; splendid pie and table squash; finds ready sale	6	10	20	60
Mammoth Chili. True stock ("Jumbo"). Largest of all squashes.				

The outer color is a rich orange yellow, skin smooth; flesh is very thick, bright yellow, keeps well throughout the entire Winter and Spring; it is very productive, of fine shape and fair quality, and profitable for feeding stock..... 5

Pkt.	Oz.	4 Oz.	Lb.
5	15	40	\$1 30

Fordhook. A most excellent new Squash, of handsome appearance, yellow outside and straw-yellow within. The flesh is as dry as Pike's Peak and of the most delicious flavor. It ripens early and is one of the best keepers we know of; it can be kept all through the Winter until June. It is very prolific and bug and borer proof. We can highly recommend it to our customers..... 5

5	10	30	1 00
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SUGAR CANE,

Early Amber. This comparatively new variety is now being successfully grown even in the extreme northern latitudes. It may be planted as late as the 15 h of June, and will be ripe enough to manufacture in September. It is the earliest variety with which we are acquainted. The beautiful amber-colored syrup it produces is thought to be superior in flavor to any other, and for sugar is unsurpassed. It is useless to plant Cane Seed before the weather is warm in Spring. Three or four pounds are required per acre. Our stock is choice. Price, 10c. per lb; 10 lbs. 75c; 50 to 100 lbs., 5c. per lb.

Early Orange. Another favorite sort. Price, 10c. per lb; 10 lbs. 75c; 50 to 100 lbs. 5c. per lb.

SORGHUM OR SUGAR CANE FOR STOCK FODDER.

Sow different times, up to July 15, at the rate of 20 lbs. per acre. Dairymen and in fact every farmer should grow it for horses, cattle, hogs, as they eagerly eat and relish it, and nothing pays better. Dairymen especially should grow this Sugar Cane seed, as it gives them the best green fodder just in time when pasture is dried up, and will produce more and better milk than any other forage plant



AMBER SUGAR CANE.

even Clover. 5c. per lb; \$2.00 per bushel.

NON-SACCHARINE SORGHUMS.

These varieties bear dry weather well. They grown on any land where corn will, even on land too poor for corn. It takes from five to six pounds to plant one acre.

Kaffir Corn or Sorghum. Kaffir Corn is now successfully cultivated for both forage and grain in all sections of the United States. It is the best general purpose plant of all the varieties of Sorghum yet offered, unless it be the new Jerusalem Corn, and will make a paying crop on land that will not yield five bushels of corn or wheat. It is early as Amber Cane. It will make a fine crop of forage if cut in early bloom, and the shoots that then follow will make a second crop to feed green or dry for winter. Per lb. 10c; 10 lbs. 60c.

White Branching Dhoura. (White Millow Maize). Per lb. 10c; 10 lbs. 60c.

Yellow Branching Dhoura. (Yellow Millow Maize). Per lb. 10c; 10 lbs 60c.

The Jerusalem Corn. A new forage and grain plant introduced in this country a few years ago, and the U. S. Experiment Stations recommend it very highly. Pkt- 10c lb. 20c; postpaid. Per express or freight, 10 lbs. \$1.00; 20 lbs. \$1.50.

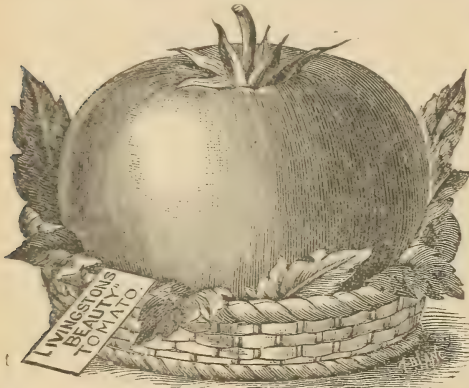
SUNFLOWER—MAMMOTH RUSSIAN.

CULTURE.—The Sunflower, during the past few years, has attracted considerable attention as a profitable field crop, its leaves being used for forage, and its seed as food for poultry and the manufacture of oil. It is also planted with satisfactory results on low, swampy grounds to avoid miasma.

Mammoth Russian. By mail, lb., 25c; ¼ lb. 10c; pkt. 5c. By express, bushel \$2.50; peck 75c.
Common. By mail, lb. 20c; ¼ lb. 10c; pkt. 5c. By express, bushel \$2.00; peck 60c.

TOMATO SEED FROM SELECTED FRUIT.

CULTURE.—For early use sow in February, in boxes or pots, and place near a window or in a hotbed. When about two inches high, prick them out singly in small pots, and nurse carefully in frames and when the danger of frost is past, plant them out in a sheltered situation, where they may have the full influence of the sun. To hasten the maturity of the first fruit which sets, pinch off the extremities of the tops and all the secondary shoots which afterwards appear above the flowers.



New Beauty. Well named. Fruit large and showy; color deep red with slight tone of purple; growing in clusters. Solid, meaty, smooth and free from rot or green core; a good sort for shipping on account of its solidity and toughness of skin. Certain to give satisfaction. Keeps well. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 65c; lb. \$2.25.

Livingston's Favorite. A large, smooth, perfect shaped Tomato, of a dark red color; does not rot or crack, ripens early, very prolific, good flavor, flesh solid, has few seeds, very early; good shipper. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 65c; lb. \$2.00.

New Peach. The most distinct Tomato ever introduced; the fruit resembles the peach in shape and color, which is deep rose and orange-amber; the flavor is remarkably fruity and delicious. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.

Mayflower. Large, solid; the very earliest variety; of a glossy bright red, with firm smooth skin, globular in shape, perfectly smooth; of fine flavor; ripens evenly. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.25.

Livingston's Perfection. It is one of the earliest, ripening evenly; a good keeper; color blood red, almost round in shape, perfectly smooth and solid, having few seeds; very productive; good shipper. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 20c; 4 oz. 60c; lb. \$2.00.



NEW DWARF CHAMPION.

favorite market variety; excellent for canning. Pkt. 5c; oz. 15c; $\frac{1}{2}$ lb. 50c; lb. \$1.75.

Golden Queen. Specially recommended for canning, for eating raw or slicing as a table fruit; somewhat resembles the Trophy in appearance. It will please you. Pkt. 5c; $\frac{1}{2}$ oz. 5c; oz. 25c; 4 oz. 75c; lb. \$2.50.

New Dwarf Champion. In form and color the fruit closely resembles the Acme; it is always smooth, symmetrical and attractive in appearance; the skin is tough and the flesh solid; ripens well close round to the stem and is not so much subject to crack as some other sorts. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.

Selected Early Acme. Ripens evenly, of medium, uniform size, round, very solid, and of a pink purplish color; very productive, bearing until killed by frost. Pkt. 5c; oz. 20c; $\frac{1}{2}$ lb. 60c; lb. \$2.00.

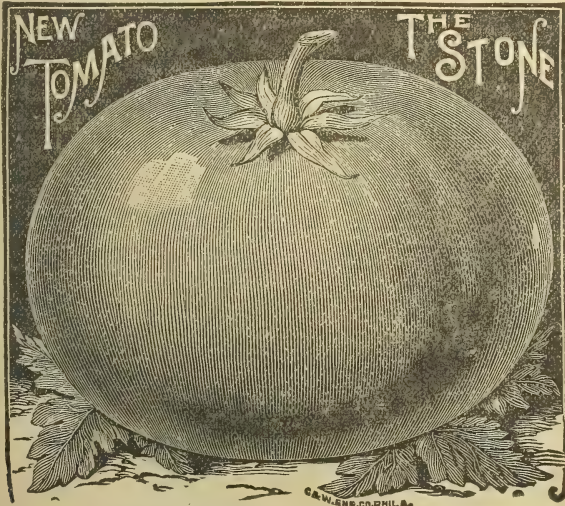
Yellow Plum. A small yellow variety, used for pickling. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.

Selected Early Paragon. Very solid, dark red color, heavy foliage, a

Livingston's Royal Red. Royal Red is a first-class main crop variety for the shipper, market and private gardener; of special value to the canner and catsup maker. Of late years quite a demand has sprung up for a Tomato without any purple tinge and of a deeper red than any variety now on the market, and the beautiful red color of both skin and flesh of Livingston's Royal Red is what is desired. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 65c; lb. \$2.25.

Livingston's New Buckeye State Tomato. Paper 5c; $\frac{1}{2}$ oz. 20c; oz. 35c; 4 oz. \$1.00.

Livingston's Gold Ball. Is a golden-yellow variety. The flesh is thick and of extra good quality; large enough to slice; smooth as an apple and of a handsome gold color; grows in clusters; produces enormous crops. No matter if you are prejudiced against a yellow sort, we feel sure this will please you. Try it. Paper 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 75c; lb. \$2.50.



The New Stone Tomato. This new Tomato has already been generally adopted by canners and market gardeners everywhere. Its solidity and carrying qualities are far in advance of any other sort now known, color is a rich red; shape perfectly smooth and thicker from stem to blossom end than most varieties, making it very desirable and saleable. It is very large in size and a very heavy cropper. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 25c; 4 oz. 65c; lb. \$2.25.

New Ten Ton Tomatoes. Profitable to the grower, to the shipper and to the canner. The T. T. T. stands for ten tons of the delicious fruit to the acre. Don't

fail to give it a trial. Pkt. 5c; $\frac{1}{2}$ oz. 15c; oz. 30c; 4 oz. 75c; lb. \$2.50.

LIST OF SELECTED TURNIPS AND RUTABAGAS.

Was a very short crop in this country, also in Europe, and prices may advance.

CULTURE:—For early Turnips sow as soon as ground opens in Spring, but the other kinds for winter use, may be sown from middle of July to end of August. Turnips are generally sown broadcast, but much larger crops are obtained (particularly of Rutabagas) by cultivating in drills 18 inches apart, and thinning to six inches in the drill. One and one-half pounds to the acre.



**EXTRA EARLY PURPLE
TOP MILAN.**



RED TOP STRAP-LEAF.



EARLY SNOW BALL.

Pkt. Oz. 4 Oz. Lb.

Extra Early Milan. A new early very white variety, with purple-top and strap-leaf. Mild and sweet; remains in good condition for a long time. Choice variety, and as such we recommend it. (Short crop.) 5 10 25 75

	Pkt.	Oz.	4 Oz.	Lb.
Early Snowball. Extra Early. This is a small white globe, very quick, the earliest in maturity of its form and character. We highly recommend it for table purposes. (Stock not large, and scarce).....	5	10	25	75
Extra Early White Egg. An egg-shaped variety, for Spring or fall sowing, flesh white, firm, fine-grained, mild and sweet.....	5	10	20	60



EARLY WHITE EGG.

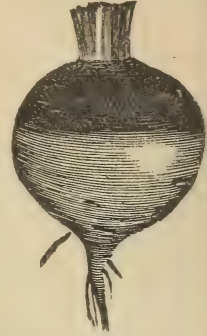
Extra Early Dutch. Rather flat; good white early sort. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Early Flat Red or Purple-Top. (Strap-leaved). The popular sort for general crop. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c.

Large Early Purple-Top Globe. Large size rapid growth, unusually attractive, and admired by all. A very much heavier producer than either of the preceding. We confidently recommend it as an acquisition. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Cow Horn. Early and good; shaped like a carrot. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Pomeranian White Globe. (Strap-leaved).



PURPLE-TOP GLOBE.

This is a free growing rough-leaved sort, useful for both table and stock, and may be commended for both purposes. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.



AMBER GLOBE.

Amber Globe. This we recommend highly, and is almost indispensable in every rural household for table use or stock. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Golden Ball. A small yellow Turnip of second size, early, and a good keeper; very good for market and table. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

Yellow Aberdeen or Scotch Yellow. This is highly approved as a market and cattle

Turnip, attaining a large size. It is solid, nutritious, a good keeper, and is in every respect splendid for table use. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.



SWEET GERMAN

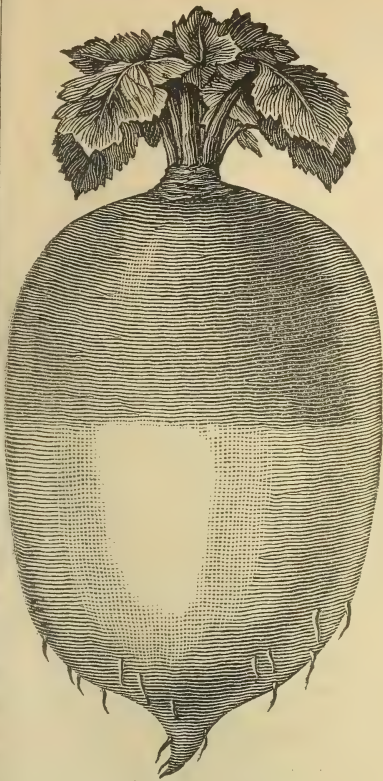
Improved American Purple-Top Yellow Rutabaga. The leading market variety, and largely grown for stock as well as family use; hardy, productive, solid, sweet. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 50c; 5 lbs. \$2.00.

Champion Swede or Yellow Ruta Baga. (Imported). A superior English grown Ruta Baga, the best to be had abroad. Pkt. 5c; oz. 10c; 4 oz. 15c; lb. 50c.

Sweet German. This variety partakes largely of the nature of the Ruta Baga, and should be sown a month earlier than the flat Turnips. The flesh is white, hard, firm and sweet; good for Winter and Spring use. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.

* Sweet Russian; Sweet Hanover; Sweet French; Sweet German; Chou Navet.

* Under all these names is to be recognized "one and the same variety of Turnip," cultivated exclusively for the table. Pkt. 5c; oz. 10c; 4 oz. 20c; lb. 60c.



THE MONARCH SWEDE.

Thr Monarch Swede. In foliage is not superabundant (as is European Swede); the shape is nearly globular, and without neck, the crown deep purple, the flesh is a rich yellow. The illustration conveys a good idea of the shape assumed by this strain. With this stock the experienced cultivator can rely upon a return superior in weight, form and color to any that can be derived from seed offered elsewhere. Pkt. 5c; oz. 10c; 4 oz. 25c; lb. 75c.

TOBACCO SEED.

Connecticut Seed Leaf. Brst adapted to the climate of the middle and northern States, as it is more hardy and endures the cold better than the tender varieties. Pkt. 10c; oz. 50c.

Havana. Pure Cuban grown seed, and when grown in this country commands a high price for cigar stock. Pkt. 10c; oz. 50c.

VEGETABLE PLANTS.

For which we issue Special List of Varieties, and Prices made known on application.

- EARLY AND LATE CABBAGE PLANTS**—Ready April 1. from April to August; all the best varieties,
- CAULIFLOWER PLANTS**—Ready April 1. Early Snowball. Extra Early Erfurt; other varieties.
- CELERY PLANTS**—Ready about June 15. All the best varieties.

- EGG PLANTS**—Ready about May 15. New York Improved Purple.
- PEPPER PLANTS**—Ready about May 15. Of all leading varieties.
- SWEET POTATO PLANTS**—Ready about May 1. Nansemond or Jersey Yellow.
- TOMATO PLANTS**—Ready early in May, All the best varieties.

POT, SWEET AND MEDICINAL HERBS.

CULTURE.—Herbs, in general, delight in a rich mellow soil. Those marked with an asterisk are perennial and when once obtained in the garden may be preserved for years with little attention. Sow the seeds early in the Spring in shallow drills, one foot apart; when up a few inches thin out to proper distances or transplant.



SWEET BASIL.

SAGE.

SWEET MARJORAM.

SUMMER SAVORY.

FRENCH THYME.

Pkt. Oz

Anise. Used for cordial, garnishing and flavoring; height, three feet..... 5 15

	Pkt.	Oz.
Balm. For medicinal use, Balm tea and Balm wine.....	5	40
Basil, Sweet. The leaves and tops are used for soup and sauces; one foot.....	5	20
Borage. For bee feed and salad.....	5	15
*Caraway. Grown for its seed; two feet.....	5	10
Coriander. Seeds used in confectionery.....	5	10
Dill. The leaves are used in soups, sauces and pickles; also the seed for flavoring; three feet.....	5	10
*Fennel, Sweet. The leaves are ornamental; used in fish sauces; six feet.....	5	10
*Hoarhound. Used medicinally; two feet.....	5	30
*Lavender. An aromatic, medicinal herb; two feet.....	5	30
*Rosemary. An aromatic, ornamental herb.....	5	40
*Rue. For medicinal purposes; two feet.....	5	50
Sorrel. Broad-Leaved French.....	5	15
Sweet Marjoram. The tops are used green for flavoring, or dried for Winter use; one foot.....	5	25
Saffron. Its flowers are used in dyeing; also has strong medicinal properties.....	5	25
*Sage. The leaves and tops are used in sausages, stuffing and sauces; one foot.....	5	20
Savory, Summer. For seasoning purposes.....	5	25
*Thyme. Used for seasoning; one foot.....	5	30

IMPROVED BROOM CORN.

	Lib.	½ Pk.	Pk.	Bush.
Improved Evergreen. The Improved Evergreen Broom Corn grows about seven to nine feet high, stands up well, and is free from crooked brush. Its greatest value to growers is the fact that it will not get red in the field before it is cut, but is strictly a green variety of brush, and will always command highest price. (Bushel, 40 lbs.)..	15	40	75	\$2 50
Early Dwarf or Mohawk. Grows from three to five feet high and produces short fine brush, suitable for whisk brooms and brushes.....	15	50	90	3 00



FODDER AND ENSILAGE CORNS.

Good fodder and plenty of it, supplemented by a generous grain ration, is as essential as good cows in profitable dairying, and when well grown and profitably cured is far better than average hay. To secure the full nutritive value of Corn Fodder, it should be planted in drills 3 feet apart, and at the rate of 12 to 16 quarts per acre.

The Celebrated Red Cob Ensilage. A southern type of large white Corn with deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers we sell to every year. Price, shelled, peck 50c; bushel \$1.20; 2 bushels \$2.00; in bag of 2½ bushels \$2.50.

Blunt's White Prolific, or Mammoth Ensilage Corn. Produces three to eight good ears to a stalk. It is also much used for ensilage, and has been known to produce seventy tons of fodder to the acre. Peck 50c; bush \$1.20; in bag of 2½ bush. \$2.50. Special price for larger lots.

Evergreen Sweet. The dairy farmers of the Northwest find double value in Sweet Corn Fodder over field sorts. We recommend it above all others for sowing broadcast, or in drills during the summer months, for Summer and early fall green feed, helping out the shortness of Summer feed and keeping up a supply of milk. Sweet Corn, both green and dry, is good for Horses, Cattle and Hogs. Sweet Corn is the great milk producer and makes as sweet and yellow butter as May Clover. We have the large-growing leafy sort of Sweet Corn. Price qt. 10c; peck 50c; bush. \$1.50. Special price in larger lots.

We can sometimes offer other varieties of Sweet Corn besides Evergreen, of which we have a surplus at lower rates. Write for samples and prices if you need a quantity. These Fodder Corns are all shelled.

CHOICE, SELECTED NORTHERN GROWN SEED CORN.

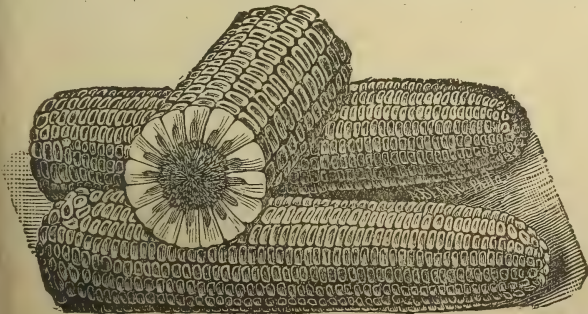
THE SEED WE OFFER IS GROWN FOR THIS PURPOSE; CAREFULLY SELECTED AND SHELLED.

We have for years made a careful study of the best varieties of corn grown in the U. S., and fully appreciating the great importance to the farmer of GOOD FIELD CROPS, especially Seed Corn, we hold that Corn grown in our section of the U. S., just at the edge of Michigan, is far preferable for planting in the Eastern, Middle and Southern States, to the Western grown. Corn grown in our section will mature sooner and make a far better yield than the Western grown. Our Seed Corn will do better in the West than their own to plant. We have given particular attention to this department of our business, and have made *Selection and Improvement of Farm Seeds a Specialty*, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality.

We make it an invariable rule to test our Seeds carefully before sending out, and our customers may depend on getting Seed Corn that will grow perfectly under favorable circumstances. A sample ear is put in each sack with all orders of one bushel and over. Sample ears will be sent by mail to any address on receipt of twenty cents to cover postage.

At prices given we charge 15c. for new cotton bags, and deliver free to any freight depot or express in Toledo.

The Celebrated Maumee Valley Yellow Dent Corn. This valuable Corn is one of our introductions. We have sold and shipped thousands of bushels to all parts of the United States, and it has proved to be without exception the finest and best yielding Corn in the country; has a deep, rich, oily grain and a small red cob; it is always sound, not easily damaged, extra heavy in weight; bushel shelled weight 60 to 62 lbs.; the stalk is medium in height, strong and stalky, not easily broken or blown down, and altogether is almost certain to make a crop even if planted as late as June. The time of maturity is 85 to 90 days. Price, qt. 20c; peck 50c; bush. \$1.50; 5 bush. \$6.00; 10 bush. or more, special price.



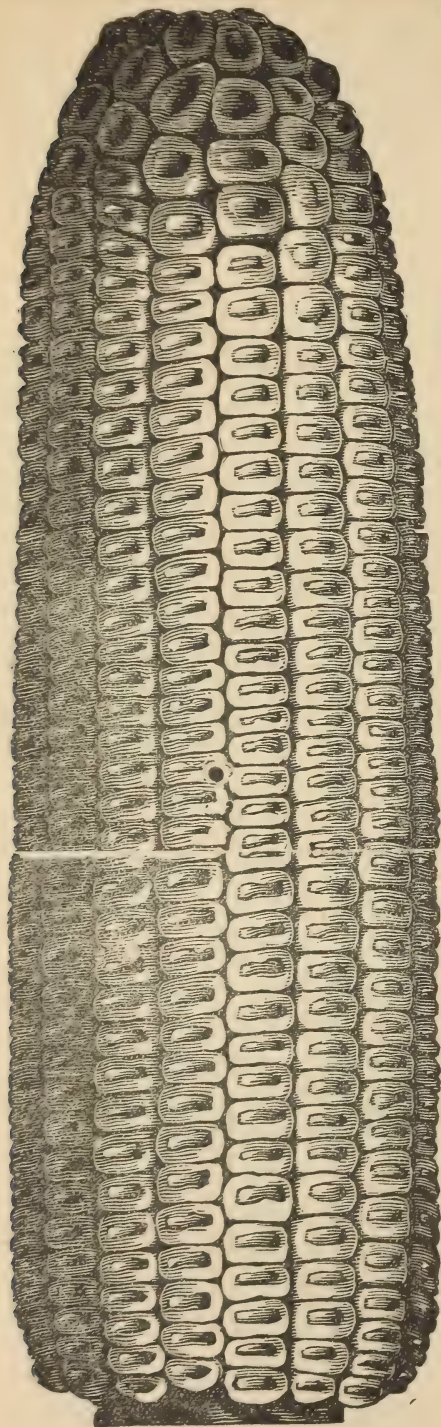
CLARK'S EARLY BUTLER YELLOW DENT CORN.

average yield 80 bushels shelled per acre; ripens in 78 days. By mail, package 10c; qt. 30c; by express or freight, peck 50c; bush. \$1.50. Larger order, special price.

