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PIONEER BRAND SEEDS

SPECIAL FLOWER AND VEGETABLE SEED COLLECTIONS

FLOWER SEED
25 Cent Collection, by Mail, Postpaid

1 Package Asters, Mixed
1 Package Balsam, Mixed
1 Package Mignonette, Sweet
1 Package Nasturtium, Mixed
1 Package Petunia, Choice Mixed
1 Package Sweet Peas, Choice Mixed
1 Package 10 Weeks' Stock
1 Package Zinnia, Double, Mixed

VEGETABLE SEED
25 Cent Collection, by Mail, Postpaid

1 Package Beet, Eclipse
1 Package Cabbage, Early Summer
1 Package Cabbage, Large Late Flat Dutch
1 Package Cucumber, Improved Long Green
1 Package Lettuce, Early Curled Simpson
1 Package Onion, Prize Taker
1 Package Radish, Extra Early Scarlet
1 Package Tomato, Stone

VEGETABLE SEED
50 Cent Collection, by Mail, Postpaid

1 Package Peas, Philipps' Early Summit
1 Package Beans, Wardwell's Kidney Wax
1 Package Cabbage, Early Summer
1 Package Cabbage, Large Late Flat Dutch
1 Package Cucumber, Improved White Spine
1 Package Lettuce, New Salamander
1 Package Water Melon, Improved Dixie
1 Package Musk Melon, Hackensack
1 Package Onion, Yellow Danvers
1 Package Parsnip, Hollow Crown
1 Package Radish, Extra Early Scarlet
1 Package Tomato, Stone

BIG COLLECTION—$1.00 by Mail, Postpaid

1—One Pkt. Beans, Stringless Green Pod.
2—“ Beams, Wax Poddled.
3—“ Beet, Early Blood Turnip.
4—“ Cabbage, Extra Early Jersey Wakefield.
5—“ Cabbage, Improved Autumn King.
6—“ Celery, White Plume.
7—“ Corn, Sweet, Philipps' New Wonder.
8—“ Cucumber, Long Green Improved.
9—“ Cucumber, Toledo Market Evergreen.
10—“ Lettuce, Grand Rapids.
11—“ Lettuce, New Salamander.
12—“ Watermelon, Improved Dixie.
13—“ Muskmelon, Extra Early Hackensack.
14—“ Onion, Yellow Danvers.
15—“ Onion, Prize Taker.
16—“ Pepper, Ruby King.
18—“ Peas, Philipps' Early Summit.
19—“ Peas, Telephone, Late.
20—“ Radish, Early Scarlet Turnip.
21—“ Radish, Improved Chartier.
22—“ Squash, Toledo Warted Hubbard.
23—“ Tomato, Improved Stone.
24—“ Tomato, Dwarf Champion.
25—“ Turnip, Purple Top, Strap Leaf.
26—“ Turnip, Monarch Swede Rutabaga.
27—“ Sweet Peas, Mixed Flowering.
28—“ Mignonette, Sweet.
29—“ Balsam, Double Mixed.
30—“ Pansy, Mixed.
31—“ Nasturtium, Mixed.
32—“ Zinnia, Mixed.

THERE ARE NO BETTER COLLECTIONS OF SEEDS TO BE HAD FOR THE MONEY ANYWHERE IN THE WORLD.--FULL-SIZED PACKETS.
THE PIONEER SEED HOUSE OF TOLEDO, O.

ESTABLISHED 1852
INCORPORATED 1888

FIFTY-EIGHT YEARS OF EXPERIENCE

To Our Friends and Customers—

It is with pleasure we hand you our annual catalogue for 1910, and shall be pleased to have your valued orders for what Garden, Field and Flower Seeds, also Bulbs, Plants, etc., you may need.

By reason of our country's vast increase in wealth and population, Vegetables, Fruit and Flowers are in growing demand. So whatever it is that you want, who engage in the Farming, Gardening and Horticultural line will surely make money provided they buy good seed.

We were born and raised in the seed business and our customers get the benefit of a lifetime of experience. Our customers also have the advantage of our unequalled shipping facilities. Toledo, with thirty-five railroads and interurban lines, besides eight express companies, many steamship lines and central location, is far ahead of any other city in this respect.

Kindly read our Catalogue over carefully in its different departments, as with cultural directions, etc., we know you will find much to interest you.

QUALITY OF SEEDS.—We do not buy cheap Seeds. We have our Seeds, Bulbs and Plants grown by the most celebrated and reliable Seed growers in this country and Europe, 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 entirely beyond our responsibility.

The Market Gardener or progressive, practical farmer does not look for cheapness when buying his Seed. What he wants is Seed true to name and of strong vitality, which he certainly gets when he buys Philipps' Pioneer Brand Seeds.

MAIL-ORDER BUSINESS.—We have no canvassers or agents to solicit orders. All outside business is done through mail orders direct to us. This means a saving to our patrons as well as to the firm. Close and prompt attention to such orders and honorable dealing have assured us a steady growth, and we now enjoy an immense mail-order business. Our friends and patrons have found by experience that buying through letter is as safe and satisfactory as buying over the counter, and have materially assisted in the extension of our business.