Improved Genuine Early Pride of the North. A very early Golden Dent variety, ripening with the Flint sorts, and can be successfully grown further north than any other variety of Dent Corn. Stalks small, with broad leaves. Ears short; twelve to sixteen rowed, well filled. Grain long, yellow. Qt 20c; peck 50c, bush, \$1.50. Larger order, special price.

Clark's Early Butler Yellow Dent Corn. This extra early Yellow Dent Corn originated with an extensive corn grower here, and is a cross from the Pride of the North. Good sized ears of long grain, very small cob, and of beautiful golden color. Qt. 20c; peck 50c; bush. \$1.50. Larger order, special price.

King of the Earliest. Canada earliest Yellow Dent Corn, or the Queen of the North. Average



CLARAGE EARLY YELLOW DENT CORN.

finest kind for meal and stock. By mail, ear, 20c; qt. 30c; by express, peck 60c; bush. \$1.75. Special price for larger order.

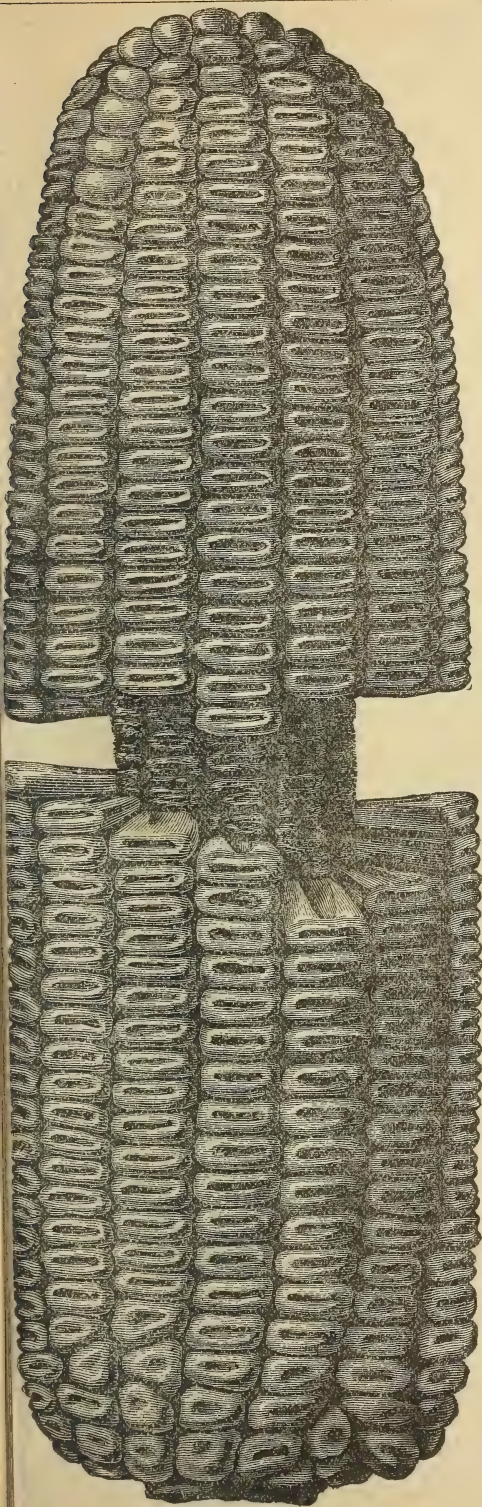
The Clarage Early Yellow Dent Corn. This is an Early Yellow Dent Corn, and suitable, if necessary, for late planting. The Ohio State Board of Agriculture grew it on the grounds of the State Experimental Farm, and give it in their report the highest recommend of all the early varieties of Yellow Dent Corn, in earliness, the number of bushels to the acre, average ears to each stalk, size of ears, and least per cent. of nubs. It is of good bright color, ear very even in size its entire length and kernels set square in rows; 14 to 18 rowed; it is a week earlier than any other Dent Corn, and large ears. We introduced this valuable variety of Corn eight years ago, and must say that we never sold Seed Corn which gave such universal satisfaction and have received many flattering testimonials. Several farmers have sold their crops of hundreds of bushels, at double the price of corn, to their neighbors and dealers in other parts of the country. We have a moderate supply only. Quart 20c; peck 50c; bush. \$1.50; 5 bush. \$6.00. Special price for larger orders.

Champion Early White Pearl. An extra early pure white variety of the Dent family; very productive and exceedingly heavy, *maturing in 85 to 90 days* from the time of planting. The grain is *extra deep and wide*, two of which will more than span the cob, which is *very small*. Qt. 20c; peck 50c; bush. \$1.50. Larger order, special price.

Improved Early Prolific Golden Dent. Similar to Leaming, but earlier. We highly recommend this. Qt. 20c; peck 50c; bush. \$1.50. Larger order, special price.

Improved Leaming Corn. The true Improved Leaming Corn is a pure, fixed and distinct variety. It is not a hard flinty Corn, but sweet and nutritious, making excellent feed and the finest meal, its quality not being surpassed by any other known variety. The ears are large and handsome, with very deep large grain of deep orange color and red cob. Produces two good ears to each stalk, and husks and shells easily; great producer. Price, qt. 20c; peck 50c; bush. \$1.50; bag of two bush. \$2.50 10 bush. and over. special price.

Our Maumee Valley Extra Early Gilhouse. A Hybridized Yellow Dent and Flint Corn, a beautiful light yellow, kernels $\frac{5}{8}$ of inch broad, eight rowed, grows of medium height, enormous yielder, 2 to 4 good sized ears on stalk, the earliest of all the Corn will make a crop and ripen if planted as late as July the first. The



CLARK'S EARLY MASTODON CORN,

Clark's Early Mastodon. This new variety, introduced three years ago, has proven itself to be the largest eared and greatest yielding Dent Corn ever introduced. Out of twenty-five reports twenty-four of them claim for it a most perfect Dent Corn of strong growth, long grain, fine fodder, small cob, rank, quick to ear and ripen; the most productive of all field corns. Qt. 20c; peck 50c; bush. \$1.50. Special price for larger orders.

Improved Golden Beauty. (Dent). The ears are well filled with the handsomest yellow Corn we have ever seen. Cob very small, and the grain of the finest quality, making it the best variety for grinding into meal. Qt. 20c; peck 50c; bush. \$1.50. Larger order, special price.

Longfellow Flint. An eight-rowed Yellow Flint variety. Ears from 10 to 15 inches long (shape shown in illustration); $1\frac{1}{2}$ to $1\frac{3}{4}$ inches in diameter; well filled out to extreme end of cob. Cob small; kernel large and broad. Ear 20c; qt. 2c; peck 50c; bush. \$1.50; bushel basket of ears \$1.00. Five or more bushels, special price.

Extra Early Golden Dewdrop. (Flint). Early yellow variety. Ears 10 to 18 inches, perfect and well filled. Qt. 20c; peck 50c; bush. \$1.50.

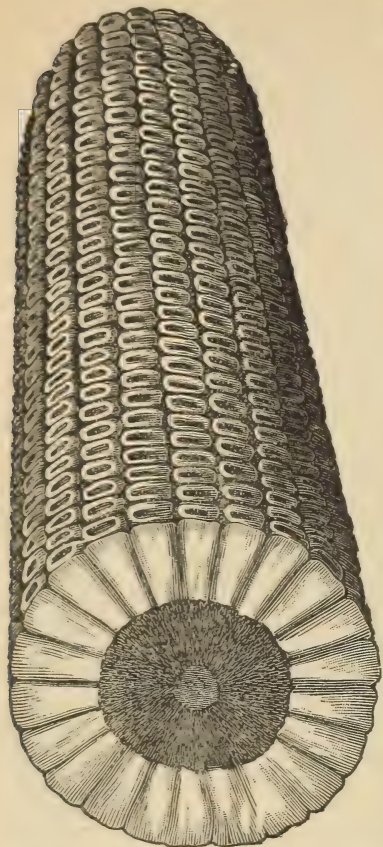
Early Canada. (Yellow Flint). Very early. Ears thick. Qt. 20c; peck 50c; bush. \$1.50.

Thoroughbred Rural Early White Flint Corn. This large early White Flint Corn was introduced for the first time by the *Rural New Yorker*, and it has proved itself to be the largest early flint Corn in cultivation; a wonderful yielder, from 3 to 4 ears of 12 to 18 inches on one stalk; strong grower even on light soil. Qt. 20c; peck 50c; bush. \$1.50. Larger orders, special price.



LONGFELLOW CORN.

Extra Early King Philip. (Improved Flint). This excellent red or variegated Flint Corn is so well known that it needs no special description. Qt. 20c; peck 50c; bush. \$1.50.



EXTRA EARLY HURON DENT CORN.

Extra Early Huron Dent Corn. After two years' trial on a large scale, we have concluded that this is the earliest Dent Corn grown. Good sized stock and ear, small red cob, long deep grain, very rich in oil and starch, and is the only smooth, very early Dent Corn known. Ears wonderfully perfect, grained even on both ends of cob; has quick, rank, strong growth and is very productive; it heads the list of all extra early varieties. Our supply is genuine and from the originator's stock, strictly pure and carefully selected. Qt. 20c; peck 50c. bush. \$1.50. Larger orders, special price.

SPRING VETCHES OR TARES. FLAX SEED.

Vetches are grown for a forage crop. Sow two to three bushels per acre. Per lb. 10c; peck \$1.00; bushel (60 lbs.) \$3.60.

Flax. Russian and Dakota. Extra cleaned. Lb. 6c; $\frac{1}{2}$ peck 30c; peck 50c; bush. \$1.75.

SPRING SEED WHEAT AND SPRING RYE.

Spring Rye as a catch crop or fodder. Per peck 50c; bush. \$1.50. Sow about two bushels to the acre.

FALL OR WINTER SEED WHEAT

We will have all the leading and new varieties of northern grown Winter Wheat, of which we will issue a special Seed Wheat catalogue, containing full description and prices, by July the 20th next and mailed free to all applicants.

SPRING SEED BARLEY.

Quantity of seed sown per acre is about 1 1-2 to 2 bushels.

Manshury Barley is one of the very best six-rowed Barley grown; for malting is the *very best known*; is early in ripening, which helps it to fill well, thus it always fills plump; six-rowed, has a strong upright straw, that makes it easy to harvest; yields from 50 to 80 bushels per acre. Heads of this Barley are very long, and contain from 75 to 100 heavy kernels of grain. Peck 30c; bushel (48 lbs.) \$1.00; bags 15c. Special price for 5 bushels and more.

Scotch Golden Grain Barley. Exceedingly handsome, two-rowed, of very plump heavy grain, highly prized for its superior malting quality; very prolific. Always commands a high price. Peck 50c; bushel \$1.25. Bags 15c. In lots of 5 bushels and over, special price.

OATS.

NORTHERN GROWN CHOICE SEED.

We are not great believers in fancy Oats at extravagant prices, but we do believe an occasional change of seed is a paying investment, and that new hybrids have been introduced of great value. The stock we offer was especially grown for us for Seed, and carefully re-cleaned by us, and who would not grow pure, reliable, choice, improved heavy Oats, in preference to the light mixed and chaffy kinds, which yield only half a crop of inferior quality.

Improved American Banner. This grand Oats we introduced two years ago, is as near rust-proof as any Oat can be; it has invariably yielded larger crops than several of the leading

varieties grown on same soil under similar conditions; grain is large, white, plump; thin hull; ripens early; has stiff straw of good length. We recommend this splendid white Oats as an enormous yielder, the best market Oats and money maker. Peck 30c; bush. \$1.00; 5 bush. and over 75c. bush. Cotton bag, 15c. Larger order, special price.

White Belgian Oats. One of the earliest Oats known, very popular wherever grown; very stiff straw; rust proof; an immense yielder; 60 to 100 bushels per acre. We have a fine northern grown stock of this excellent Oats. Give it a trial; you will not be disappointed. Py express or freight, peck 30c; bushel of 32 lbs. \$1.00; in 5 bushel lots 75c per bush.; 10 bushel lots and over, 60c. per bush. Cotton bags 15c.

New White Superior Scotch Oats. The heaviest Oats ever introduced in the U. S. Weigh 50 lbs. to the measured bushel. They surpass all other White Oats in heavy weight, thin hull, shortness and plumpness of grain, strength of straw, and productiveness. In short, they are the most profitable for farmers to grow and merchants to handle. Price, peck 35c; bush. 1.25; 5 bushels and upwards \$1.00 per bush. of 32 lbs. Larger lots, special price.

Improved Black Tartarian. These Oats were grown specially for seed from pure imported stock from Europe, which we have grown in sufficient quantity to offer this year so that our customers can have a chance to try its merits; the grain is very large, shiny, plump and full, very thin hull, and it is exceedingly prolific, having yielded at the rate of 100 bushels per acre, with only ordinary cultivation, and has proved absolutely *rust proof*, where other varieties were destroyed by rust. We do not hesitate to recommend it, and we are sure that all who give it a trial will find our "Improved Tartarian" the best Black Oat in existence weighing 48 lbs. to the measured bushel. Peck 35c; bushel of 32 lbs \$1.00; 5 bu. and over, 80c. bushel.

Samples mailed on application.

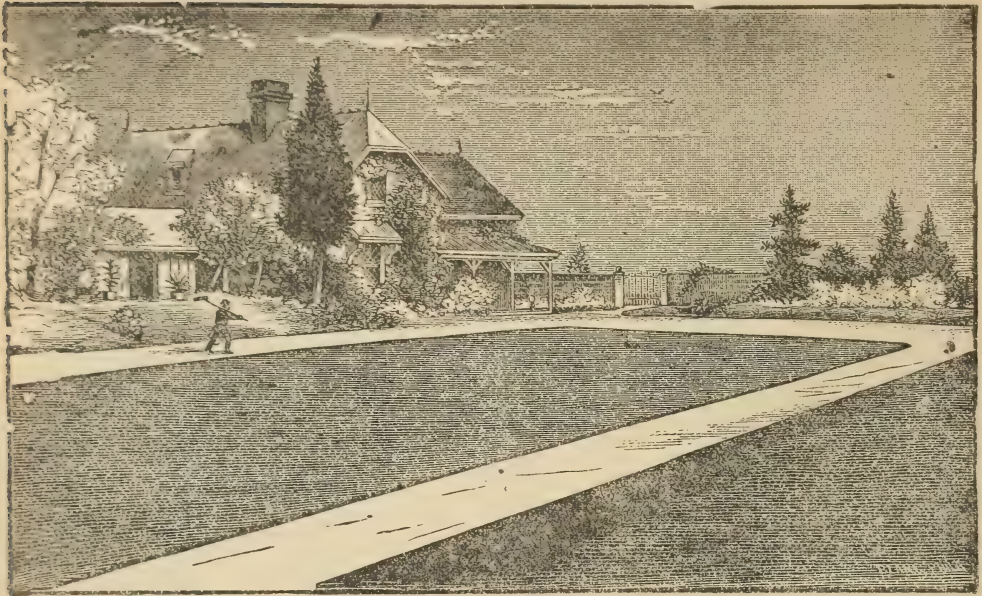


NEW WHITE SUPERIOR
SCOTCH OATS.



IMPROVED AMERICAN
BANNER OATS.

LAWN VIEW.



THE HENRY PHILIPPS SEED AND IMPLEMENT CO. *LAWN GRASS*, which we offer, should not be compared with the cheaper preparations advertised. Our combination is of the best chosen varieties and clear of weed seeds. Anyone who purchases cheap, ill-chosen Lawn Grass will soon realize that it is a poor investment, as the crop is a constant reminder of a poorly considered purchase.

Much of the success of lawn making depends upon the preparation of the ground; the land must be well plowed or dug, and harrowed and raked, to secure thorough pulverization, and, if possible, well rolled down and top dressed with a good fertilizer, unless the land had received an application of well rotted stable manure before plowing or spading, otherwise there would be objection to its use, and we would recommend a good grade of super phosphate or a mixture of phosphate, ammoniated bone, as especially adapted for lawns, at the rate of 500 pounds to the acre, which should be lightly harrowed in and upon the seed-bed. Our Lawn Grass mixture should be sown at the rate of three or four bushels to the acre, lightly harrowed in and thoroughly rolled.

When the young shoots of grass have attained the height of three or four inches, it should be carefully mown with a sharp scythe; after this it should be mown about every ten days with a lawn mower. Frequent mowing and rolling is indispensable to maintain turf in good order.

When your lawn has already been established, you will find it greatly to your advantage to renew it every season. As early in the Spring as the weather will permit, have your lawn carefully raked, so as to remove the dead grass and leaves that may be thereon; then sprinkle it with our Mixed Lawn Grass Seed, which will renew the thin places and spots which have been killed by Winter; then give it a dressing with our Lawn Fertilizer Mixture, and finish by giving the whole a thorough rolling; after which the lawn mower should be used every week or ten days. This will make the lawn a source of ever-varying beauty and enjoyment throughout the season.

We have tried all kinds of Lawn Grass Seed, both native and foreign, and confidently recommend our Mixed Lawn Grass Seed as the best in use. It makes a quick and luxuriant growth, and permanently occupies the ground, giving it a velvety covering, which is the charm of a lawn. Put up in packages, or as wanted.

	Qt.	Lb.	Peck.	Bush.
The H. P. S. & Implement Co. Fancy Park Mixture Lawn Grass Seed,	10	20	70	\$ 2 50
“ “ “ “ Common “ “ “	10	15	50	2 00
Extra Fancy genuine Kentucky Blue Grass Seed		20	50	1 75
Choice Fancy Kentucky Blue Grass Seed.....		15	40	1 40
Best Extra Clean genuine Kentucky Blue Grass Seed.....		15	35	1 20
White Dutch Clover Seed, Extra Choice.....		30	4 0	14 00
“ “ “ “ Prime.....		25	3 00	12 00

If to be sent by mail, add 10c. per pound to prepay postage. Special price in larger lots.

CHOICE GRASS SEEDS, 1894 CROP.

Prices given below for the field varieties are for the present only, as the market changes daily. When you are ready to buy, write as a card for prices.

The crop of Kentucky Blue Grass Seed, in 1894, was an average one and prices reasonably low, but may be some higher later on. There is now considerable Canada Blue Grass grown and sold in the U. S., which can be had at lower prices than the genuine Kentucky grown. For lawn purposes it may do, but for pasture and field crop it is risky on account of containing thistle and other noxious seeds. We understand that even some Kentucky dealers buy this and sell it as Kentucky grown seed.



KENTUCKY BLUE GRASS.

Kentucky Blue Grass (*Poa Pratensis*). This grass is almost universally known and furnishes a moderate supply of pasture of best quality; varies in appearance and size according to soil. It stands drought pretty well; if let grow up in fall, without grazing, makes good Winter pasture. Sow in Fall or Spring, at rate of two bushels per acre. Extra clean-bushel, \$1.20; peck 40c; lb. by mail 20c, Choice fancy, bushel \$1.40; peck 50c; lb. by mail 25c.

Meadow Fescue (*Festuca Pratensis*). English Blue Grass. A highly valuable species for permanent grass land. It does not, however, attain to its full productive power till the second year, when it far exceeds most other sorts in quantity of its produce and nutritive matter.

It is relished by live stock, both in hay and pasture, and is one of the most desirable permanent grasses for general culture. 20 to 30 lbs. per acre. Per 100 lbs. \$15.00; per lb. 20c.

Orchard Grass (*Dactylis Glomerata*). A rough, coarse, perennial grass, extremely hardy; of all grasses the best for sowing under trees or in orchards; very valuable either for grazing or for hay; one of the earliest to start in Spring and furnishes abundance of pasture during entire season, wet or dry. Valuable sown with other grasses for pasture; makes excellent hay mixed with Clover. Sapling Clover is best to sow with it as it ripens about same time. Sow in September or Spring, at rate of 1½ to 2 bushels per acre. Weight per bushel, 14 lbs. Bushel \$1.85 to \$2.50; peck 50c to 75c; lb. 20c.



ORCHARD GRASS.

Sweet Vernal (*Anthoxanthum Odoratum*). Very fragrant, especially when bruised. For pasture mixed with other grasses is quite valuable, as it starts early in Spring and grows until late in Fall. By mail, lb. 45c; at store, lb. 35c.

English Perennial Rye Grass (*Lolium Perenne*). A nutritious permanent grass for meadows and pastures; also for mixing with other grasses for lawns. Bushel, 24 lbs. Lb. 10c.

Tall Meadow Oat Grass. A valuable grass for permanent pasture on account of its early luxuriant growth. Makes splendid hay. Lb. 25c; bushel, 13 lbs., \$2.50.

Italian Rye Grass. Lb. 15c; bushel, 20 lbs., 2.40.

Wood Meadow Grass. Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow twenty-eight pounds to acre. Lb 35c; bushel, 14 lbs., \$4.00.

Meadow Foxtail. Rough Stalked Meadow. Each, per lb. 35c; 10 lbs. and over 30c per lb.

Hard Fescue, Sheep Fescue, Meadow Soft. Each, per lb. 20c; 10 lbs. and over, 16c per lb.

The crop of Timothy Seed in 1894 was not over one-half of an average one, and prices have advanced 50 cents per bushel since fall seeding. The stocks are not large and choice seed is scarce and prices no doubt will go still higher. Crop of Orchard Grass and Red Top Grass Seed was not over one-third of an average one, and stocks not large, will be higher.

CLOVER AND OTHER GRASSES.

PRICES ON APPLICATION.

HIGH GRADE EXTRA CLEAN CLOVER, TIMOTHY AND OTHER GRASS SEEDS.

We pay particular attention to this part of our business. These Seeds are selected and tested with special reference to their quality. Purchasers may rely upon our best exertions to furnish Grass and Field Seeds, pure and free from noxious and foreign seeds. Our Red Clover Seed, Medium and Mammoth, we aim to keep separate. Our Pioneer brand is of the highest grade. Alsike, Alfalfa and Timothy Seed is specially selected, all re-cleaned by the best machinery to make it choice. Kentucky Blue Grass, English Rye Grass, Orchard Grass and Red-Top, in lots of five bushels or over, *no charge for bags*. For all other seeds, cotton bags extra. Prices for Clover and Timothy Seed are subject to constant change. Write for special prices and samples whenever in market. Your orders are solicited, and will receive careful and prompt attention, and will be filled at the lowest market price on receipt of same, unless prices are agreed upon before.