SEEDS PAID BY MAIL.—All Vegetable and Flower Seeds (not Field Seeds) by the packet, ounce or pound, will be delivered free of postage and free of all expenses. When Bulbs, Corn and Peas are ordered we have to request an additional 15c. per quart or $1. per pint, to be added for part postage on same. This system places our store at your very door, and enables customers thousands of miles away to obtain their supplies as cheaply as if they could visit our store.

NOVELTIES.—We devote considerable time each year to testing the various so-called novelties offered by the seed dealers of this and other countries, and whenever we discover anything desirable we offer it to our customers. In each department of this catalogue we offer a number of well tested novelties, which we are sure will prove satisfactory.

ADDRESS, ETC.—In ordering please be particular to write your Name, also that of your Postoffice, County and State plainly, also mention the mode of conveyance you prefer—whether by mail, express or freight, also name of express or freight station. Serious delays are sometimes occasioned by failure to give attention to these matters. 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 articles are catalogued, the purchaser can save the return charges by enclosing the remittance with the order.

ORDER EARLY.—The best time to order is just as soon as you receive this catalogue, as we can always give your orders more of our personal attention if they come in before the rush of the spring trade. Please use our order sheet, as it makes it more convenient for us in filling orders.

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 plants, hail, storms, etc., before they have a chance to germinate. Bad 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 accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for them will be refunded.

HOW TO SEND MONEY.—Cash should always accompany the order. We will be responsible for money sent us by Postoffice Order, Express Money Order, Bank Draft, Express, or by Registered Letter.

Bills, Coin or Stamps (we accept postage stamps same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of eight cents extra postage. We will in no way be responsible for Stamps or Money enclosed in a 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.

Please remember we are Growers and Importers of all kinds of Garden, Field and Flower Seeds, and can sell you just as good seed as any seedsmen has to offer.

We want your trade and ask that you let us know your wants, when we will be pleased to mail you any information at our command, also quote you right prices for best Seeds and Implements money will buy.

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For Field Seed Department, Grass and Lawn Seeds Read Pages 35 to 42
For Flower Seed Novelties and General Collection of Flower Seed Read Pages 43 to 65
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For Hardy Perennials, Roses, Shrubs and Small Fruits Read Pages 71 to 77
For Implements and Farm Machinery Read Pages 78 to 84
For Poultry Supplies, Incubators, Brooders, Etc. Read Pages 79 to 89
For Sprayers, Insecticides and Spraying Formulas Read Pages 81 to 83
For Implements and Farm Machinery Read Pages 84 to 88

Put this book where you can find it when wanted, or better still, send us your order at once and have it filled before the rush at seeding time.

We shall hope to hear from you soon and often during the year 1910.

The Henry Philipps Seed & Implement Co.
General List of Standard Vegetable Seeds

Asparagus

Culture—Sow early in spring in drills two inches deep, rows one foot apart; keep clear from weeds by frequent weeding. One ounce of seed will produce about 400 plants; 10,000 plants required per acre. When one or two years old, the plants can be harvested when the shoots reach the height of a man. The perfection of the shoots depends mainly upon the favorable condition of the soil. Set the plants in rows about one and one-half feet apart and three feet between rows with crowns 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 sawdust.

Conover's Colossal. A well tried standard variety; large size, quick growth, excellent quality. Pkt. 5c.; oz. 10c.; ½ lb. 15c.; 1 lb. 30c.

Barr's Mammoth. 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 very delicious flavor. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; 1 lb. 60c.

Columbian Mammoth White. This variety is a sport from Conover's Colossal, and originated on the farm of a prominent Asparagus grower on Long Island. It produces pure white shoots and requires no artificial blanching. On this account it is 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. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; 1 lb. 65c.

Asparagus Roots

By purchasing Good, Strong Roots one or two years' time is saved.

Columbian Mammoth White. By mail, prepaid, 50 roots, $1.00; 100 roots, $1.50. By express, not prepaid, 100 roots, 75c.; 500 roots, $2.50; 1,000 roots, $5.00.

Columbian Mammoth. By mail, prepaid, 50 roots, 50c.; 100 roots, 90c. By express, not prepaid, 100 roots, 65c.; 500 roots, $2.50; 1,000 roots, $4.50.

Pulnietto. By mail, prepaid, 50 roots, 70c.; 100 roots, $1.15. By express, not prepaid, 100 roots, 65c.; 500 roots, $2.25; 1,000 roots, $4.50.

Barr's Mammoth. By mail, prepaid, 50 roots, 76c.; 100 roots $1.25. By express, not prepaid, 100 roots, 65c.; 500 roots, $2.25; 1,000 roots, $4.50.

Beans

Philipp's Dwarf or Snap Beans—Green Podded Varieties.

One quart to 257 feet of drill; 3½ bushels to the acre.