ALSIKE.



CRIMSON OR SCARLET CLOVER.



WHITE CLOVER.



LUCERNE.

Alsike Clover—Swedish Clover (*Trifolium Hybridum*). So-called from being intermediate in its appearance between the Red and White Clovers, possessing qualities common to both, being productive, sweet and permanent. Is valuable for pasturage or soiling. The flowers are a distinct light pink and afford fine pasturage for bees. Sow 8 lbs. per acre. Lb., postpaid, 25c. Per bushel, market price.

Crimson or Scarlet Clover (*Trifolium Incarnatum*). more valuable crop than this annual Clover does not exist. As an improver of the soil, or for an early Summer forage or hay crop it is unsurpassed. green manuring crop for grain, fruit or trucking crops it gives the very best results, while for improving poor land it has no equal. It succeeds on nearly every kind of soil, standing southern suns and northern Winters, and is now grown largely in all southern and middle States, and has succeeded in every State in the Union where tried. Sow fifteen pounds to the acre. Lb. 15c; 10 lbs. \$1.25; 25 lbs. and over, 10c. per lb.; bush. of 60 lbs., \$5.00.

Red Clover (*Trifolium Pratense*.) This is the common Red Clover, the seed of which is the Clover Seed of commerce. At lowest market price.

Mammoth Sapling Clover, English Clover. Compared with the common Red Clover, its flower, foliage and stems are of darker color. Is valuable when grown with other grasses for mixed hay, as it ripens later than common Red Clover, about the time Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. Being a very rank grower, it is coming into general use for soiling purposes. Market price.

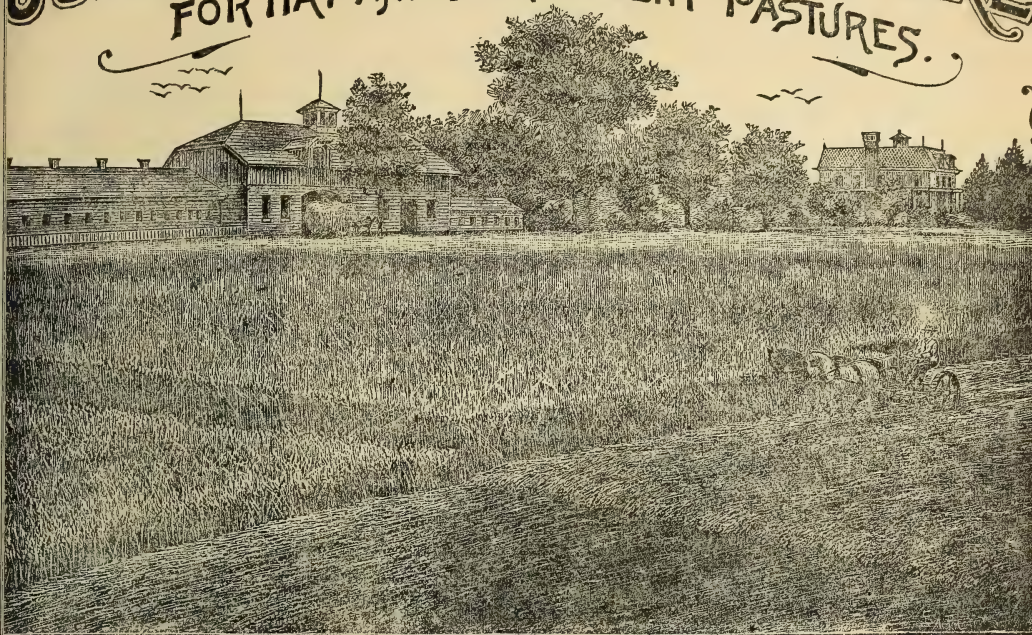
White Dutch Clover (*Trifolium Repens*) Grows naturally in pastures in a great variety of soils and situations, and is an indispensable requisite in all parks and lawns. Lb. 30c; postpaid 40c. Market price quantity!

Lucerne or Alfalfa Clover (*Medicago Sativata*). A perennial forage plant, and when once properly seeded in suitable soil produces fine crops for years. Has remarkably strong growth, occasioned by roots penetrating ground to great depth, 10 to 20 ft., until they are altogether out of reach of drought. Seed can be sown with any grain crop in Spring, or as separate crop, at rate of 10 or 12 lbs. to acre. Lb. 15c; postpaid 25c. Market price in quantity.

Bokhara Clover—Honey Plant (*Melilotus Alba*). Excellent for bee food, growing well on poor soil. By mail, postpaid, 35c. per lb.

OUR SPECIAL GRASS MIXTURE

FOR HAY AND PERMANENT PASTURES.



“ One thing is certain, that good pasture land is the foundation of the riches of a farm.”

There is an increasing demand for grass seeds for remaining down for two or more years, and in the present depressed condition of agriculture, the system of extending the period during which rotation grasses remain down has many advantages, while the cost of suitable seeds is much less than those for permanent pasture.

GRASS MIXTURE FOR PERMANENT PASTURES.

The base of this special mixture is ORCHARD GRASS, which yields as abundant crops as the ordinary mixture of “ Timothy and Red-Top,” and is also a much more permanent grass than Timothy; with the great luxuriance of its aftermath, it possesses remarkable power of enduring the cropping of cattle. Besides Orchard Grass this mixture is made up of our *Northern Red-Top* (which grows taller and makes better hay than the Red-Top from the South) and English Rye Grass, Italian Rye Grass, Tall Meadow Oat Grass, English Blue Grass, Kentucky Blue Grass, and Alsike Clover Seed, which gives permanency to the sward. From 25 to 35 pounds should be sown to the acre. This mixture is good on any soil. Price, per pound, 20c; \$15.00 per 100 lbs.

FOR MOWING AND GRAZING IN ORCHARDS AND SHADED SITUATIONS.—English Rye Grass, Timothy, Meadow Foxtail Grass, Orchard Grass, Wood Meadow Grass, Italian Rye Grass, Tall Meadow Oat Grass, Mammoth Clover, Red-Top Grass, and White Clover. Allowing 20 pounds per acre. Per lb. 15c.

FOR PASTURES ON ANY SOILS.—Timothy, Meadow Fescue Grass or English Blue Grass, Meadow Foxtail Grass, Red-Top Grass, Orchard Grass, Kentucky Blue Grass, Lucerne Clover, Alsike Clover, White Clover. Allowing 20 pounds per acre. Per lb. 20c; per 100 lbs. \$15.00.

FOR WOOD OR NEW GROUND PASTURE.—Orchard Grass, Kentucky Blue Grass, Timothy, Red-Top, low grade Red and Alsike Clover Seed. Allowing 20 pounds per acre. \$1.50 per acre; 10c. per lb.

FOR REGULAR MEADOW.—There is hardly anything better than the clear Timothy Seed, or Timothy and Alsike or Red Clover mixed to a certain extent, say two-thirds of Timothy and one third of Clover. For more full information, please ask for our special Grass Seed Circular and prices.

Sanfoin or Esparsette. A valuable forage plant for the North, West and South; 40 lbs. should be sown to the acre. Is green all the year round and produces three to five crops in one season. Roots 12 to 16 feet in length. Price per bushel of 20 lbs. \$2.00; lb. 15c.

Timothy (*Phleum Pratense*). This well known variety is extensively grown throughout the country. It will produce a large crop. From 10 to 15 lbs. per acre. Bushel 45 lbs. Lowest market price.

Herd, or Red-Top Grass (*Agrostis Vulgaris*). A valuable native permanent grass, as a mixture in meadows, pastures or lawns, growing in almost any soil, moist or dry, and standing our hot climate. 1½ bushels to the acre; for lawns, 3 bushels to the acre. Weight per bushel, 14 lbs. Lowest market price.

Hungarian Grass (*Panicum Germanicum*). A valuable forage grass and hay, both because of its foliage and its nutritious seeds; early; resists drouth and does well on light soils. Sow one bushel per acre. Bushel, 48 lbs. Lowest market price.

Common Millet (*Panicum Milliaceum*). An excellent early forage grass, with its long, broad leaves and nutritious grain. Grows to the height of three or four feet. Very early. One bushel per acre. Bushel, 50 lbs. Lowest market price.

German or Golden Millet. Will grow in almost any climate or soil; the yield in hay or seed is larger than any other variety. Lowest market price.

Improved German, or Golden Wonder Millet. This variety is not so early as the common millet, but yields a much larger crop. Southern grown seed is much preferred, as it will produce more hay. Northern grown seed is usually hybridized with other millets and will not grow as tall. We can furnish southern grown seed at lowest market price.

The Russian Forage, or New Manitoba Millet. This is largely grown in Russia, British Columbia and the Dakotas, and last season introduced by us. Lowest market price.

We issue a special Millet and Grass Seed circular, giving full information and prices, for which please apply.

Millet and Hungarian Seed is generally sown from May 1st to August 1st.

SEED BUCKWHEAT.



The crop of Buckwheat in 1894 was a very short one, in fact nearly a failure. The stock is not large and prices may go higher than here quoted.

Sow from two to three pecks to the acre.

NOTE.—Buckwheat thrives on comparatively poor land; can be planted so late as to prove a profitable second crop to follow early grass, peas, potatoes, etc. Good to plow under for green manure.

Early Japanese. Sown at the same time with Silver Hull, it proved two weeks earlier and yielded twice as much. The kernels are *twice the size* of any other Buckwheat, of a rich dark brown color, and manufacture a superior flour. Peck 50c; bushel (50 lbs.), \$1.50.

European Silver Hull Buckwheat. Yields more and produces more flour than the common. Is longer in bloom than the ordinary sort. Husk is very thin, grain is rounder, of a beautiful light gray color. Peck 50c; bushel (50 lbs.) \$1.50.

Little Silver Gray. Peck 50c; 50 lbs. \$1.25.

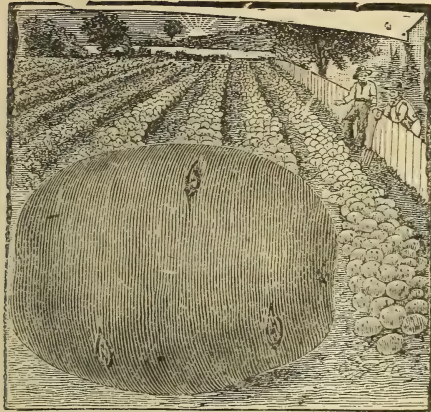
Common. Selected. The old well known sort. Peck 30c; bush. \$1.00.

For any quantities and large lots, special prices on application.

PRICE LIST OF CHOICE NORTHERN GROWN SEED POTATOES.

CHANGE YOUR SEED.

Growing Potatoes for Seed has been a Specialty with us for years.



IMPROVED EXTRA EARLY OHIO.

By using our northern grown Seed you are assured of *early maturity, increased yield and a vigorous growth.* Our stock has been grown from selected seed and expressly for seed purposes. We book orders at any time, and fill them in rotation just as soon, in our judgment, as the weather will permit. However, we cannot become responsible for changes in the weather by which they may become damaged *en route.* We will ship at any time when requested to do so, regardless of the weather, but customers must take the risk. *Prices subject to variations of the market.*

SPECIAL PRICES given on most kinds for large quantities, on application. When customers request it, we will pack a barrel with two or three kinds, without extra charge.

Our Potatoes are all specially raised for Seed purposes and are "Northern Grown" by us and for us in Michigan and around Toledo. We deliver all Potatoes into the hands of transportation companies, safely packed; after that our responsibility ceases. Purchasers must take all risks from freezing or heating. In comparing our prices on Potatoes, remember we make no charge for barrels or cartage, but deliver F. O. B. at Toledo, at prices quoted. Our barrels contain 165 lbs. net.

PRICES GIVEN ARE SUBJECT TO VARIATIONS WITHOUT NOTICE.

EXTRA EARLY SORTS.

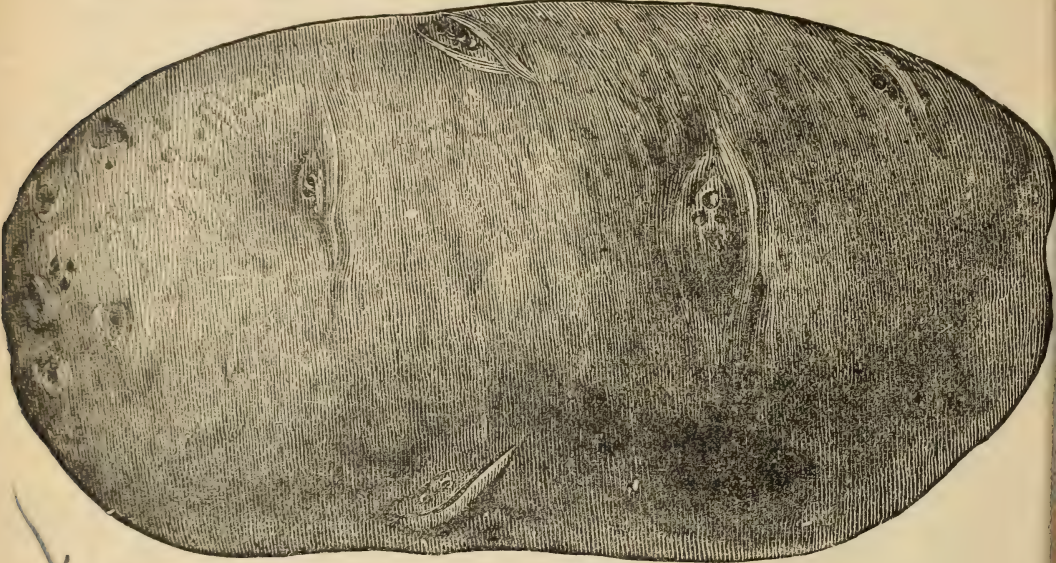
	½ Peck.	Peck.	Bushel.	Bbl.
Early Farmers' Alliance (new; the largest early Potato out)	30	50	\$1 50	\$4 00
Early Wonderful Freeman (from original stock)	30	50	1 50	4 00
Burpees' Extra Early (from original stock)	30	50	1 50	4 00
Early Polaris (heavy cropper, one of the best).....	30	50	1 50	3 50
Early Toledo Market	30	50	1 50	4 00
Early Puritan (new).....	30	50	1 50	3 50
Early Clark's No. 1 (very choice)	30	50	1 50	3 50
Early Beauty of Hebron (a beauty)	30	50	1 50	3 50
Early Maine	30	50	1 50	3 50
Early Sunrise (pure)	30	50	1 50	4 00
Early Ohio (pure)	30	50	1 50	4 00
Early Ohio Junior	30	50	1 50	4 00
Early Rose (medium early)	30	50	1 50	3 50
Monroe Seedling (new; late).....	30	50	1 50	3 50
White Star (very choice; late)	30	50	1 50	3 50
Empire State (late).....	30	50	1 50	3 50
Burbank (late).....	25	40	1 25	3 00
Burpees' Superior (medium early; a good keeper)	30	50	1 50	3 50
The Potentate Potato (medium early; a good keeper)	30	50	1 50	3 50
Rural New Yorker, No. 2 (new; a very heavy cropper).....	30	50	1 50	3 50
American Wonder (new).....	30	50	1 50	3 50
Delaware (new)	30	50	1 50	3 50

Single lb. 10c; by mail 20c; or 3 lbs. by mail 50c. of any of the above varieties.

These prices are binding only so long as our stock of any variety remains unsold. Potatoes grown in our section and northern Michigan are far better for planting in the middle, southern and even eastern States than the western grown, in earliness, yield and quality, and should be preferred by all who grow for market or in private garden.

Improved Extra Early Ohio. Is a splendid Potato for general crop; or, as a market gaudener wrote: "It's the boss for very early; the boss for medium; the boss for late; the boss Potato for everybody." (See price list)

Extra Early Sunrise. A very valuable early sort, having produced tubers fit for table in less than eight weeks from planting. Tubers of uniformly good size; shape oblong, with rosy tint. Cooks dry and mealy, when first dug. (See price list.)



EARLY FARMERS' ALLIANCE.

The Largest and Most Productive Early Potato of all.

Early Farmers' Alliance. This valuable new early Potato is from a hybridization of the State of Maine and the Early Vermont, and after four years of trial proves to be one of the very earliest and most productive. Tried alongside of 50 sorts, it has surpassed them all in productiveness. Shape is about the same as the Early Vermont, while it combines the good qualities of both its parents—early maturity, good appearance and productiveness. The flesh is white and fine grained; it cooks dry and mealy and is of superior flavor. These admirable qualities it has when first dug, and retains them till late in the Spring. The foliage is deep green in color, very vigorous. The tubers are borne in a compact bunch; bug and mildew proof. (See price list.)

Toledo Early Market. Especially recommended for early marketing, because it is extra early and of fine quality, cooking well as soon as it obtains marketable size. Tubers similar to Early Rose, large, light pink or flesh color. An immense yielder; flesh very white; cooks dry and mealy. Good keeper, quality being excellent till planting time. (See price list.)

Ohio Junior. (Extra Early). This

new Potato originated as a chance seedling; it is without doubt in some way related to that good old sort, the "Early Ohio," as it is almost identical with that variety in the form and marking of the tubers, habit and growth, etc. The tubers are oval oblong, with full eyes, that are almost even with the surface. It is an excellent keeper, very productive, of fine quality, and has proved to be a most valuable addition to our list of Extra Early varieties. There is a short crop this year. (See price list.)



EARLY OHIO JUNIOR.



EARLY POLARIS POTATO.

shaped and smoother, and far superior in productiveness and quality. Our stock is very choice. (See price list.)

Early Rose. Every cultivator of the Potato, both far and near, is familiar with the Early Rose. It was the pioneer of all the improved varieties; its highly extolled character has not depreciated. Good stock is not plentiful. (See price list.)

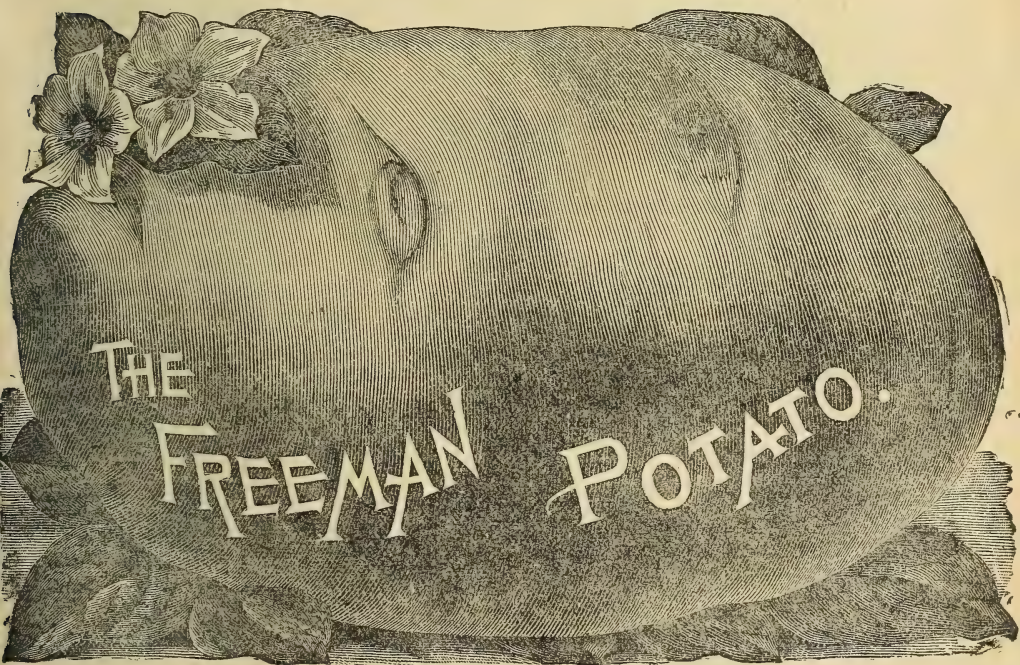
Early Polaris. This new early Potato has created quite a sensation. It is of oval shape, creamy white in color, cooking white as finest flour. Is hardy, prolific, handsome, early, a good keeper; has yielded 600 bushels to acre. (See price list.)

Early Puritan. This new early Potato is of handsome, oblong shape; the skin and flesh are pure white. It cooks dry and floury, and is of excellent quality; very productive. (See price list.)

Early Clarke's No. 1. Earlier than the Early Rose and very productive; cooks mealy; flavor excellent. Our stock is the finest we have had for years. (See price list.)

Early Beauty of Hebron. One of the best early sorts; productive and of excellent flavor; a good keeper; pure white skin and flesh, and a beauty. (See price list.)

Early Maine. This Potato originated from a seed ball of the Early Rose; resembles its parent in color, but nicer



The Great Freeman Potato. This new extra early variety was first introduced three years since under the broad claim of being the greatest Potato introduced since the Early Rose. It has made a wonderful record, giving enormous yields in all sections where grown. Its handsome shape and beautiful russet skin are well depicted in the accompanying cut, being fully equal to the old Snowflake in eating qualities. It will pay every tiller of the soil to plant The Freeman. Our crop is grown from seed stock obtained from the introducer, and guaranteed to be true and genuine. (See price list.)

White Star. One of the most profitable sorts to grow for the market. Whether baked or boiled, its purity of color, fine floury texture and delicate flavor are very attractive. The tubers are oblong, large and very handsome. (See price list.)

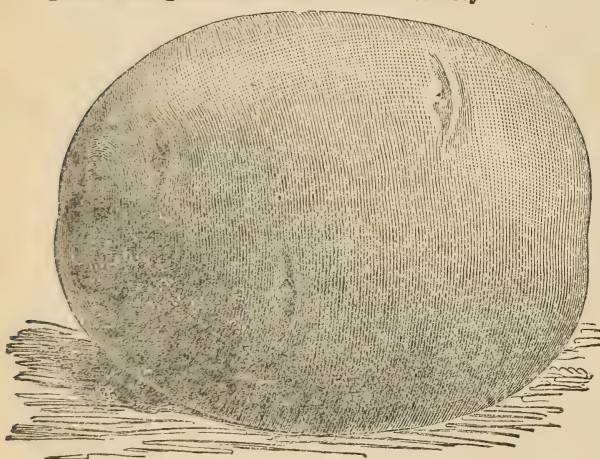
Burbank's Seedling. The old standard, still quoted high in the market. Large, white, long, smooth Potato; the best for market. The genuine stock of northern grown seed. (See price list.)

Empire State. A main crop oblong variety, wonderfully productive; does well on almost any soil. The skin is white and smooth, flesh pure white, of fine flavor. (See price list.)

Potentate. Grows large, a heavy cropper and good keeper. The tubers are large, round, very shallow eyes; quality is excellent. Second early; we recommend this for a general crop Potato. (See price list.)

Burpees' Extra Early Potato. Claimed to be the earliest and best of all extra early Potatoes. First introduced in 1890, has been thoroughly tested throughout America and England, and has fully sustained the claims made for it from the advance trials as "Seedling No. 37." It has proven itself one of the best, earliest Potatoes ever introduced. They are uniformly of good size, free from rough or scabby tubers, very smooth, eyes well set on the surface, skin creamy white, slightly shaded with pink; flesh pure white, remarkably fine grained and of the very best table quality. The tubers grow very compact in the hill, with strong and vigorous foliage of an intensely dark green; is a sure cropper, immensely productive and is one of the standard extra early Potatoes now in the market. (See price list.)

The Delaware. A new variety. Has done excellently well this season. Mr. Gregory did not go far wrong when he sent out this variety with his strong endorsement. (See price list.)



RURAL NEW YORKER, NO. 2, POTATO.

Rural New Yorker, No. 2. A splendid intermediate and main crop Potato, originated on the experiment grounds of the *Rural New Yorker*. It is most distinct in appearance and could readily be distinguished among a hundred other varieties. Very large and unusually smooth with few and shallow eyes, in form oblong, inclined to round; flesh white and of superior quality. The vines are very strong and the yield handsome tubers of great uniformity; wonderful cropper. (See price list.)

American Wonder. A good all around productive late variety for general field culture. The

tubers are white, large and uniform in size; elongated, slightly flattened; few eyes, nearly flush with the surface; quality excellent, either baked or boiled. This is the first time we offer this wonderful Potato, as it stood our trial test so well last season. We highly recommend it. (See price list.)

Burpees' Superior. Long, round or slightly flattened; skin pure white, netted; eyes small and even with surface, giving it a very smooth, handsome appearance. (See price list.)

Monroe Seedling. A very productive vigorous grower; its large, long, smooth, white tubers render it so valuable that it has become very popular. (See price list.)

SEED SWEET POTATOES.—Grown especially for seed purposes in this State and New Jersey, of the following varieties: Yellow Nansmond, Yellow Jersey. Per lb. 10¢; bushel \$2.00; bbl. \$5.00. Write for special prices. Sweet Potato Plants in their season.

We may have some second sizes and small Early and Late Potatoes at reduced prices, which will be given upon application.

When the season opens we may have other Early and Late varieties of Potatoes.

We will issue a Special and General Seed Potato Catalogue, which will be mailed upon application.

Fertilizers, Pure and Unadulterated.

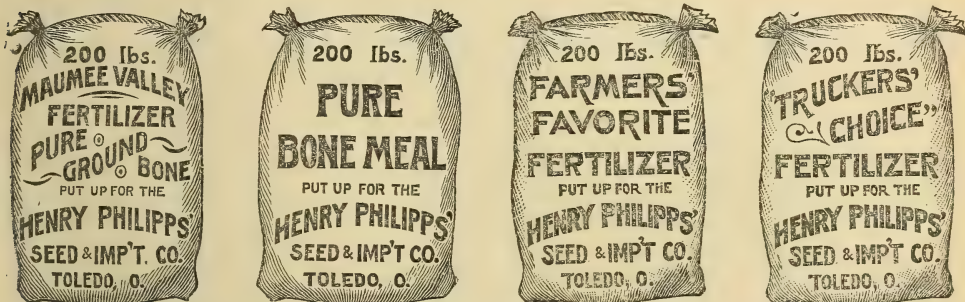
MAUMEE VALLEY HIGH GRADE FERTILIZERS.

FEED YOUR SOIL.

Commercial Fertilizers are sure to come into more general use as fast as they are tried. Their quick and direct action commend them to the Gardener and the Farmer. A customer who once buys almost invariably continues its use. The enormous quantities sold in the East give the best evidence of its utility and value to the Gardener and Farmer.

OUR FARMER AND GARDENER FRIENDS.

Life is too short for the intelligent to spend any great portion of it in wading through the long drawn out publications of some Fertilizer companies. You know that your land needs manure, and we know that we have goods that will suit you. Bone Fertilizers are the most valuable, and though they do cost a little more than the South Carolina Rock, at the start, they are the cheapest in the end.



Maumee Valley Fertilizer Co. Pure Raw Knuckle-Bone is made exclusively from clean, dry beef knuckles, is absolutely pure, and has no equal. Experience has taught our best farmers that poor, cheap fertilizers are humbugs and do not pay, while a pure, reliable, Raw Bone Fertilizer is the best they can use, giving them the largest returns for the money invested. Price, 200 pound bags, \$4.00; in ton lots, \$35.00; in carload lots, \$30.00 per ton.

Maumee Valley Pure Raw Bone Meal.—Pure Bone Meal analysis: Ammonia, 3 to 4 per cent.; Bone Phosphate, 50 to 55 per cent. Every bag guaranteed pure bone. Price, per bag of 200 lbs. \$4.00; in ton lots, \$35.00. Harrow or drill in, using 200 to 300 lbs. per acre at time of seeding. Small lots by express, not prepaid, 5 lbs. 25c; 10 lbs. 50c; 25 lbs. \$1.00.

Maumee Valley Pure Phosphate.—This brand of Fertilizer is the purest and best of its kind made. It consists of animal meat and bone only; is very strong; most excellent for wheat, corn, potatoes and vegetables. Price, 200 lb. bags, \$3.50; in ton lots, \$30.00.

Farmers' Favorite Fertilizer.—In compliance with the numerous requests of our patrons, we had prepared for us a special Fertilizer called the "FARMERS' FAVORITE FERTILIZER" which has given great satisfaction; is manufactured chiefly from animal matter; its parts being ground to dust, float fine, which renders them easily assimilated plant-food. It is especially adapted to wheat, corn, potatoes and vegetables of all kinds. Price, bag of 200 lbs. \$2.75; ton, \$24.00.

Truckers' Choice—Analysis, guaranteed 1894, 40 per cent. Carbonate of Lime from Raw Animal Matter; 10 per cent. Bone Phosphate, equal to 4¼ per cent. Phosphoric Acid; 2 per cent. Ammonia; 2¼ per cent. Sulphate Potash; 6 per cent. Sodium and Magnesia.

We recommend our Truckers' Choice especially for growers of wheat and gardeners; can be used to great advantage for grain and vegetables. Price, bag of 200 lbs. \$3.00; ton, \$26.00.

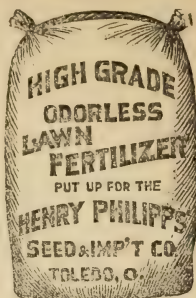
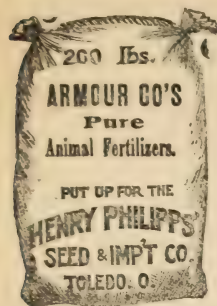
Pure Peruvian Guano.—(Genuine Lobos Brand). Free from adulteration. 1 lb. 10c; 10 lbs. 75c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50; per ton of 2,000 lbs. \$70.00. One ton of pure Guano is worth 20 tons of stable manure. Mixed in water (like Paris Green) it is most valuable in forcing garden truck, both in hotbeds and out in the fields.

World's Fair awards for all

ARMOUR & COMPANY,
(CHICAGO),

Pure Animal Fertilizers, with or without Potash.

Having accepted the *exclusive agency* for **ARMOUR & Co. Pure Animal Fertilizers**, we are enabled to offer our customers the highest and best grade Fertilizers manufactured (without exception) in the world, of which the following is a partial list:



Bone Meal.—Guaranteed analysis: Ammonia, 3 to 4 per cent.; total Phosphoric Acid, 25 to 28 per cent.; total in fine bone, 20 to 22 per cent.; total in medium bone, 6 to 8 per cent. It is very largely used on winter wheat and cereals of all kinds; also on lawns. Price per bag, 200 lbs. \$4.00; ton lots, \$32.00.

Raw Bone Meal.—Guaranteed analysis: Ammonia, 4½ to 5½ per cent.; Phosphoric Acid, 22 to 25 per cent. Nothing finer can be made. Our coarse ground Raw Bone is largely used for chicken food. Price per bag, 200 lbs, \$4.00; ton, \$34.00.

Bone and Blood.—Guaranteed analysis: Ammonia, 7 to 8 per cent.; Phosphoric Acid, 10 to 12 per cent.; immediately available, 5 to 7 per cent. Just the thing where a high Nitrogenous Fertilizer is required. Price per bag, 200 lbs. \$4.00; ton, \$30.00.

Ammoniated Bone with Potash.—Guaranteed analysis: Ammonia, 2 to 3 per cent.; Phosphoric Acid, 8 to 10 per cent.; Potash—Sulphate, 1.85 to 3.70 per cent. For barley, wheat, oats, clover, beans, rye, peas, cotton, corn, etc., and as a general Fertilizer. Price per bag, 200 lbs. \$3.00; ton, \$27.00.

"All Soluble."—Guaranteed analysis: Ammonia, 3½ to 4½ per cent.; Phosphoric Acid (Water soluble and reverted), 9 to 11 per cent.; Insoluble, 2 to 3 per cent.; Potash—Sulphate, 7.40 to 9.25 per cent. This brand has been prepared for such crops as require an extra quick, strong fertilizer. Especially adapted for tobacco, hops, potatoes, flax, sugar beets, cabbage, cauliflower, celery, fruits, etc. Price per bag, 200 lbs. \$4.00; ton, \$35.00.

Bone, Blood and Potash.—Guaranteed analysis: Ammonia, 5 to 6 per cent.; total Phosphoric Acid, 12 to 14 per cent.; available, 8 to 10 per cent.; Potash—Sulphate, 12½ to 14½ per cent. This is Bone and Blood acidulated and with Potash added in the form of Sulphate. Is especially adapted for the culture of hops, tobacco, potatoes, celery, asparagus, corn, oats, turnips, fruits, cucumbers, grapes, buckwheat, tomatoes, carrots, onions, etc., and wherever a very concentrated Fertilizer is wanted. Price per bag, 200 lbs. \$5.00; ton, \$42.00.

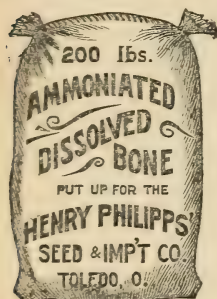
We have special catalogues of these and all our Fertilizers, giving description and full information, which are mailed upon application.

Lawn Fertilizer.—Analysis: Ammonia, 3 to 4 per cent.; Avail. Phos. Acid, 8 to 9 per cent.; Sulph. Potash, 3 to 4 per cent.. It can be applied either in the Spring, Summer, or Fall, as a top dressing, at the rate of 1 lb. to 16 square feet. Stable dressing for lawns is objectionable in appearance, odor, weed seed and cost. Our Lawn Fertilizer overcomes all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.50; 200 lb. sacks, \$4.50.

Nitrate of Soda.—This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is chiefly a stimulant; it is used in addition and mixed with barnyard and other fertilizers. It comes from Chili and is very quick in action and hastens the maturity of crops. Price, sack, 200 lbs. \$6.50; half-ton, \$30.00; ton lots, \$58.00.

Muriate of Potash.—Contains 50 per cent. actual potash. Price, per bag of about 224 lbs. \$6.50; per ton of 2,000 lbs. \$50.00.

Sulphate of Potash.—Contains 26 per cent. actual potash. Price, per bag of about 224 lbs. \$5.00; per ton of 2,000 lbs. \$40.00.



Kainit, German Potash Salt.—Price, 100 lbs. \$1.50; 200 lbs. \$2.50; ton, \$20.00.

Land Plaster or Gypsum.—Used by many Potato growers. This is excellent to mix with Paris Green, at the rate of 100 lbs. of Plaster to 1 lb. of Paris Green. Per barrel of about 300 lbs., on cars, \$1.50; 5 bbl. lots, per bbl. \$1.25.

Ashes—Canada Unleached Hard Wood.—Nature's fertilizer. Contains all of the fertilizing elements. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops, and are of high value for cabbages, potatoes, onions, strawberries, celery, fruit trees, corn, clover, wheat, beans, grass lands and lawns. Price, per barrel of about 200 lbs. \$3.00; per ton of 2,000 lbs. \$24.00. Special price in large lots.

Bowker's Food for Flowers.—An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle; without odor; produces rich green growth, and profusion of flowers. Price, large package, 25c, or by mail, 40c.

POULTRY



SUPPLIES.

Imperial Egg Food.—For all kinds of LAYING FOWLS and YOUNG POULTRY. Will make your HENS LAY, Winter and Summer; supports them during moulting, and keeps fowls in the best condition; prevents and cures the common ailments, such as cholera, gapes and roup—making poultry one of the most profitable of farm stocks. Imperial Egg Food, 1 lb. package, 50c; 2½ lbs. \$1.00; 25 lbs. \$6.00. Also **Eggine Egg Food**, 1 lb. boxes 25c.

RUST'S EGG PRODUCER MAKES HENS LAY!

RUST'S EGG PRODUCER supplies those substances, which, when assimilated by fowls, produce

EGGS, GROWTH AND DEVELOPMENT.

It contains the elements of eggs, and therefore makes hens and tardy pullets lay, exactly as certain foods produce milk in cows or fertilizers increase crops.

Although at half the usual price, it is not too cheap to be the best "Hen Persuader," or Egg Food known. It is so excellent in quality, and so moderate in price, that everybody keeping fowls should use it in summer and winter.

It makes egg producing profitable. Full directions on each package.

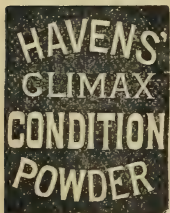
PRICES:—1 lb. package, 25 cents; 2½ lb. box, 50 cents; 6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. keg, \$3.25.

If by mail, add 16 cents per lb. for postage.



"CLIMAX" DRINKING FOUNTAIN, FOR FOWLS.

The best thing yet. Is as convenient to fill and empty as a water-pail. Quicks will not get drowned in it. Price, one gallon size, \$1.00; two gallon size, \$1.25.



Rust's Havens' Climax Condition Powder.

IS EXACTLY WHAT EVERY STOCK KEEPER AND POULTRY RAISER NEEDS.

It cures diseases and keeps stock and fowls healthy. It always cures Gapes and Fowl Cholera, when used as directed. It expels Worms from Horses, etc., harmlessly. It improves and increases the production of milk. It makes Hogs thrive and fatten; try this. It is the only reliable Poultry powder. It contains no antimony or anything harmful. It is not a feed, but an honest medicine at an honest price. It is used in nearly every State and Territory, Canada and South America. All who have used Rust's Havens' Climax Condition Powder once will have it again. Price, one package, 25c; if by mail, 15c. extra for postage. 5 lb. box (equal to 6 packages), \$1.00. Full descriptive circulars and anything else in the line of Poultry Supplies wanted, will be furnished on application.

CRACKED BONE FOR POULTRY.

This is about the size of wheat and can be fed like any other food, in grain. The phosphate of lime contained in bone assists in the formation of the egg and largely increases the productiveness of hens. Price, 1 to 20 lbs. 5c; 25 to 50 lbs. 3c; 100 lbs. 2½c; in ton lots, 2c.

EXCELSIOR GROUND OYSTER SHELLS.

This is a most important article for the Poultry-yard through the Winter, and should be liberally supplied to the fowls. When everything is frozen or covered with snow they must be helped out, if eggs are wanted. The fact that our "Excelsior Oyster Shells" are ground when green, are valuable as an aid to the digestive organs of the fowl. Price, 1 to 10 lbs. 2c; 20 lbs. 35c; 50 lbs. 7½c; 100 lbs. \$1.25; barrel, one cent. per lb. Special prices on ton lots.

PURE, FINE GROUND BONE MEAL.

For young chicks whose power of digestion is not mature, this will be found an indispensable addition to their food. Price, 5 lb. 25c; 10 lb. 40c; 50 lb. \$1.50; 100 lb. bag, \$2.50; per barrel (about 250 lbs.), 2c. per lb.

SUNFLOWER SEED (Russian Mammoth). Striped seed. Price, qt. 10c; peck 60c; ½ bushel \$1.00; bushel \$1.80. This is one of the best egg-producing foods known for poultry; keeping them in fine condition. Cotton bags, 15c.

BARLEY, for hens. Price per bushel, 75c.

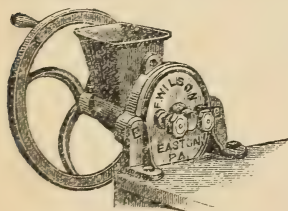
GOLDEN MILLET. 5c. per lb. in lots of 1 to 10 lbs; 3c. per lb. in 100 lb. lots.

CHINA NEST EGGS. Price each, 10c; per dozen, 25c; by mail, 60c. per dozen.

INSECT DESTROYER (SLUG SHOT). 5 lb. package. 30c; 10 lb. package 50c.

WILSONS AND MANN'S PATENT

Hand and Power Green Bone, Shell, Corn Mills and Cutters.



Will successfully cut Fresh Market Bones, with Meat and Gristle attached. Valuable implements for the Poultryman, Gardener and Housekeeper. They will take whole Oyster or Clam Shells and Bones of the same size, and crush a peck in 15 minutes. Also grinds Stale Bread, Crackers, Roots, Spices, etc.

Have also WILSON'S No. 1 GREEN BONE MILLS for grinding green bone, right from the butcher, with the meat on Price, \$13.00.

Also the No. 1 and No. 2 GREEN BONE MILLS, combined on legs. Price, \$20.00.

MANN'S GREEN BONE and VEGETABLE CUTTERS, six sizes, hand and power. Price from \$16.00 to \$225.00.

POWDER DUSTER,

For Putting Paris Green and Slug Shot on Potatoes, Vines, Etc.



The Canister is a very handy implement for general use in small trees, bushes, flowers, or conservatory. It is very useful.

Price of Canister filled with powder..... 25c.

40 cents. Gallon Dusters. 75c. ½ Gal. 25c. Canister.

An Infallible Insecticide or Insect Destroyer.

25,000 Tons of it Used with Safety to Man and Beast. Its Efficiency is Conceded by All who make Thorough Tests.



What is SLUG SHOT? Slug Shot is an impalpable powder, a combination of insecticides; poisonous to insects preying upon vegetables, and withal an excellent fertilizer, affecting nearly all classes of insect life, so that they either die or leave for parts unknown. IT KILLS THE POTATO BUGS in all stages of their growth. IT KILLS THE BLACK FLEAS on Cabbage, Turnips, Beet, Radishes and Egg plants. Apply by dusting over the plant. IT KILLS THE CABBAGE WORM, and also the Currant and Gooseberry Worm; the

Aphis or Green Fly on Roses and other flowers. Has prevented the ravages of the Curculio and Canker Worm on Fruit Trees; used for Beans, Melons, Squash, Cut-Worms, KEEPS THE STRIPED BUGS FROM ALL VINE CROPS. For full information and testimonials from all sections of the United States, send stamp for pamphlet—"Hammond's Slug Shot and its Uses." Slug Shot is put up in 5 and 10 lb. bags, and in flour barrels, loose, that contain 235 lbs. each. It is applied by duster or bellows. Price, for 5 lb. package, 30c; 10 lb. package, 50c; 100 lbs. 4c. per lb; full barrel, in bulk, 3½c. per lb. Special price in ton lots. Full directions on every package.

Grape Dust.—A non-poisonous powder for the remedy and control of mildew and ro on grapes, gooseberries, roses, etc. Price, 5 lb. package, 35c; 100 lb. keg. \$5.00. Apply with bellows or powder gun.

The Flour of Tobacco and Sulphur will prevent and cure milde w ongrapevines and rose bushes. It will destroy the green and black fly, grubs, cut-worms, lice and the eggs of insects, mealy bug, and the red spider. Pulverized, in packages, at 25c. and 50c.

Carbolic Soap.—For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. Price, 4 oz. package, 10c., or by mail 14c. Directions: Dissolve 2 oz. to a gallon of water and apply with brush, sponge or spray.

Whale-Oil Soap—An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., for washing down the bark of trees, grapevines, etc. In cans, with directions, 15c., 25c., 50c.

Hellebore.—For destroying Rose Slugs. One or two applications are usually sufficient for a season, and it is thoroughly effective. Per pound, 25c; by mail 40c.

Pure Paris Green.—For destroying Potato Bugs. It is effectual for destroying that pest. Directions for use with each package. 25c. per lb.; by mail 40c; 10 lbs. for \$2.00.

London Purple.—Very poisonous and equally as efficacious as Paris Green and more soluble in water. Price, 25c. per lb.; 10 lb. lots and over at 20c. per lb. If by mail, add 15c. per pound for postage. Use in the same way as Paris Green.

Tobacco Dust.—For cabbage worms, caterpillars, etc. Per lb. 5c; 25 lbs. 65c; 100 lbs. \$2.00. Special price in barrel lots.

Stott's Killmright.—A non-poisonous insecticide that has the widest range of action, is the safest of all insecticides. It is effective in destroying and preventing both mildew and insects. Especially useful to greenhouse-men. Also for general use out-of-doors. Hop lice, caterpillars of all kinds, red spider, mealy bug, ants, ground worms, in fact all soft insects being destroyed by it. It is a good disinfectant, and recommended for washing horses and cattle; also to destroy and prevent lice in fowls. Price, 2 lb. can, 75c; 5 lb. can, \$1.50; 10 lb. can, \$2.75; 20 lb. can, \$5.00.

Fir Tree Oil Soap.—To all interested in the production of fruit and flowers the effectiveness of Fir Tree Oil, as an insecticide, is well known, and we recommend it as the most satisfactory yet produced. In ¼ pound tins 25c. each. 1 oz. makes one gallon,





Powell's Copperdine.

For Black Rot, Downy Mildew, and Anthracnose of the grape, Pear Leaf Blight, Pear Scab, Apple Scab, Powdery Mildew, Celery Carnation and Violet Rust.

Quart Jugs, - each, \$.50
 1 Gallon Jugs, - " 1.50
 5 Gallon Cans, - " 6.25
 50 Gallon Barrels, per gal. 1.00



Powell's Quassaine.

This is a concentrated fluid extract of Quassia, held in suspension by whale oil soap. Adopted and officially recommended by the state Horticultural Board, of Washington, as a cheap and reliable non-poisonous Insecticide for Hop Lice, Aphis and all Scale Insects. Nothing better for rose bushes and house plants.

Quart 50 cts. 1 Gal. \$1.50 2 Gal. \$2.50



Powell's Guicide Powder.

For Potato Blight, Potato Rot, Grape Vine Flea Beetle, Potato Bugs, Pear and Cherry Slugs, Codling Moths, Curculio and Strawberry Crown Borers. Can be used either dry or in solution.

1 lb. 12 cts. 5 lbs. 50 cts. 25 lbs. \$2.00

Powell's Bordeaux Mixture.

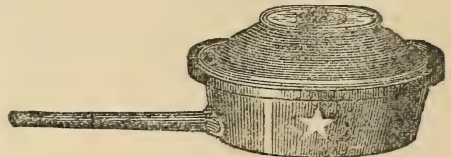
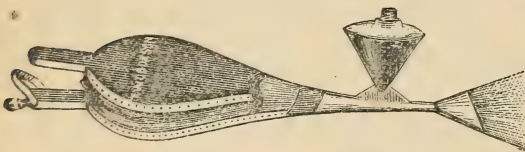
For Black Rot, Downy Mildew and Anthracnose of Grape, Potato Blight, Potato Rot, Leaf Blight of Cherry Pear, Quince, and other Fungus diseases.

5 lb package, (12 gals. wash,) - \$.35
 20 " " 50 " " - 1.00

Blue Vitriol.—Now very extensively used in spraying grapevines, in large vineyards and orchards. Price from 6 to 10 cents per pound, according to quantity.

Linseed or Oil Cake Meal.—Genuine old process. Experienced feeders claim it to be the most profitable food for Beef-Cattle, Cows, Horses, Sheep, Hogs, Fowls, etc. Keeps stock in healthy condition. Makes fine, palatable meats—more tender and juicy. A wonderful food for milch cows—increased quantity and quality of milk, butter and cheese. A double gain in rich manure that is left. Oil Cake Meal, like cooked food, is easily digested and shows good results. Prices subject to change. Price, per 100 lb. bag, \$1.50; per ton, \$25.00. No charge for bags. *Royal Stock Food* for Horses, Cattle, Hogs, Sheep and Poultry. Subject to change of price without notice.

PATENT POWDER GUNS.



Insect Powder Guns.—The most popular in the market, with screw cap, in place of cork, which allows a larger opening for filling with powder. We have several sizes. Price, 10c., 15c., 20c., 25c., each. Per dozen, 80c., \$1.00, \$1.25, \$2.00. These are the best. They will last a lifetime. Never fail to completely destroy Bedbugs, Roaches, Moths, Mosquitoes, Flies, Fleas on Dogs, Lice on Birds, Animals, Plants, etc. Being strong, it blows the powder well behind the woodwork, and in the cracks where the insects breed; in houses, hotels, steamers, sailing vessels, sleeping cars, camps, henneries, greenhouses, hospitals, schools' jails, police-stations, asylums, poorhouses, etc.

Bellows of different sizes, with patent Powder receivers which cannot choke up; also Vaporizing Bellows, 12, 16, 24, 30 inch. Price, 75c., \$1.00, \$1.25, \$1.50, \$2.00.



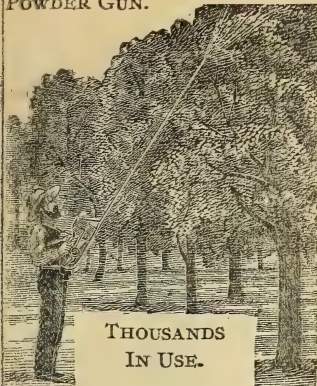
Scollay's Rubber Sprinkler.

Indispensable for Floral work and Window Gardening; invaluable when once tried. Very useful for dampening clothes or sprinkling in any way. Beware of imitations, as this is the best. Price, \$1.00. Same style, medium, 60c; small, 50c.



Scollay Putty Bulbs, for Glazing. A pressure with the hand ejects the putty along the sash bars. Price, \$1.00 each; by mail, \$1.10.

LEGGETT'S PARIS GREEN OR DRY POWDER GUN.



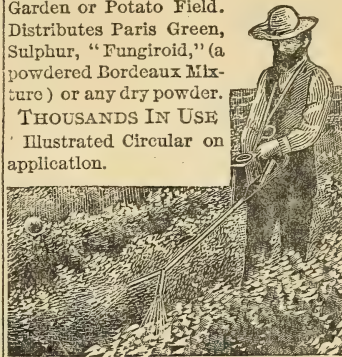
For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungicide," (a powdered Bordeaux Mixture) or any dry powder.

THOUSANDS IN USE.

Illustrated Circular on application.

LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungicide," (a powdered Bordeaux Mixture) or any dry powder. THOUSANDS IN USE. Illustrated Circular on application.



A Wonderful Invention Light, Swift, Easy, Safe, Strong and Cheap.

Giving full information as to the mixtures, and cost of different Powder, etc. The price of his Gun complete, with four extra tubes, five nozzles, oil can, two straps, as illustrated, is \$7.00.

SPRAYING PUMPS AND OUTFITS.

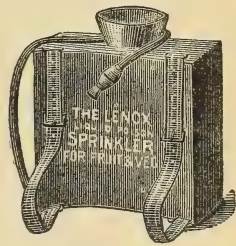
Spraying Fruit Trees by Hand and Horse Power. Spraying is no longer an Experiment, but a Science and a necessity to secure a Crop of Fruit.

THE LENOX SPRAYER!

The Only Machine on the Market that will Spray UP or DOWN!

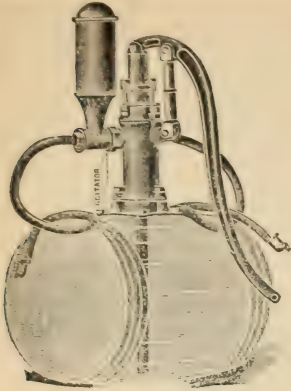


You can spray vegetables growing low or high from the ground. Our Bulb with Patent Combination Valve does it all, simply by turning the nozzle in direction you wish to spray. Press your thumb you get your spray. Release the pressure and you stop the spray. To spray vines and trees, point nozzle upwards. You will reach fifteen feet high,



Weight, full, 50 pounds. The straps are provided with buckles and are adjustable to fit a boy or man of any size. It is also provided with a fine strainer cloth at the top where the liquid enters, to prevent leaves or dirt from getting into the Sprayer, thus, impossible to clog up the nozzle. A man with one of these Sprayers will only use one-half the Paris Green that is required by the whisk-broom or any other method, the spray being a mere mist. No waste whatever. No burning of the vines by large drops. You will only require to take out one barrel of water to the field instead of four by any other method. The most economical and perfect working apparatus on the market. It pays for itself by very little use. Capacity 24 quarts. Warranted with reasonable care for 4 years. Price, \$4.00.

We have in stock different kinds of the latest improved Spraying Pumps and Outfits. Our prices are lower than ever known and will be pleased to submit prices and mail special circulars, giving more full description and information to all who may favor us with their application. The following is a partial list of our outfits.



OUTFIT B.

Outfit B.—Spray Pump with 2½ ft. 1 in. iron suction pipe with brass strainer and two leads 10 ft. each, ½ in. discharge hose with Masson (or other) spray nozzle. Price, \$9.00.

Maud S.—Double acting Spray Pump, as used in a barrel. Price of Pump, with five feet of hose and spray nozzle, \$8.00.

Standard.—Double acting Spraying Pumps. \$7.00.

Pumps with barrel carts only, \$10.00 to \$15.00.

Complete with barrel, \$13.00 to \$18.00.

They also can be mounted on wagons and plank sleds at a very trifling expense and trouble.

We can guarantee these outfits to give good satisfaction. Special circular, giving fuller information and directions, upon application.



The Philipps Power Sprayer.

THE HORSE DOES THE WORK.

ESPECIALLY DESIGNED FOR SPRAYING NURSERY STOCK, GRAPE VINEYARDS AND POTATO FIELDS.

REQUIRES A TRACK ONLY TWO FEET WIDE.

This machine has a heavy hard wood frame, and tank holding 50 gallons; has strong iron wheels, 3 feet 2 inch diameter, 3 inches wide.

Price—Piped for Vineyard Spraying, with thills for one horse, with four

Vermorel Nozzles \$60 00

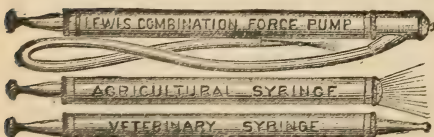
Price—Piped for Spraying Potatoes, with pole for two horses, with three

Vermorel Nozzles 70 00

Two 10 foot sections of hose and two Vermorel Nozzles for orchards. We sold several of them and they have all given the highest satisfaction. For more full explanation of the machine, ask for special circular of same.

Lewis's Improved Combination Force Pumps.

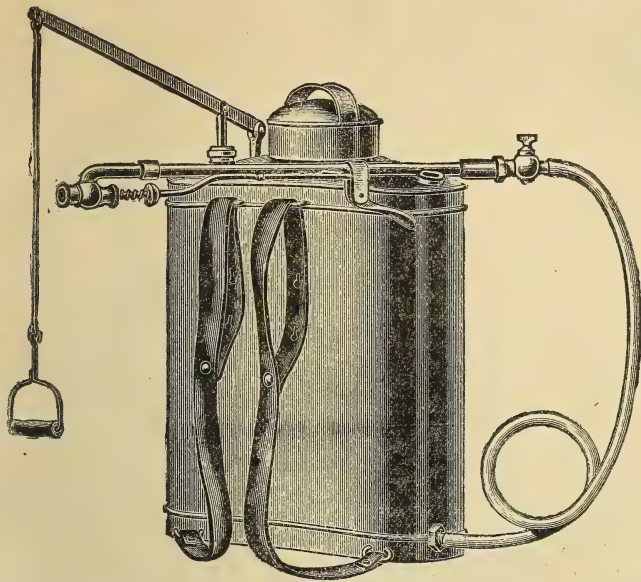
SINGLE AND COMBINED IN SETS.



Three complete machines. Best first-class Hand Force Pumps in the World. Fitted with Lewis's Patent Expansion Rubber Valve for putting poisonous liquids on potato vines, but would recommend the double cupped leather valve for trees, flours and greenhouse use. Far the best low-priced Syringe in the market. Price, for zinc syringe, \$1.25; all brass syringe, \$1.50; combination set, \$4.50. Call or write for circular.

Philipps "Handy" Knapsack Spray Pump.

FOR ORCHARD, VINEYARD OR FIELD SERVICE.



This cut represents a new and improved Knapsack Spray Pump which we have designed and which experience will, we feel confident, prove to be the best Pump of this character upon the market. The Pump itself is made entirely of brass and copper, with rubber ball valves and metal plunger, all of which are easily accessible and can be, therefore, readily examined and repaired. It is so arranged and stayed in the reservoir that it is capable of doing long and continuous service and will not easily get out of order.

The discharge is at the bottom, and the Pump can

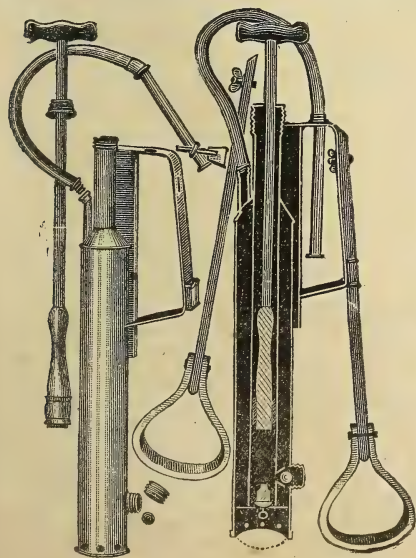
therefore be entirely drained of the liquid. We can arrange Pump in the reservoir to be operated by either the right or left hand as desired, although we shall make them locating the Pump to be operated by the right hand, unless ordered otherwise.

The reservoir is made of heavy copper, and will hold about five gallons of liquid, although we can make them larger if desired, at an extra price.

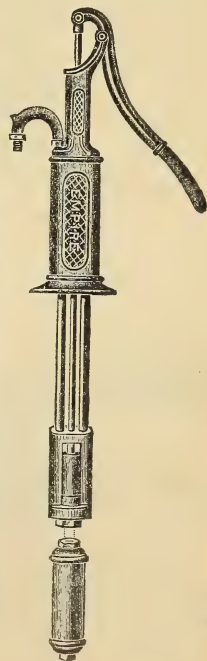
"Handy" Knapsack Sprayer, complete as shown in cut, with 3½ feet of ¾ inch Discharge Hose, Vermorel Nozzle and Lance for a Degorger \$12.00.

improved Lawn Pump and Fire Extinguisher.

This is the best Pump for the money on earth. Every farmer, gardener, liveryman, storekeeper and family ought to have one. Price, \$1.50.



Empire Double-Acting Well Force Pump.—For shallow or deep wells, open driven or drilled. We can furnish these Pumps for deep or shallow wells with common top or windmill top, as wanted. Universal bushing, adapting Pumps for shallow or deep wells, strainer and hose connection go with each Pump and are included in prices given here. Three-way cock and connecting-rod also furnished if wanted, so you will have to acknowledge this Pump to be the most complete Pump ever offered for sale. Pump complete with brass lined cylinder (shallow or deep well), \$9.00; extra for brass body cylinder, \$1.50; extra for windmill top, 50c; extra for three-way cock, \$1.50. This makes it the best and cheapest Windmill Pump in the world.



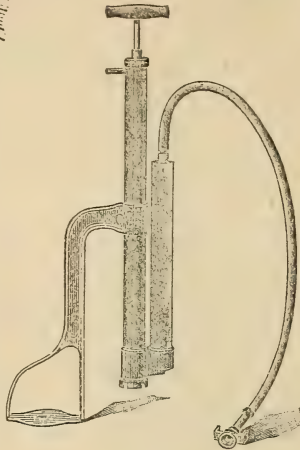
DOUBLE ACTING SPRAYING FORCE PUMPS:



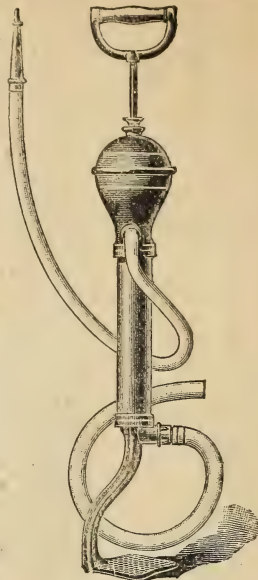
STANDARD

draw water or other liquids from a pail or other source, even 20 or more feet off. A perfect miniature fire engine of brass and malleable iron. Serviceable for house, garden, orchard,

Aquaject Portable Hand Force Pumps.—The easiest and most powerful Garden Force Pumps ever produced. Fitted with suction hose to



NO. 1.



AQUAJECT.

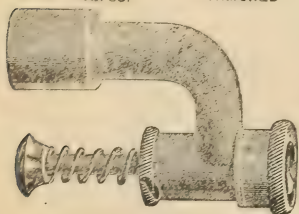
washing buggies, etc. With suction and discharge hose, brass discharge pipe and sprayer and agitator. Price, complete, \$4.50.

Standard Bucket Automatic Brass Spray Pump and Fire Extinguisher with Agitator.—This Spray Pump is constructed with a Brass Coil Spring between the cylinder and air chamber, which causes the plunger to move upward, doing the pumping and holding the cylinder down. The forcing is done on the downward stroke of plunger, thereby the Pump is held down firmly and steady while in operation, without the means of foot-rest or clamp to hold it in position. The entire Pump, including Air Chamber, Piston Rod and working parts are constructed of brass; has a rubber suction and lift valve, all of which is not affected by the poisonous arsenites used in the different formulas for spraying Fruit Trees, Vines and Shrubby. Is equipped with combination spray nozzle; will throw a spray as fine as mist or coarse as is required. It has a large air chamber and reservoir; throws a continuous even spray all the time, with but little effort on the part of operator. It will throw a solid stream fifty feet. Price, with half-inch 3-ply hose, fitted complete with combination fine spray and solid stream nozzles, \$3.50. An 8-foot pipe extension is necessary to spray large trees, 50c. extra.

No. 1, Brass Portable Spray Pump.—No. 1 represents our new Brass Portable Spray Pump equipped with "Calla" spray nozzle. This Pump sets in bucket, requiring no suction hose. It will be noticed that this Pump is provided with Agitator, especially adapting it for spraying. We furnish discharge hose, etc. Price, with 3½ feet ½ inch discharge hose and "Calla" spray nozzle, \$4.00.

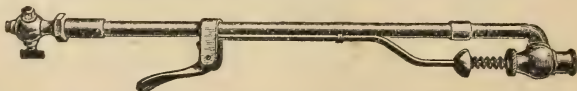
FIG. 59.

"VERMOREL"



"Vermorel" Nozzle, with Degorger.

This Nozzle is arranged with a stuffing-box, so liquid will not wet operator while being used. Price, without Lance, \$1.00.



"Vermorel" Nozzle, with Lance, same as above, 18. inches long, with lever, specially used with Knapsack Sprayer. Price, \$2.00.

We carry in stock a full line of Wood and Iron, also Combined Lift and Force Pumps of all sizes; Well Carbing Fixtures, Galvanized Chain, Rubber Buckets, Iron Pipe, Wood Tubing, Garden Engines. All of these goods sold at the very lowest price. Circulars and prices mailed on application.

Gardening and Horticultural Tools.

A full line, of which we will mention the following:

Butter Workers.....	\$3 50 to \$20 00
Floral Tools, for ladies, per set.....	3 ⁰ to 2 00
Forks—Digging and Spading, Hay or Stable.....	50 to 1 50
Forks—Manure and Short Handled.....	30 to 1 25
Garden Lines—Finest.....	50 to 75
Grafting Wax, in $\frac{1}{4}$, $\frac{1}{2}$ and 1 lb. packages, per lb.....	30
Grass Hooks, each.....	25 to 50
Grass Edging Knives.....	50 to 1 00
Hoes—a full line.....	25 to 1 00
Rollers, Garden and Field.....	9 0 to 50 00
Scythes—Brush; short blade.....	75 to 1 25
Scythes—English and American. Lawn, Grass and Grain, cast steel—in sizes,	75 to 2 50
Scythe Stones, different kinds, 75c. per dozen; each.....	10
Saws—Pruning and Grafting.....	60 to 1 50
Transplanting Trowels.....	15 to 50



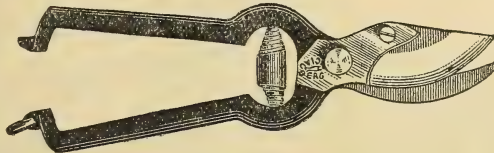
Weeders—Lang s, Noyes and other makes. Price, 25c.



Greenhouse Syringes, \$1.25 to \$6.50.



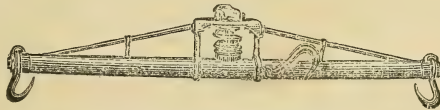
Price, \$1.00 to \$2 00.



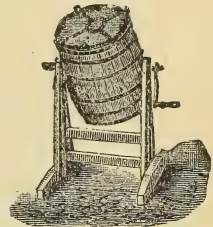
Pruning Shears, Solid Steel, improved Springs and others, 50 cents up to \$1.00 each.



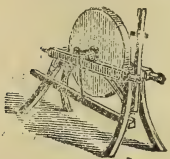
15c.



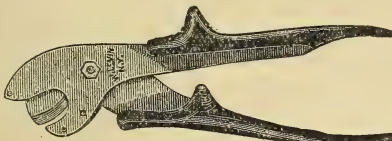
The Wilson Spring Whiffletree. Price, pair, \$1.40, \$1.65, \$1 75.



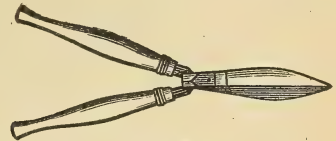
Churns—Batcheller, Union, Blanchard, all sizes.



Grindstones, mounted and others, fine Lake Huron, all sizes.



The Levin Pruner.—Ask to see it Strongest Hand Shear extant. The tool will speak for itself. Is light, a giant in strength. Best Pruner ever introduced. Price, No. 1, \$1.00; No. 2, \$1.25.

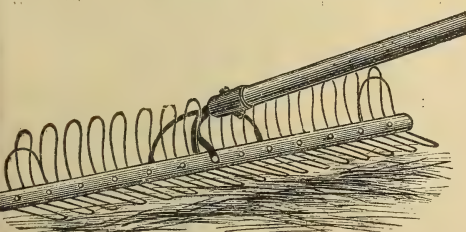


Hedge Shears, best Eng 8, 9 and 10 inch.

HOSE, RUBBER.—Three-fold, extra heavy. We have sold a large quantity of this grade, and it has given general satisfaction. Very durable and best for general use. We keep it in lengths of 25 and 50 feet and these we do not cut. Price, $\frac{3}{4}$ inch (including couplings), per 25 feet, \$4.00; 50 feet, \$7.00; 100 feet, \$13.00.

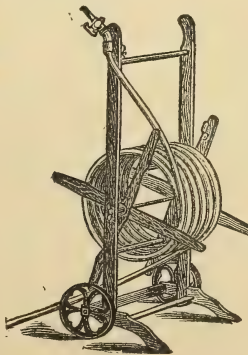
HOSE REEL.—“The Success.” Price, with capacity for 100 feet $\frac{3}{4}$ inch hose, \$1 50; Reel for 200 feet hose, \$3 50.

HOSE NOZZLE, “GEM.”—New, throwing all variations, from fine spray to stream. Price, 50c., 70c., \$1.00.



LAWN RAKES.

Different kinds of the best make, wire, steel and wooden Lawn Rakes at 15c., 50c., 75c. and \$1.00 each.





Transplanting Dibbles, 40c.



Hotbed Cloth.



Mole Traps (Olmsted.)

Price, \$1.75.

Protecting Cloth, specially prepared, to prevent m'edding and rotting, valuable for forwarding and protecting early plants from frosts, covering h'beds and frames in Spring in lieu of glass, and for throwing over bedding plants at night in Fall, for Chry-anthemum houses, etc., at one-tenth the cost of glass. Pieces contain from 40 to 60 yards. Heavy grade, per yard, 11c., by piece, per yard, 10c. Medium grade, best for general purposes, per yard, 10c.; by piece, per yard, 9c.

Haying Machinery and Tools.

The Jaynesville Hay Tool Co., Dead Lock Reversible Hay Carrier. Sole agency.

THE BOSS. The lightest and strongest made Reversible Carrier, for wood track. This Carrier is used more extensively throughout the U. S. than any other Carrier made. It is made entirely of malleable iron. Strickler's new Reversible Dead Lock and Swivel Steel Track, Hay Carrier, the strongest and most durable of any in use, cannot break, is made of steel and malleable iron. Price, single one, \$4 00.

HAY FORKS AND GRAPPLERS. The improved Harris double Harpoon, Nellis' single, Walker's single, and Hay, Straw and Bag Slings. Price on application.

Fixtures.

Steel Track and Couplings, Pulleys of all kinds, Hanger Hooks, Floor Hooks, Rafter Brackets and irons, Steel Grapplers, Rope Hitchers Rope.

Janesville new Hay Slings, complete, with Carrier. With these a wagon load of hay, straw or grain can be unloaded and elevated in a few minutes. Will furnish illustrated circulars, showing the tools, directions for putting up, full information of their working, and rock bottom price.

Hay Loaders, Hay Tedders, Hay Rakes.

Rock Island, Improved Hay Loader.....	\$ 55 00
Advance, 6 Fork Hay Tedder, for one or two horses.....	25 00
Advance, 8 Fork Hay Tedder, for one or two horses.....	30 00
Advance, Improved Horse Hay Rake.....	14 00
Veteran, Improved Self-Dump Horse Hay Rake.....	20 00

Baling Presses.

Empire Hand Presses, for Baling Hay, Straw, Paper, Rags, Wool, Corn Husks, Hair, Tobacco, Cotton, and for general purposes.....	\$ 85 00
Empire Improved Wool Press.....	150 00
Dederick, Hand, Horse and Steam Power, Hay and Straw Presses.....	100 00

And upwards. Write us if in want of a Baling Press of any kind, and we will mail you descriptive circular and lowest price.

Threshers and Clover Hullers.

Our arrangements with the Aultman & Taylor Machinery Co. and Birdsell Manufacturing Co. are such that we can make any one in want of a good Threshing Outfit, and the best Clover Huller, rock bottom price.

Steam Engines, Boilers and Saw Mills.

We have the agency for the following celebrated: Frick Company's Eclipse Traction Portable and Stationary Engines, Saw Mills and Boilers; James Leffell & Co. Steam Engines and Boilers, and we can make you low figures for anything in this line.

Feed Mills and Crushers.

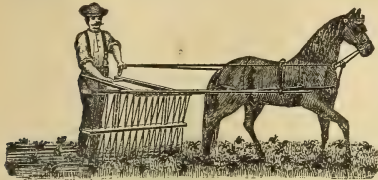
The Kelley Duplex Feed Mills, all sizes.....	\$35 00 to \$ 75 00
The Nonpareil Feed Mills, all sizes.....	40 00 to 200 00
The Champion Combined Feed Mill and Corn Sheller.....	45 00 to 65 00

French Burr Stone Mills and Crushers, with ball bearings. Special prices on application.

All the before named Mills will Crush and Grind Corn on the Ear into fine Meal, also any kind of grain, separate or mixed. Descriptive circulars, giving full information and prices of same, upon application.

Lever and Tread Horse Powers.

The Improved Champion Lever Horse Power, also Heebner's Tread Powers, and guarantee them to be the best in the market. At bottom prices.



Breed's Universal Weeder and Cultivator.

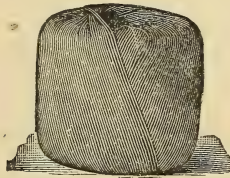
Of the latest improved style. This machine has introduced itself on its merits and proven to be the most important tool on farm and garden. Every farmer will have one as soon as he finds out what they will do. Should be used early and often. Price, \$8.00; with removable tooth, \$10 00. Special circular, giving fuller information and directions, on application.

BINDER TWINES AND ROPE.

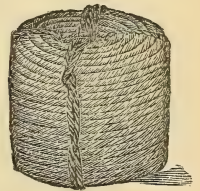
(QUALITY GUARANTEED.)



PURE MANILA.



STANDARD MANILA.



PURE SISAL.

Pure Manila runs 650 feet to lbs.; Manila, not pure, runs 625 feet to lbs.; Standard Manila, mixed with New Zealand color, same as Manila, but fibre not so good, sold by many as Manila, 600 feet to lbs. Pure Sisal, natural color, 500 feet to lbs.

American and Russian Hemp, also Jute Binder Twine of best quality at rock bottom prices.

Manila Rope, 1, 7/8, 3/4, 5/8, 1/2, 1/4 inch. | Sisal Rope, 1, 7/8, 3/4, 5/8, 1/2, 1/4, 3-16 inch.

Our Twine and Rope are of unequalled make, and prices as low as first quality Twines can be sold by any reliable business firm in this country. Samples and prices (naming amount wanted), upon application.

HATCH CHICKENS BY STEAM.

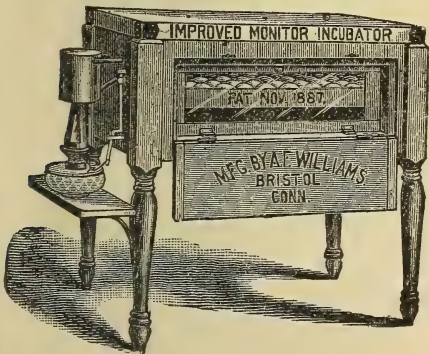
The Improved Monitor Incubators.

Absolutely self-regulating, the simplest and most reliable. We unhesitatingly recommend these to all who are in want of a first-class Incubator.

50 Egg, \$20.00; 100 Egg, \$25.00; 150 Egg, \$30.00; 200 Egg, \$35.00; 300 Egg, \$45.00.

BROODERS from \$6.50 to \$15.00, as to size and construction.

We can furnish the Bristol and other make No. 1 Incubators at from 10 to 25 per cent. less if so desired. Catalogue and circulars giving full description, on application.



Flower Pots, all Sizes.

We are enabled to furnish any size of first-class Flower Pots. If in want of any, kindly state quantity and size of Pots, when we will mail you list and lowest prices.

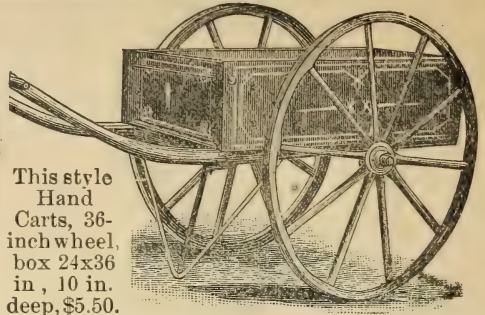
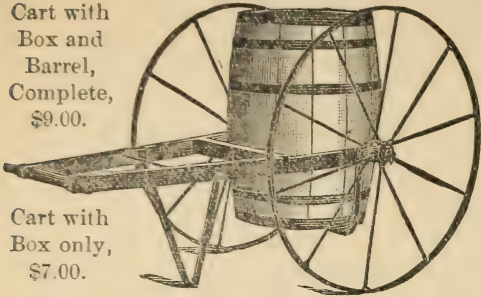
DYNAMITE.

We are in position to execute promptly any order for Dynamite, entrusted to us, at prices as per strength and percentage of nitro-glycerine therein, from 16 cents up to 32 cents per pound. We can furnish Caps, double and triple strength; Cotton Fuse, Single and Double Tape Fuse, etc. Also regular Black Blasting Powder. Descriptive catalogue and prices mailed upon application.

HAND AND BARREL CARTS.

Cart with
Box and
Barrel,
Complete,
\$9.00.

Cart with
Box only,
\$7.00.



This style
Hand
Carts, 36-
inch wheel,
box 24x36
in., 10 in.
deep, \$5.50.

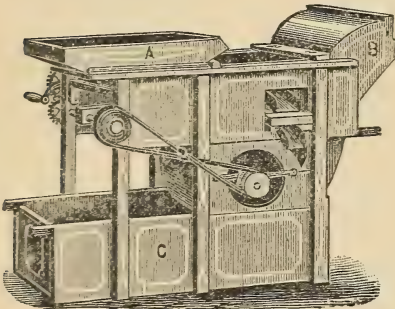
Hand Carts with removable end board, \$6.00. Larger sizes at 7.00 to \$10 00.

Barrel Cart can be used with barrel, box, basket or rack. Any ordinary water barrel will fit. The axle is cranked, on which the barrel rests, and the barrel is held upright and in position by the bent frame, used also as a handle, or shafts. The barrel can be taken out and put in without any trouble, and a box substituted.

We furnish a box 2x3½ feet, full measurement inside, nicely painted and finished, that will be of great service in handling articles.

The wheels are of iron, with cast iron hub; renewable box; ten steel spokes; wrought iron rim, and forty inches high. The whole is nicely painted and presents a neat appearance; in short, it is the best and most useful article of its kind on the market.

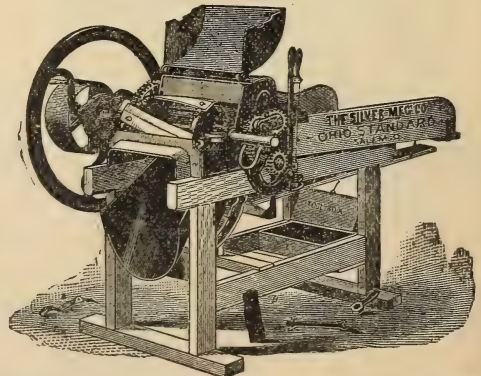
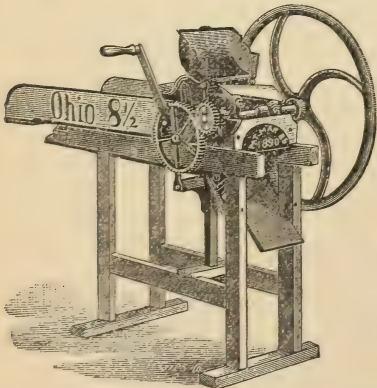
FANNING MILLS.



The Improved CLIPPER, No. 1 Hand Grain and Seed Mill, and Nos. 2 and 5 WAREHOUSE SEED MILLS, acknowledged by all to be the most complete grain and seed cleaners ever invented, and no farmer or merchant who raises and is handling and dealing in seeds can do without this celebrated Mill and Separator. We sell them at manufacturers' prices. Call and see, or write for circulars and prices.

The No. 1 Clipper Mill is especially recommended to farmers, as it is the only mill that will separate oats, barley, rye, etc., from wheat, and grade the wheat as it is wanted for market and seeding, as well as cleaning thoroughly clover, timothy, and other seeds, of all noxious and foul seed.

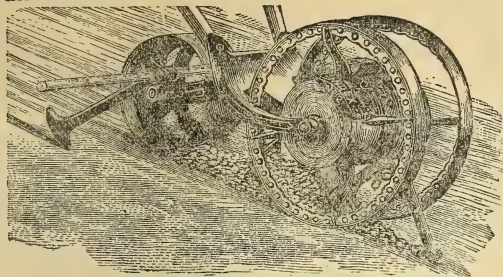
FEED CUTTING BOXES.



We have the largest assortment and best selected stock of Feed Cutters of any concern in the State. We have a full line of the celebrated SWISS FEED CUTTERS and the famous OHIO, Ensilage and Feed Cutters, also the Improved CUMMINGS Feed Cutters, with Carriers for elevating Ensilage and Dry Fodder, for all large sizes when wanted. Our prices are low. We have Cutters for Hand and Power, from \$4.00 and upwards to \$75.00. Call or write for special circulars and prices.

THE PLANET JR. HORSE AND HAND IMPLEMENTS.

These are the most popular and satisfactory tools made for garden and field use. We can show but a portion of them and only partially describe them here, but we shall be glad to send our *Special Planet Jr. Catalogue*, containing full description and fifty illustrations, free to all who will write for it.



"PLANET JR." No. 2 Hand Seed Drill.

This Standard Drill holds two and a-half quarts. It sows all garden seeds in a continuous row, accurately, any desired thickness or depth. It opens, drops, covers and rolls down and marks the next row, all at one time, in the most perfect and reliable manner. Its construction is simple, it runs easily, and its sowing devices are in no way dangerous to the vitality of the seed. It will sow a single thimbleful of fine seed with regularity for a hundred feet, and will work five pounds with the same perfection. The

continual revolution of the hopper keeps the seed in a loose condition, and makes the sowing of Carrot, Parsnip, Beet, Salsify, etc., easy and satisfactory. The plow is directly between the wheels, and therefore opens the furrow at a perfectly regular depth, and the covering is also very accurate. Our net price, \$6.50. (Manufacturers' price, \$9.00). Weight, packed, 40 lbs. We furnish special plow for sowing Onion Seed for Sets, price 50c.

"PLANET JR." SEED DRILL.

COMBINED WITH WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

As a Seed Drill it is exactly the same as the No. 2, described above, except in size; it holds one quart. The tools sent with each machine are shown in the cut. As a cultivating and hoeing implement, it does practically the same range of work as the "Double-wheel Hoe."

Taken as a whole, this combined tool is the nearest approach to perfection for the use of a gardener that can well be devised.

Planet Jr. "Hill Dropping" Hand Seed Drill Combined with Fertilizer Attachment.



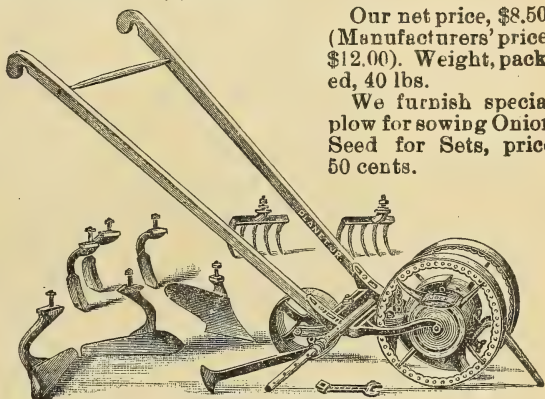
row, all at one operation. It sows equally well in any soil, on level or on ridges; can be thrown in or out of gear instantly, so discharge of seed can be stopped at the end of row.

Sowing in hills uses much less seed, saves much thinning out and insures more vigorous plants at even distance. Weight, 44 lbs. Our net price, \$9.00. (Manufacturers' price, \$12.00).

We have an extra attachment for sowing Onion Seed for Sets, distributing the seed 4 inches wide. Price, 50c.

PLANET JR. "HILL DROPPING" HAND SEED DRILL COMBINED WITH FERTILIZER ATTACHMENT.

The seed-sowing arrangement of this drill is exactly the same as the one described above, with a fertilizer attachment in addition. The fertilizer hopper holds one peck; the machine will sow either seed or fertilizer alone, or both at one time, as desired; it will sow fertilizer either above or below the seed, and the quantity can be accurately gaged by dials—the discharge of either or both may be stopped or started instantly, separately or together. Weight, packed, 48 lbs. Our net price, \$14.00. (Manufacturers' price, \$18.00.)



Our net price, \$8.50. (Manufacturers' price, \$12.00). Weight, packed, 40 lbs.

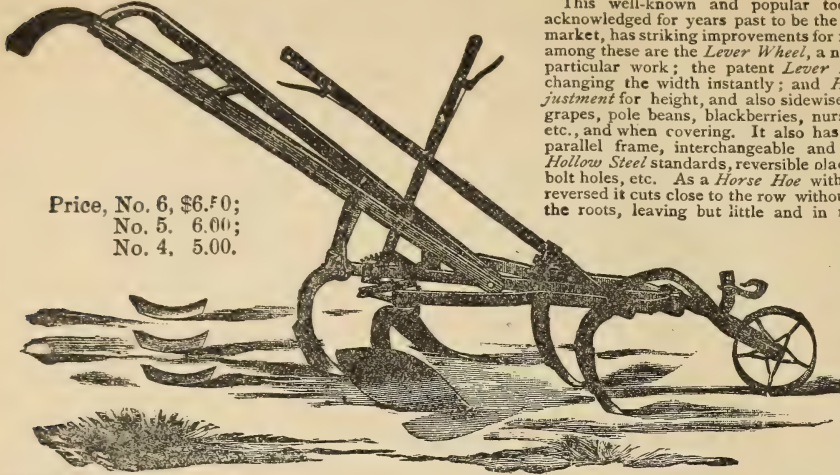
We furnish special plow for sowing Onion Seed for Sets, price 50 cents.

The PLANET JR. "Hill Dropping" Hand Seed Drill.

Sows either in Hills or in a Continuous Row.

This splendid new machine holds two quarts of seed and sows it with great regularity, whether full or nearly empty, at any depth from 1/2 to 2 inches. It will sow any kind of seed, whether as fine as Celery or as coarse as Beans, either in hills, 4, 6, 8 or 12 inches apart, or in a continuous drill, and is easily changed in a moment from one to the other. It opens the drill, sows the seed, covers it, rolls it and marks the next

The Planet Jr. No. 6 Combined Horse Hoe and Cultivator.



Price, No. 6, \$6.50;
No. 5, 6.00;
No. 4, 5.00.

This well-known and popular tool, though acknowledged for years past to be the best in the market, has striking improvements for 1892. Chief among these are the *Lever Wheel*, a necessity for particular work; the *Lever Expander*, changing the width instantly; and *Handle Adjustment* for height, and also sidewise for use in grapes, pole beans, blackberries, nursery stock, etc., and when covering. It also has the patent parallel frame, interchangeable and adjustable *Hollow Steel* standards, reversible blades, sleeved bolt holes, etc. As a *Horse Hoe* with side teeth reversed it cuts close to the row without injury to the roots, leaving but little and in many cases

nothing for the hand hoe. As a *Cultivator*, the reversible teeth cut off and turn over the weeds in the most perfect style. As a *Hiller*, the side teeth work in

combination with the rear shovel with perfection.

For these machines, full description of which will be mailed on application.

THE NO. 5 "PLANET JR." HORSE HOE is exactly the same as above described except that it has the ordinary wheels instead of the lever wheel.

THE NO. 4 "PLANET JR." HORSE HOE is exactly the same as the No. 5 except that it has not the lever attachment for opening and closing the tool.

We can supply a large variety of attachments

This tool is the best for all who raise onions or garden vegetables on an extensive scale. It does the work of six to ten men with ordinary hand hoes. It can be used to straddle the row, or between rows, as desired. It has all the attachments shown in cut. The Rakes level the ground for planting, gather stones and trash, cultivate, cover seeds, etc. The Hoes cut loose and clean, killing everything they meet, leaving the ground level. The Cultivator teeth mellow the soil deep or shallow, and are useful for marking out. The Plows lay out deep furrows and cover them, hill up or plow away, as desired. The Leaf Guards allow cultivation of large plants, such as beets, carrots, parsnips, beans and peas. No vegetable grower can afford to be without it. It will do the work of six men with ordinary hand hoes.

PLAIN DOUBLE WHEEL HOE.—To meet a demand from some sections, the "Planet Jr." Double Wheel Hoe will be offered with only one pair of Hoes and without leaf guards, as the "Planet Jr." Plain Double Wheel Hoe, at This makes a very effective and cheap tool for parties who have limited work or chiefly hoeing.

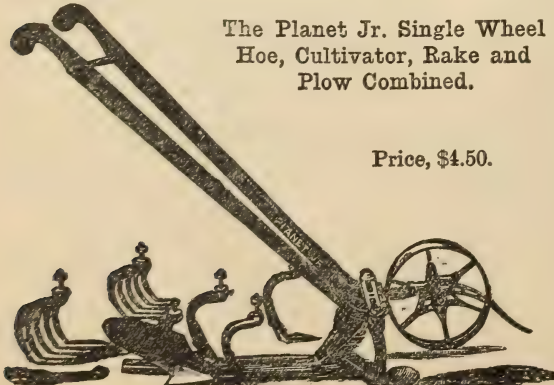
The Planet Jr. Double Wheel Hoe, Cultivator, Rake and Plow.

Price, \$6.00.



The Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow Combined.

Price, \$4.50.



This tool combines lightness, great strength, variety and adjustability of tools. It has all the tools shown in the cut. It is pronounced by practical men without an equal in design and finish, ease of operation, variety of adjustment and perfection of work.

The form of the Hoes insures a forward slanting cut next to the plant, and consequent close work *without danger*, and at the same time thorough *cultivation of the soil*. The Rakes and Cultivator teeth, in combination with the Hoes and Plow, enable the operator to perform almost every variety of work, either in field or garden. A Leaf Guard (detachable) is very useful in late hoeing. All rows from 6 to 18 inches apart can be perfectly hoed at one passage. The frame allows every desirable adjustment, is quickly raised or lowered to regulate depth, and the wheel can be attached centrally or at one side of the machine, giving the operator the important advantage of hoeing both sides of the row at one passage when desired.

PLANET JR. TOOLS.

Call and see or send for our Special Planet Jr. Catalogue, fully describing and illustrating a large variety of hand and horse power implements, superior to any other make in the world.

Price List of Planet Jr. Implements.

	List.	Net.
No. 2 Hand Seed Drill.....	\$ 9 00	\$ 6 50
Com'ined Drill Wheel Hoe		
Cultivator, Rake and Plow, 12 00	12 00	8 50
Hill Dropping Garden Drill, 12 00	12 00	9 00
Combined Hill Dropping and Fertilizer Drill.....	18 00	14 00
Double wheel Hoe Cultivator, Rake and Plow, combined, 8 00	8 00	6 00
Double-wheel Hoe, plain; one for hoes only.....	4 50	4 00



	List.	Net.
Single-wheel Hoe, complete, \$6 00	\$6 00	\$4 50
The Firefly Wheel Garden Plow	2 50	2 00
The Firefly Single-wheel Hoe, Cultivator and Plow.....	5 00	3 75
The Planet Jr. Grass Edger, extra heavy	6 00	4 50
The Planet Jr. Grass Edger, light.....	4 00	3 00

PLANET JR. HORSE IMPLEMENTS.

	List.	Net.
No. 6 Horse Hoe and Cultivator, combined; all steel, 2 levers and wheel 4 tools in one	\$12 00	\$6 50
No. 5 Horse Hoe (all steel) and Cultivator, combined; with wheel; 1 lever.....	11 25	6 00
No. 4 Horse Hoe (all steel) and Cultivator, combined; with wheel; without lever, 10 25	10 25	5 00
The Planet Jr. No. 5, all steel Plain Cultivator, with wheel	8 00	5 00
Without wheel	7 00	4 25
The Planet Jr. No. 4, all steel Plain Cultivator, with wheel	7 00	4 25
Without wheel	6 00	3 50
The Planet Jr. Market Gardeners' Horse Hoe and Cultivator combined, complete, 12 50	12 50	7 00
Without Pulverizer.....	10 50	6 00

	List.	Net.
The Planet Jr. Beet Growers' Horse Hoe, complete	\$12 00	\$ 7 00
Without Pulverizer.....	10 00	5 50
The Planet Jr. Twelve-tooth Harrow, complete	12 50	7 50
With wheel	10 50	6 00
Plain	8 75	5 00
The Planet Jr. all steel Pulverizer and Leveler.....	11 00	7 00
The Planet Jr. Double Celery Hiller.....	12 00	8 50
The Planet Jr. Single Celery Hiller.....	10 00	7 00
The Planet Jr. Sweet Potato Horse Hoe	13 00	9 00
The Planet Jr. Furrower, Marker, Hiller and Ridger combined, complete.....	16 00	10 50
The Planet Jr. Nine-tooth Horse Hoe and Cultivator combined, complete; including Depth Regulators, 17 00	17 00	12 00

EXTRA ATTACHMENTS FOR PLANET JR. TOOLS.

 *Special Notice.*—Always order Plates by width. 

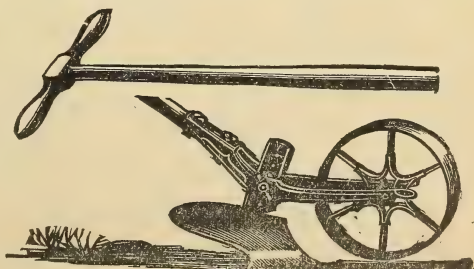
1 1/4 inch.....	each,	\$0 12
1 3/4 "	"	13
2 1/4 "	"	14
3 "	"	15
4 "	"	17
7 " shovels.....	"	40
8 "	"	50
8 " sweeps	"	35
10 "	"	40
12 "	"	45
15 "	"	50
5 " side steels.....	"	65
6 "	"	75

6 inch shoe steels.....	each,	\$0 50
10 "	"	75
10 " furrower	"	1 00
15 "	"	1 75
20 "	"	2 00
Ridging Steels	"	1 50
Roller.....	"	2 00
Rake	"	1 00
Marking Attachment	"	2 00
Pulverizer	"	2 00
Vine Lifter.....	"	1 75
Runner Attachment	"	3 00

The "Fire-Fly" Wheel Garden Plow.

This tool is intended for those who have but small gardens and a moderate amount of time to spend in them. It enables them to raise vegetables for their family or for market, with a minimum expenditure of labor and time, the latter being often the most important item to many who would be glad to grow their own vegetables if they could do it in their spare moments. The moldboard is tempered and polished steel. The depth may be changed as desired very quickly. The low price brings it within reach of all.

Price, \$2 00.



If wanted, we can furnish other make tools of similar construction, but lower grade, at less price than the Planet Jr. tools.

J. I. CASE-KEELER Seed Drill and Attachments.

Drills all kinds of Seeds in a continuous row or in hills any distance apart. Seeder is taken off machine like other attachments. Simple, accurate and cheap. Eight machines in one. Price, \$10.00. Send for descriptive catalogue, showing the different tools and prices for each.

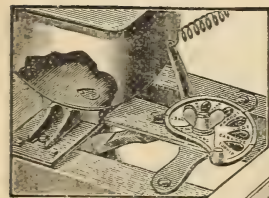


The New Model Seed Drill.

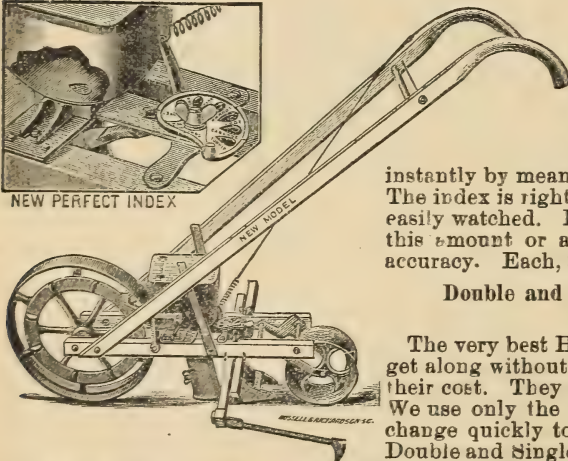
One of the best Drills made. It has many advantages over other Drills. It has an excellent marker, a broad wheel, lending ease to work the machine; a good covering roller. The flow of seed can be stopped instantly by means of a string attached to your hand. The index is right under your eye, while the hopper is easily watched. Holds two quarts of seed and will sow this amount or a paper with equal ease, rapidity and accuracy. Each, \$5.50.

Double and Single Wheel Combined Wheel Gem Cultivator.

The very best Hand Cultivator made. We would not get along without our double-wheel Gems for ten times their cost. They are gems and do the work perfectly. We use only the double-wheel machine, which we can change quickly to a single wheel if desired. Price of Double and Single Gem, \$5.00; Single Wheel Gem, \$4.25.



NEW PERFECT INDEX



The Jewel Hand Cultivator.—Has one plow, two hoes, and three cultivator teeth. Easy to work. Each, \$4.00.

Church, School and Farm Bells.

The celebrated Blymer Bells, for Churches, Academies, Schools, Court Houses Fire Alarm, Factory, and Farm. Unrivalled for sweetness, purity of tone and durability. Kindly let us know what kind, size, and tone Bell is wanted, and we will send descriptive circulars and prices. They are guaranteed for two years, and if broken at any time will replace a new Bell for one-half the price. Crystal Metal Farm Bells, Nos. 1 to 5, from \$2.00 to \$5.00 each.

Agricultural Furnaces, Caldrons and Kettles.

Agricultural Portable Furnaces and Farmers' Boilers, complete— $\frac{1}{4}$, 1, 1 $\frac{1}{2}$, 2 and 3 barrels. Also Caldrons for same.

Iron Kettles, from 5 pails up to 3 barrels, at lowest market prices.

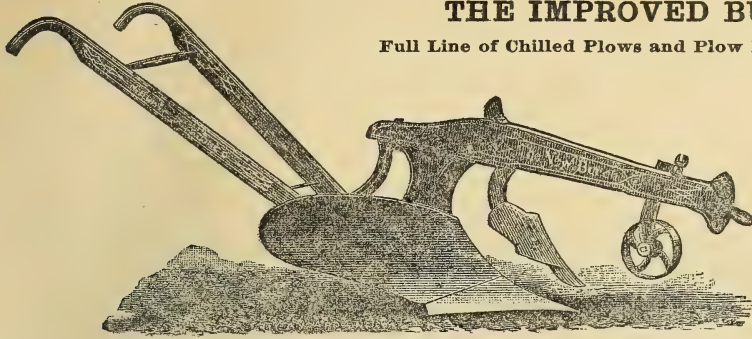
TOLEDO BURCH PLOWS.

(GREATLY IMPROVED)

Our Store is the City Depot and Salesroom for the celebrated Burch Toledo Plow Company's Steel and Chilled Iron Plows, Plow extras and repairs. We have all sizes and kinds of their make. Also have a full stock of extras and repairs.

THE IMPROVED BURCH.

Full Line of Chilled Plows and Plow Extras in Stock.

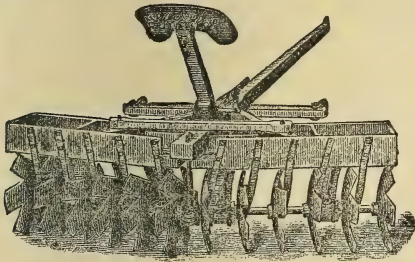


We have on hand the best assorted stock of Steel and Chilled Steel and Wood Beam Plows for general purposes. Sod, Stubble, and Breaking-up, for one or two horses, that can be found in any establishment in the State; among these

are the Burch Toledo Plows, Wilder Mfg. Co., The Dayton Champion, Collins' Cast Steel, Rock Island, Buford Steel Beam. Clipper Plows, of all sizes. Also a full line of Repairs and Points for all. We sell OUR PLOWS at rock bottom prices, and guarantee full satisfaction.

Improved Cutaway and other Harrows:

The famous CLARK'S CUTAWAY HARROW supersedes the plow and makes a perfect seed bed.



Clark's Improved Cutaway Harrow is "The Boss." It beats anything in the way of Spading and Pulverizing Harrows ever introduced. With it you can prepare your land for Oats seeding without plowing. They have no equal. We have tested them with other so-called Spading Harrows and found they were no competitors to the CUTAWAY. Hard clay or stubble made into a perfect seed bed. Has also a Seeding Attachment for sowing all kinds of grain and grass seed. We have all sizes of them, for one, two and three horses. Also Cultivators for use in corn, orchards and vegetable gardens, for fruit growers especially. No tiller of

soil can do without it. We have sold them for the last eight years and have the most flattering testimonials, and can refer to hundreds who use them. We have the exclusive agency for them in this section, and sell them at lowest manufacturer's prices. Call and see, or send for full descriptive circular and prices. Ask for special circular giving full information of their great victory over all other similar tools at the Chicago World's Fair trial.

Ellwood's Oscillating Steel Tooth Harrows.—These Harrows are with patent Steel Teeth, each tooth riveted, which prevents splitting. We have 48 tooth, cutting 8 feet; 60-tooth, cutting 10 feet; 72-tooth, cutting 12½ feet; 90-tooth, cutting 15 feet. These are all Hinge Harrows—hinge made of wrought iron. We have a Section Harrow (no hinges), with long eveners, sold by the section, twenty teeth in each section. Two sections, 40 teeth, cuts 8 feet; three sections, 60 teeth cuts 13 feet; steel teeth, riveted. These are for small gardeners. Price, from \$3.00 to \$12.00.

Improved Square-Tooth Harrows.—We have the common Square-Tooth Harrows, all sizes, prices very low.

The Acme Sulky Spring-Tooth Harrow, with end without Seeder Attachment.

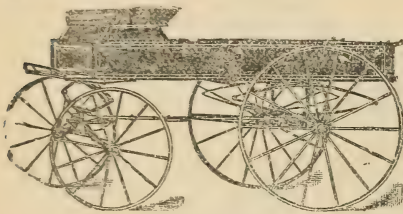
The Tiger Protection Steel Frame Floating Harrow ; The Tiger Protection Wood Frame Floating Harrow. Of different sizes.

Evans' Adjustable Steel Frame Harrows, with 50, 60, 70 and 90 Solid Steel Teeth. It is acknowledged to be the most perfect Harrow on the market.

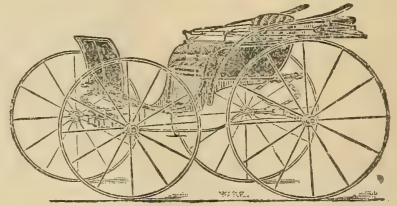
We have different makes and kinds of Lever Harrows of Steel, Iron and Wood Frames, two and three sections. Call and see, or send for descriptive circulars and prices.

Farm, Truck and Spring Wagons.

"Nothing succeeds like Success!" This is the case with having a good Wagon, which everybody wants. There is really nothing strange in this. People go where they can get the most and best for their money, and that is just what they do when they buy the Birdsell Steel Skein, Steel Tire, Farm Wagon, the Olds Self-Oilers and celebrated Milburn Farm Wagons of all sizes, from small one horse to large truck. Our Wagons possess all the good points found in others and some besides that outshine anything the rest can boast. Prominent among these are the Wrought Steel Skeins, Skeins with Oil Cups; they carry heavier loads and reduce the draft one-half. We have sold and shipped Wagons throughout the U. S., and they have given in every case the highest of satisfaction. Wherever introduced they are preferred over any others. The material used in them is the very best. We guarantee wood part being thoroughly seasoned in the natural way for 3 to 5 years before it is put into the wagon, and not kiln dried as most wagons are made. We carry a full stock of all sizes, from light one horse to heavy Truck Wagons. Prices rock bottom. Call and see or write for catalogue and prices.



Spring
Wagons,
Carriages,
Buggies,
Etc.

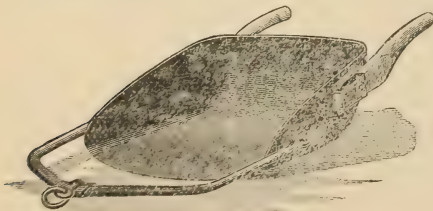


CARRIAGE REPOSITORY.

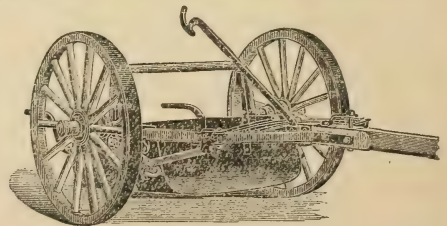
Our Wholesale and Retail Carriage Repository and Show Room, to which we devote the upper story of our double Store, 40 x 120, exclusively, is one of the most complete in the city, where you will find different styles of Surreys, with and without Canopy Tops, Extension Top Carriages, Phaetons, Buggies with Top and Open, in large varieties of the best makes. Also Spring, Pleasure and Business Wagons of different sizes and styles. The celebrated Toledo Road Wagons and Buckboards, two or four passenger; also the largest and best stock of Road Carts. We have always from 75 to 100 vehicles in stock to select from. We fully guarantee our work. All sold at rock bottom prices. It will pay to call and see us before you buy anything in this line, or send for circular. We respectfully solicit an inspection of our Carriages and Wagons.

HARNESS, HORSE GOODS AND STABLE SUPPLIES.—We have always in stock a full line of HAND MADE HARNESS, Single and Double, Carriage and Coach, Delivery, Express, and Heavy Team and Farm Harness, all made from the best Oak Tanned Leather, of improved style and best quality. COLLARS, HALTERS, HORSE BLANKETS and ROBES. None better for the money. WHIPS, HORSE MANGERS and HAY RACKS, HORSE POLES, WEIGHTS and HITCHING POSTS, of different kinds and prices.

Columbus Solid Steel Square and Pressed Bowl, Wheel and Drag Scrapers.



COLUMBUS SOLID STEEL SCRAPER



COLUMBUS WHEEL, PRESSED BOWL.

The Best in Use.

No. 1 Boss Pressed Bowl Solid Steel Scraper.....	\$ 5 50
No. 2 ditto	5 25
No. 3 ditto	5 00

Extra for Steel Runners, each, 25c.

Columbus Wheel, Square Bowl No. 1, \$25 00; No. 2, \$32 00; No. 3, 36 00
 Columbus Wheel, Pressed Bowl..... No 1, 26 00; No. 2, 33 00; No. 3, 37 00
 Doan Patent Board Scraper \$5 50 | Western and Fort Wayne Road Machines, \$225 00
 Contractors Railroad and Grading Plows, \$20.00 and upwards.

The Little Giant

HAND BROADCAST SEED SOWER.

The Greatest Labor and Seed Saving Invention of the Age.

(Improved for 1895.)

WITH METAL BOW AND AGITATOR OR FORCE FEED.

This is the *best built*, easiest running, most perfect machine in the market. It saves one-third seed and two-thirds labor. Weighs but three pounds. Man



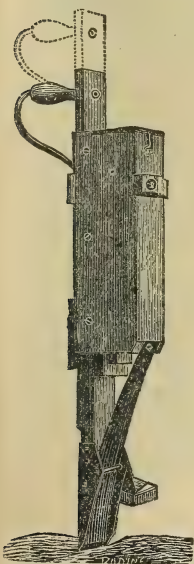
or boy can sow on hilly, stump^r, stony and rough, as well as on clean and old land, perfectly even, any desired quantity (one quart to three bushels per acre), of clover, timothy, millet, Hungarian, flax, wheat, rye, oats, peas, corn, orchard grass, blue grass, red-top, or other seed, fertilizer and ashes, etc. Price for Bow Seeder, single one, \$2.00; three in one order, \$5.00; six in one order, \$9.00. Price for Single Crank Seeder, \$2.50; three in one order, \$6.50; six in one order, \$12.00, to any place in the U. S. Express charges prepaid by us. *Special price for larger orders.* Fully warranted the best out. It is the best implement of its kind and for the money on earth. No farmer who has used one would do without it for five times its cost. Strongest, prettiest and lightest running. No equal on the market. A liberal discount to agents and dealers; write for special circular and directions. We sold several thousands of them in the last five years and every one gave the best satisfaction, as hundreds of the most flattering testimonials from all parts of the U. S. will testify. We guarantee either one to give entire satisfaction.

CORN PLANTERS AND DRILLS.

Evans' Improved one and two horse Check Rowers, and other Corn Planters and Drills combined. Horse Corn Planters and Drills, from \$5.00 upwards.

IMPROVED HAND CORN PLANTERS.

Smith Celebrated Ohio Corn Planter. This Planter has stood the test for 35 years, and never failed to receive the highest commendation in a single instance. Price, \$2.00. Special price in dozen lots.



SMITH PLANTER.

The Maumee Chief Corn Planter.

Not a plunger or Corn cracker, nor a bellows or mud digger, but a Corn Planter that can neither crack the Corn nor fill up with ground in planting. Only required to be used to be appreciated. Price, \$1.50. Special price in dozen lots.

Eureka, Triumph and other make Hand Corn Planters, from 75c. to \$2 00 each. In dozen lots, large discount.

Harvesting Machines, Etc.

Agency for the celebrated Milwaukee Harvester Co. Light Binders and New Chain Mowers, improved steel frames; the Eureka Mowers, the Royce Single Reapers and repairs for same, the Advance Hay Tedders, the best and lightest running in the world; the Rock Island Combined Hay Rake and Loader—only one good man is necessary to operate the Loader and do the work of raking and loading. This is the only Loader which will in all kinds and under every and any condition of grass successfully rake from the swath.

Self and Hand Dump Horse Hay Rakes, Grain Drills, One and Two Horse Farm Grind Mills, with steel and stone grinders; Corn and Cob Mills, Cider Mills, for hand and power; Road Scrapers, wheel and drag; Wheelbarrows, garden and canal; horse powers; Scales, counter and warehouse; Store and Warehouse Trucks. Farmers' and Gardeners'

Steel Tools, Shovels, Spades, Scoops, Hoes; Iron, Steel and Wooden Rakes. A full line of the most improved and best Lawn and Garden Tools made, which we guarantee to be as represented, and sell them at the lowest price possible.

The Genuine Philadelphia Lawn Mower.

LATEST IMPROVED, EASIEST RUNNING AND FINEST LAWN MOWERS MADE

The writer bought and sold the first Lawn Mower in this city, nearly 43 years ago, and remembers well when the manufacturers of the Philadelphia Lawn Mowers sent him a sample of their then new departure. Lawn Mowers were then of rather crude make

and about four times the price they are now, but their superiority over other makes of Lawn Mowers created a general demand for same,

and manufacturers of the Philadelphia are now the largest producers of Lawn Mowers in the world. The great superiority of their product is shown by the enormous increase

30 Inch Horse Machine, with open or solid wiper; 2 section rollers; weight, 315 lbs. Price, \$65.00

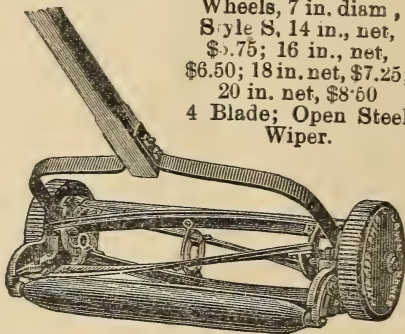
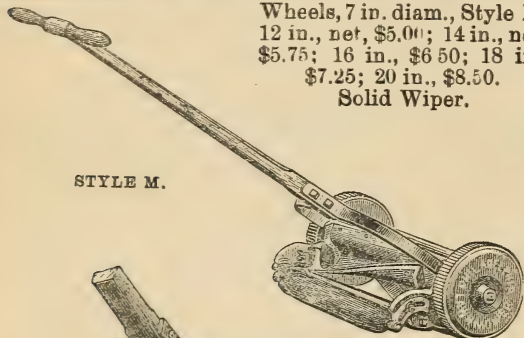
80 Inch Horse Machine, with open or solid wiper; 2 section roller, shafts and seat; weight, 350 lbs. Price, \$80.00.

of their sales now (500,000 in the U. S. alone), and nearly all other makers endeavor to imitate them. Ask those using them, why? The Philadelphia was unrivaled years ago; it is unrivaled now. We have in stock a full line of all their makes and repairs.

Wheels, 7 in. diam., Style M, 12 in., net, \$5.00; 14 in., net, \$5.75; 16 in., \$6.50; 18 in., \$7.25; 20 in., \$8.50.
Solid Wiper.

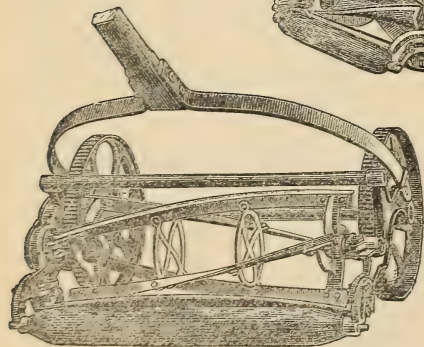
Wheels, 7 in. diam., Style S, 14 in., net, \$5.75; 16 in., net, \$6.50; 18 in., net, \$7.25; 20 in., net, \$8.50
4 Blade; Open Steel Wiper.

STYLE M.



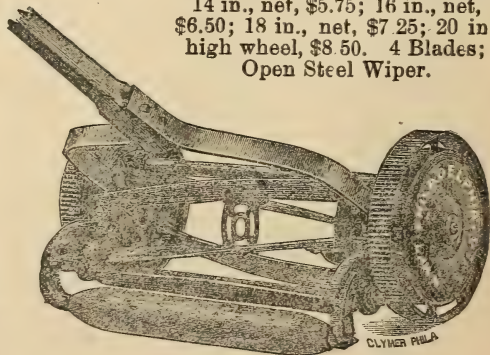
STYLE S.

Wheels, 8½ in. diam., Style C, 14 in., net, \$5.75; 16 in., net, \$6.50; 18 in., net, \$7.25; 20 in. high wheel, \$8.50. 4 Blades; Open Steel Wiper.



STYLE A.

Wheels, 10 in. diam., Style A. Highest Mower built. Is entirely different from all others; is made of steel throughout; weighs much less than others of its model, it being light, runs lighter and is easily handled. This is the King of all Lawn Mowers. 15 in., net, \$10.00; 17 in., net, \$11.00; 19 in., net, \$12.00; 21 in., net, \$13.00.



STYLE C.

Pony (or two men), 25 in., Lawn Mower, Style A. The advantage of this Mower is, it can be operated by two men if necessary, in place of horse, on medium sized lawns and amongst shrubbery, or when lawn is too soft for horse. Price, \$36.00.

All Horse Mowers can be used as front or side draft. Special illustrated circular furnished on application. We can furnish other make first-class Horse Lawn Mowers at lower prices, and will be pleased to submit circulars and prices of same.

POPULAR FLOWER SEEDS.

We have often been very much disappointed in the quality and genuineness of Flower Seeds we bought of importers here, and to avoid same have this year imported our own Flower Seeds from one of the largest floral establishments in Europe, and have no hesitancy in saying that the Seed we offer this year can be fully relied upon as fr. sh and pure. We have more and rare varieties not embraced in this list; if any others are wanted we may be able to supply them.



Abronia Umbellata.



Acolonium Album.



Ageratum Mexicanum.



Alyssum.



Amaranthus Tricolor.



Aster (Rose-flowered.)



Balsams.



Candytuft.



Celosia.

	Price per Pkt.
Abronia Umbellata	5c
Acolonium Roseum	5c
Acolonium Album	5c
Ageratum Mexicanum	5c
Alyssum, Sweet Maritimum	5c
Amaranthus, Melancholius Ruber.....	5c

	Price per Pkt.
Amaranthus Tricolor.....	5c
Antirrhinum, Snap Dragon	5c
Antirrhinum, Dwarf, mixed	5c
Aquilegia, Columbine, mixed.....	5c
Aster, German, mixed.....	10c
Aster, Peony, flowered and mixed	10c



Carysanthemum.



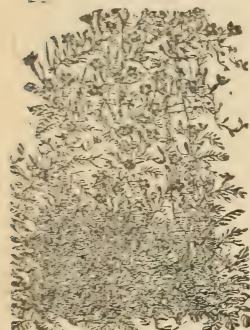
Clarkias.



Convolvulus Major.



Convolvulus Minor.



Cypress Vine.



Dianthus Chinensis.



Godetias.



Helichrysum.



Hollyhock.



Ipomoea Bono Nox.

Price per Pkt.

Balsam, double white, Impatiens.....	10c
Balsam, double crimson	5c
Balsam, double mixed	5c
Balsam, double Camelia-flowered, mixed.....	10c
Balloon Vine, a beautiful climber	10c
Clarkias.....	5c
Celosia Cristata, Cockscomb, mixed	5c
Candytuft, white	5c
Candytuft, dark crimson.....	5c
Candytuft, mixed.....	5c
Canna, mixed Indian Shot	5c
Canterbury Bells, mixed	5c
Canterbury Bells, double mixed.....	5c
Convolvulus Major, mixed	5c

Price per Pkt.

Convolvulus Minor, mixed	5c
Coreopsis, mixed	5c
Cockscomb, Japan, mixed.....	5c
Cypress Vine, mixed.....	5c
Chrysanthemum, double yellow	5c
Chrysanthemum, white	5c
Chrysanthemum, mixed.....	5c
Dianthus Chinensis, China Pink	10c
Godetias	5c
Globe Amaranth	5c
Helichrysum	5c
Heliotrope, mixed	5c
Hollyhock, double, mixed	5c
Ipomoea Coccinea, Star Ipomoea.....	5c



Larkspur.



Lobelia, Blue Gem.



Lupinus.



Marigold, El Dorado.



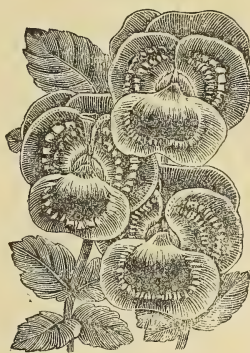
Marvel of Peru.



Mignonette.



Nasturtium, Empress of India.



Pansy, Perfectiou.



Petunia, Grandiflora Marginata.

Price per Pkt.

Larkspur, Tall Rocket.....	5c
Larkspur, Dwarf Rocket.....	5c
Lobelia Gracilis, blue.....	5c
Lobelia Speciosa, Crystal Palace.....	10c
Lupins, mixed.....	5c
Maurandia, Small Climber.....	5c
Marigold, African.....	5c
Marigold, French.....	5c
Mallow, Malva Mauritiana, vermil'n red,	5c
Marvel of Pern, Four O'clock.....	5c
Mignonette, Sweet.....	5c
Mignonette, large flowering.....	5c
Nasturtium, tall, mixed.....	5c
Nasturtium, dwarf, mixed.....	5c

Price per Pkt.

Nigella, Love-in-a Mist.....	5c
Pansy, Imperial German, mixed.....	10c
Pansy, mixed English.....	10c
Peas, Sweet, mixed.....	10c; 4 oz 25c; 5c
Peas, white.....	10c; 4 " 35c; 5c
Peas, sea Jet, Invincible.....	10c; 4 " 30c; 5c
Peas, Painted Lady.....	10c; 4 " 35c; 5c
Peas, Butterfly.....	10c; 4 " 35c; 5c
Petunia, choice mixed.....	5c
Petunia, new double fringed.....	25c
Phlox Drummondii, mixed or separate color,	5c
Phlox, large flowering.....	10c
Poppy, double mixed.....	5c
Portulaca, mixed.....	5c



Phlox Drummondii.



Portulaca, Double.



Stocks (Snowflake).



Sweet Peas.



Verbena, Mammoth.



Zinnias (Zebra.)

Price per Pkt.

Price per Pkt.

- Portulaca, double mixed10c
- Scabiosa, mixed Morning Bride 5c
- Stocks, ten weeks, mixed.....10c
- Stocks, large flowering.....10c

- Sweet William, mixed.. 5c
- Thunbergia, mixed..... 5c
- Verbena, mixed, Hybrid10c
- Zinnias, double, mixed..... 5c

SUMMER FLOWERING BULBS.

The Summer Flowering Bulbs are the most ornamental and brilliant class of flowers and are becoming more popular every year. We name a few of the most leading and well known varieties of our assorted stock.

Caladium Esculentum. (Elephant Ear). One of the handsomest of the ornamental-leaved plants for a grand bed of foliage in the garden or on the lawn. Good bulbs, each, 10 to 20 cents; per dozen, \$1.00 and \$1.50. If by mail, add 5c. each to prepay postage.

Madeira Vine. Roots. A beautiful climber, with thick glossy light green leaves, flowers pure white; rapid grower. Price, 5c. each; 30c. per dozen.

Double Dahlias. Grandest Autumn flower we have. Large towering or show Dahlia of all colors. Roots from 10c. to 25c; \$1.00 to \$2.00 per dozen.

NEW AND RARE CANNAS.—Ever-Blooming Cannas.

Madame Crozy. Undoubtedly the grandest of all varieties. The color is a brilliant vermillion scarlet, bordered with deep golden yellow; the flowers are borne in great clusters and in such profusion that they crown the plant with a blaze of glowing color. The foliage is vivid green, broad and massive; the habit of the plant is compact and vigorous, its natural height being rarely more than four feet. We have a grand stock of this peerless variety and offer it very low; all strong plants. Price, \$1.25 per doz.; \$10.00 per 100; 15c. each; postpaid; 3 for 40 cents.

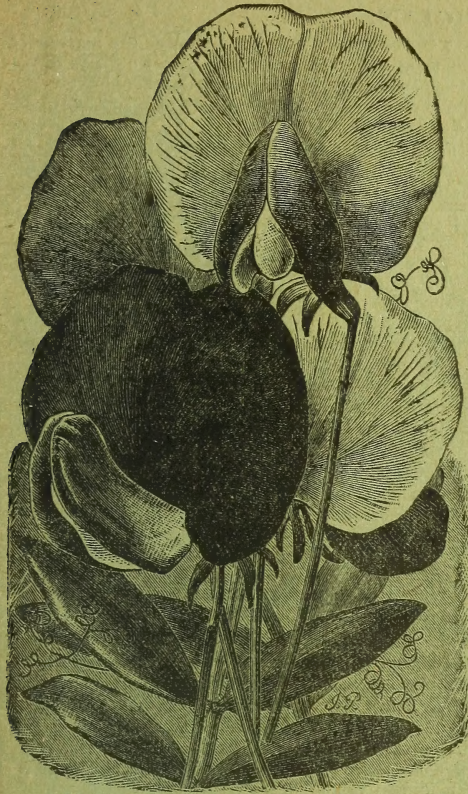
Star of 1891. A dwarf growing, very free-flowering variety, excellent for pot culture; bright orange-scarlet, sometimes edged with yellow. Price, \$1.25 per doz.; \$10.00 per 100; 15c. each.

Egendale. A fine dark-foliaged variety, with flowers of a soft currant red, very distinct and striking in appearance. Price, \$1.20 per doz.; \$8.00 per 100

Other standard unnamed varieties, either dwarf or tall, per doz., 75c.; 10c. each.

FLOWERING BULBS AND SEEDS.

LARGE FLOWERING SWEET PEAS.



These well known universal favorites have been much improved the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed. embracing, as they do, every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the Spring in rich soil. Make a furrow six inches deep, sow the seed, and cover about two inches. As soon as the plants begin to show fill in the furrow. This deep planting will enable the vines to stand the heat of Summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season

Varieties prefixed with * are Eckford's large-flowering hybrids.

	Pkt.	Oz.
* Apple Blossom. Standards, shaded rose and pink; wings blush	5	15
Blanche Ferry. Large pink and white flowers of deeper, richer coloring and more fragrant than the Painted Lady ..	5	15
* Boreatton. Rich maroon; wings purplish maroon, large	5	15
Butterfly. White, laced with lavender blue	5	15
* Captain of the Blues. Purplish claret; wings ultramarine blue	5	15
Captain Clarke. White, flushed heliotrope, with blue edges	5	15
* Cardinal. Intense cardinal crimson; wings crimson, large and fine	5	15
Fairy Queen. Pinkish white, slightly lined crimson, on standards	5	15
* Isa Eckford. Creamy white, suffused rosy pink	5	15
Orange Prince. One of the most distinct; standard; pink and orange, flushed with scarlet; wings bright rose, veined with pink	10	20
Painted Lady. Standards; rosy pink; wings blush white	5	15
Queen of England. Flowers extra large size; pure white	5	20
Red, Striped White. Striped crimson, white and wine red	5	15
Senator. Shaded and striped chocolate, purple and white	5	15
The Queen. Standards; rosy pink; wings shaded lavender	5	15
Monarch. Splendid large flowers, standards; bronzy crimson; wings rich deep blue	5	15
Alba Magnifica. Pure white, very large flower	5	20
Emily Henderson. Flowers extra large, very fragrant and absolutely pure white. Unexcelled in earliness and long-continued bloom	10	25
Mixed. All colors	¼ lb. 25c; 1b. 75c;	5 10
New Large Flowered Mixed. Named kinds of our own selection. A splendid mixture of all the new large flowered varieties	¼ lb. 40c; 1b. \$1.25;	10 15

Special—Six 5c. papers for 25c. Three 10c. papers, 25c. 1 packet each of the 18 finest varieties, 60c.

NASTURTIUMS or TROPÆOLUMS.

Nasturtiums are almost as popular among climbers as Sweet Peas. Their rapid and luxuriant growth quickly covers trellises, verandas, fences, or any unsightly object, with a beautiful mass of oddly pretty leaves and brilliant flowers. No plant could be more generous of its blossoms, or display them in a more graceful way. The seed, if picked young, is an excellent substitute for capers.

	Pkt.	Oz.
Tropæolum majus atropurpureus. Dark and velvety flowers of crimson maroon	5	20
Dunnett's Orange	5	25
King Theodore. Bluish green foliage, flowers velvet crimson. (New)	5	25
Finest mixed varieties	5	30

NASTURTIUMS.—Dwarf or Tom Thumb Varieties.

Pkt. Oz.

Lady Bird. A new and distinct sort, rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming.....	10	25
Ruby King. Carmine.....	5	25
Dwarf varieties, mixed; comprising a fine mixture.....	5	30

GLADIOLUS.

These fine Summer-blooming bulbs produce flowers of every shade of color, and some are marvels of beauty. Are easy of culture and their brilliant spikes make one of the most magnificent displays of the flower garden. By planting from May till July, a continuous succession of flowers will be secured.

Beautiful World's Columbian Exposition Medal and Diploma award. Hybrid varieties, splendid mixture. Per dozen, postpaid, 40c. By express, 30c.; and \$3.00 per 100.

May. Makes a large spike of well expanded flowers, much like that famous old variety, "Eugene Scribe."

White, edge of petals delicately touched with pink, two lower petals penciled with a peculiar light brown. A bulb usually throws up three spikes, sometimes seven. One of the best for florists and amateurs. Single bulb, 5c; per doz. 50c; \$3.50 per 100.

White and light. Mixed varieties. These are very fine, where only light colors are wanted. 45c. per doz.; \$3.00 per 100.

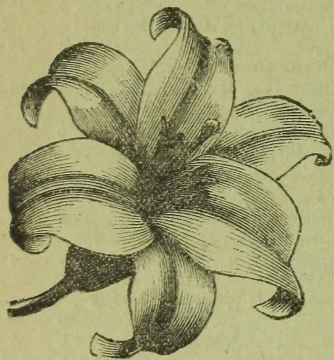
Pink, striped and variegated. Extra choice. 45c. per doz.; \$3.00 per 100.

Varieties of Red and Scarlet. 40c. per doz.; \$2.50 per 100.

Yellow in variety. 50c. per doz.; \$3.50 per 100.

Lemolne's New Hybrid Gladioli. The odd and fantastic markings of these Gladioli resemble the fascinating beauty of that rarest of all flowers, the Orchid. Yellow, crimson, white, brown, green and pink are blended together, producing an effect seen in no other flower. Beside their peculiar markings and gay colors, there is one point in superiority over other sorts—they bloom two or three weeks earlier, making them especially adapted to climates where the season is short. Best mixed, containing every shade and color imaginable. 5c. each; 50c. per doz.; \$3.00 per 100.

Choice Mixed. These are the best in the market. They contain a selection of fine named and seedling bulbs. All who buy these will be pleased with them. Many of our Exhibition blooms are represented in this mixture. 30c. per doz.; \$1.50 per 100.



LILY.

Lily of the Valley. A great favorite because of its delicious fragrance, bearing graceful bows of fairy-like bells. Per half dozen, 20c; per dozen, 30c; per 100, \$3.00.

TUBEROSES.

The Tuberoses is a beautiful, pure white, wax like, very sweet scented, double flower, growing on tall stems, each stem bearing a dozen or more flowers. To obtain flowers early, plant them in pots and keep in a warm place in the house; when warm weather transplant to the garden. For bedding out in open ground plant in May, or as soon as the weather permits.

Double Dwarf Pearl Tuberoses Grows only 20 to 24 inches high. This is the general favorite and the most popular of all flowers for button-hole bouquets. The flowers of this variety are double the size of the common Tuberoses, and are borne in great profusion. Perfectly double and most delicious fragrance. Extra large size bulbs, each 5c; per doz. 40c; per 100, \$2.50.

Mammoth Double White Tuberoses. The same as the Dwarf, except in the height. Extra large size bulbs, each 5c; per doz. 40c; per 100, \$2.50.

Variegated-Leaved Tuberoses. This is an early single kind, with striped foliage. Each, 5c; dozen, 50c; per 100, \$2.50.

TUBEROUS BEGONIAS.—All Selected Bulbs.

Popular for beds of Summer flowers, or for conservatory or sitting-room. **Single Tuberos Begonias of Mixed Colors.** Bright Scarlet, Splendid Yellow, Deep Crimson, Pure White, Rich Pink, Orange Salmon. Extra large bulbs, 20c. each; \$2.00 per doz.; \$12.00 per 100. Second size bulbs, 15c. each; \$1.25 per doz.; \$8.00 per 100. Small size bulbs, 10c. each; \$1.00 per doz.; \$6.00 per 100.

Double Tuberos Begonias. In separate colors. Scarlet, Rose, White, Yellow, 40c. each; \$4.00 per doz. All colors mixed, 30c. each; \$3.00 per doz.; \$20.00 per 100.

LILIES.

Plant deep where they are to remain: in winter cover deep with leaves or straw; feed them well.

Lilium Auratum. (The Queen of Lilies). Well-known, most desirable. Flowers ivory white, studded with chocolate crimson spots, and striped through the center of each petal with a band of golden yellow. A well-developed plant will produce from 6 to 20 flowers. Select bulbs, 15c. each by mail, or 7 for \$1.00; by express, \$1.00 per doz.; \$6.50 per 100. Mammoth sized bulbs, 20c. each, postpaid 25c. each; \$2.00 per dozen by express.

Candidum. Very hardy; snow white and fragrant. Fine for forcing. Each 10c; 75c. per dozen.

Harrisii. (Bermuda Easter Lily) Flowers large, trumpet-shaped, of a pure waxy white; an incredibly free bloomer. Each 15c; \$1.00 per dozen.



TUBEROSE.

USEFUL TABLES.

TABLE SHOWING THE WEIGHTS OF VARIOUS ARTICLES.

Apples, Green ----- per bushel, 48 lbs. Apples, Dried ----- " 22 " Barley ----- " 48 " Beans ----- " 60 " Buckwheat ----- " 50 " Bran ----- " 20 " Broom Corn ----- " 45 " Blue Grass, Kentucky ----- " 14 " Blue Grass, English ----- " 24 " Canary Seed ----- " 60 " Clover Seed ----- " 60 " Corn Shelled ----- " 56 " Corn on the Ear ----- " 70 " Corn Meal ----- " 50 " Flax Seed ----- " 56 " Hemp Seed ----- " 44 " Hungarian Grass Seed ----- " 48 "	Millet ----- per bushel, 50 lbs. German Millet ----- " 50 " Oats ----- " 32 " Onions ----- " 56 " Osage Orange ----- " 33 " Orchard Grass ----- " 14 " Peas ----- " 60 " Pop Corn on the Cob ----- " 40 " Potatoes, Irish ----- " 60 " Rape ----- " 50 " Red-Top Grass Seed ----- " 14 " Rye ----- " 56 " Sweet Potatoes ----- " 55 " Timothy Seed ----- " 45 " Top Onions ----- " 28 " Turnips ----- " 55 " Wheat ----- " 60 "
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QUANTITIES OF SEED USUALLY SOWN UPON AN ACRE.

Barley, broadcast ----- 2 to 3 bush. Beans, dwarf, in drills ----- 1½ bush. Beans, pole, in hills ----- 10 to 12 qts. Beets, in drills ----- 5 to 10 lbs. Broom Corn, in hills ----- 8 to 10 qts. Buckwheat ----- 1 bush. Cabbage (beds), to transp't. ----- ¼ lb. Carrots, in drills ----- 3 to 4 lbs. Chinese Sugar Cane ----- 12 qts. Corn, in hills ----- 8 to 10 qts. Corn, for soiling ----- 3 bush. Cucumber, in hills ----- 2 lbs. Flax, broadcast ----- 1½ to 2 bush. Hemp ----- 1½ bush. Melon, Musk, in hills ----- 2 to 3 lbs. Melon, Water, in hills ----- 4 to 5 lbs. Oats, broadcast ----- 2 to 3 bush. Onions, in drills ----- 5 to 6 lbs.	Onions, for Sets, in drills ----- 40 lbs. Onion Sets, in drills ----- 6 to 12 bush. Parsnips, in drills ----- 4 to 6 lbs. Peas, in drills ----- 2 bush. Peas, broadcast ----- 3 bush. Potatoes, cut tubers ----- 10 bush. Pumpkins, in hills ----- 4 to 6 lbs. Radish, in drills ----- 8 to 10 lbs. Rye, broadcast ----- 1½ to 2 bush. Salsify, in drills ----- 8 to 10 lbs. Spinach, in drills ----- 10 to 12 lbs. Squash, bush varieties, hills, ----- 4 to 6 lbs. Squash, run'g variet's, hills, ----- 3 to 4 lbs. Tomato, to transplant ----- ¼ lb. Turnip, in drills ----- ¾ to 1½ lbs. Turnip, broadcast ----- ¾ to 1½ lbs. Vetches, broadcast ----- 2 to 3 bush. Wheat, broadcast ----- 1½ to 2 bush.
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GRASS SEEDS TO THE ACRE.

White Clover ----- 3 to 5 lbs. Red Clover ----- 10 to 15 lbs. Alfalfa or Lucerne Clover ----- 10 to 15 lbs. Alsike Clover ----- 4 to 6 lbs. Timothy ----- 12 lbs. Hungarian Grass ----- 1 bush.	Blue Grass ----- 1½ to 3 bush. Rye Grass (Bush, 22 lbs.) ----- 2 to 3 bush. Orchard Grass ----- 2 to 3 bush. Red-Top Grass ----- 1½ to 2 bush. Mixed Lawn Grass (14 lbs.), ----- 3 to 4 bush. Millet ----- 1 bush.
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NUMBER OF PLANTS TO ACRE,

Distance Apart.	No. Plants.	Distance Apart.	No. Plants.	Distance Apart.	No. Plants.
1 ft. by 1 ft. -----	43,650	3 ft. by 3 ft. -----	4,840	12 ft. by 12 ft. -----	302
1½ ft. by 1½ ft. -----	19,360	4 ft. by 5 ft. -----	2,722	15 ft. by 15 ft. -----	193
2 ft. by 1 ft. -----	21,780	5 ft. by 5 ft. -----	1,742	18 ft. by 18 ft. -----	134
2 ft. by 2 ft. -----	10,890	5 ft. by 6 ft. -----	1,210	20 ft. by 20 ft. -----	103
2½ ft. by 2½ ft. -----	6,696	8 ft. by 8 ft. -----	680	25 ft. by 25 ft. -----	70
3 ft. by 1 ft. -----	14,520	9 ft. by 9 ft. -----	537	30 ft. by 30 ft. -----	48
3 ft. by 2 ft. -----	7,260	10 ft. by 10 ft. -----	435		

Bird Seeds, Mixed and Separate.

If to be sent by mail, add 8c. per lb. for postage. Our mixed bird seed is put up according to the best formula, for the health of the birds, from the cleanest and choicest seeds.

Mixed Bird Seed, single lb.	8c;	3 lbs. for	20c;	4 lbs. for	25c;	10 lbs. for	50c.		
Canary	"	"	8c;	3 "	20c;	4 "	25c;	10 "	50c.
Hemp	"	"	8c;	3 "	20c;	4 "	25c;	10 "	50c.

Poppy or Maw Seed, per lb. 15c; Rape Seed, per lb. 8c; Cuttle-fish Bone, per oz. 5c., per lb. 60c; Unhulled Rice, per lb. 15c., 2 lbs. for 25c; Sunflower Seed, per lb. 10c., 3 lbs. for 25c; Millet, German or Golden, per lb. 5c, 6 lbs. for 25c; Millet, American, per lb. 5c., 7 lbs. for 25c; Lettuce Seed, per oz. 5c., per lb. 25c,

New Early White Cap Yellow Dent Corn.

This new Corn combines more solid merit than any Corn ever catalogued, being suitable for all climates and soils, and yet grows large ears and matures early. The ear grows as large as the Leaming and is from seven to ten days earlier, and on poor thin soil will yield thirty per cent. more Corn. Its great merit lies in the fact that it grows strong, rank and quick and will produce more Corn on poor thin soil than any kind now in cultivation. The tip ends of the kernels are white, the inside yellow. Expert Corn growers who tried this new variety last season, will confirm all that can be said about this great Corn. Its good qualities might be stated as follows: It yields large crops on light thin soil. The ears are large, handsome and well filled. It is sure to mature in from 90 to 95 days. It husks and shells easily. It commands the highest market price. It will grow more bushels on thin land than any other variety; it stands the drouth well. It grows its fodder strong, rank and quick, from seven to eight feet high and is sure to please all who give it a trial. Qt. 40c., postpaid. By express or freight, peck 85c; bushel \$3.00.

SACALINE.

(*Polygonum Sachalinense*.)



The New Forage Plant and great drouth resister. Claimed to produce from 90 to 180 tons of green Forage per acre, in one year. More nutritious than Clover or Lucerns. Gives three and four cuttings per year; is perfectly hardy; endures the severest drouth and cold with impunity. Price, packet 10c; oz. \$1.00; pound \$12.00.

Illustrated pamphlets giving full description, endorsements and analysis of SACALINE, will be sent postpaid, on receipt of 10c., or can be had free with orders for 1 ounce of seed.