Of the many varieties of Beans in the following list comprises the very best of all, of which our stock is extra choice, the stock each year being carefully "toughed" over by careful inspection and intelligent selection.

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; plant the Beans 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 succession. Beans are very tender and should not be planted in the open ground until danger of frost is over.

Extra Early Refugee. Hardy and productive. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.00.

Refugee or 1000 to 1. Medium to late; very productive and tender, and largely grown for main crop; round pod. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.

Harpee's Stringless Green Pod. One of the earliest and best round podded Beans. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.

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 33 days. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

Early Mahawk. Long, flat and straight pod; very hardy. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

Long Yellow Six Weeks. Extra Early and a most excellent variety; the leading market sort; has full, flat pods. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.25.

 purlositol. Excellent quality as a shell Bean, either green or dry; equal to the pole Bean, easier to cultivate. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.25.

Red Mammoth or Rose Bean. Of very dwarf habit. Pods tender and delicious, growing long, frequently 15 inches. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.25.

Best Shelled Beans.

Red Kidney. A good Bean, either green or ripe. Pkt. 5c.; pint 10c.; quart 25c.; peck $1.00.

White Kidney. A very large, round and flat, very tender and very prolific. Pkt. 5c.; pint 10c.; quart 25c.; peck $1.25.

White Marrowfat. Good as either a string or shell Bean; heavy cropper. Pkt. 5c.; pint 10c.; quart 25c.; peck $1.00.

The Goddard, or Boston Favorite. Particularly valuable as a shell Bean, being very large, handsome, and of delicious flavor either green or dry; it is very productive. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

Philipp's Dwarf—Wax Podded Varieties.

Carrie'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 affected by rust, many of them completely ruined by it, this Bean has remained entirely free from it. Exceptionally crisp and tender, and of a most delicious flavor. As early as the Golden Wax, and it 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. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.00.
WAX PODDED VARIETIES.

Wardwell's Dwarf Kidney Wax. Extra early, hardy and productive; pods long, broad, flat, and of a delicate waxy yellow; brittle and entirely stringless; decidedly the best Bean for market gardeners. Our price on this Bean being lower than other seedsmen sell them, should insure us your order. Beans white with two shades of reddish purple, and a distinct kidney shape; remarkably free from rust; excellent flavor. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

The Davis Kidney Wax Bean. This is a new and distinct Kidney Wax variety of late introduction, and proved without exception to be the best white seeded wax podded Bean known. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the center and well up from the ground. It is very productive, always giving a large yield of handsome pods, with a small proportion of imperfect and misshapen ones. The pods are very long, oval, clear waxy-white color, and when taken long, straight, clear white pod which does not discolor in canning. The large, handsome, kidney-shaped dry beans are attractive, and this new Bush golden wax is a very popular an standard sort for family garden as well as market, and we highly recommend to our friends give it a trial. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

Dwarf Red Flageolet Wax. Pods very large, some times 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. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $2.25.

Golden-Eyed Wax. This Wax Bean has pods about five inches long, and one-half inch broad, straight, flat and fairly fleshy. A good yeilder. Price. pkt. 5c; ½ pint 10c.; quart 25c.; peck $1.50.

Michigan White Wax. A white-seeded Golden Wax Bean with broad, meaty clear white pods of superior quality. Pkt. 5c.; pint 20c.; quart 30c.; peck $2.25.

Hinklecroft White Wax. Originated by Mr. Hallenbeck who claims it to be the best all round wax bean now on the market. Beans white, full-eyed. Pods resemble Davis Wax, and hang well up from ground. Are long, half-round, yellow-white and full. Excellent as a string bean. Try it. Pkt. 5c.; pint 20c.; quart 30c.; peck $2.25.

New Profile German, or Cylinder Black Wax Bush Bean. This is an entirely new and improved strain of the old favorite German or Black Wax Bush Bean. Good for early and very productive. Pods perfectly round, straight, long, and of an even, rich golden color. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

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. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.
PHILIPPS' POLE OR RUNNING BEANS

CULTURE.—Sow as soon as the soil becomes warm and dry, from the first of May (for all except Lima's), to the latter part of May, in hills four feet apart each way. The seeds will be planted one inch deep and later thinned out to one-half inch apart. One quart of Limas will plant about 100 hills, allowing for four or five beans to a hill, and of the smaller sorts about 200 hills. Poles eight to ten feet long should be firmly set firmly in the center of the hills before putting in the seed.

Horticultural or Speckled Cranberry. Showy and excellent either snap or shell Beans. A popular variety. Pkt. 5c.: ½ pint 10c.; pint 15c.; quart 25c.; peck $1.75.

Dutch Case Knife. White seeded. Pods long, green and flat; can be either snapped or shelled when used; good for pickling. Pkt. 5c.: ½ pint 10c.; pint 15c.; quart 25c.; peck $1.75.

Scarlet Runner. A popular English pole Bean; very ornamental, producing scarlet flowers; very good for snap or green shelled. Pkt. 5c.: ½ pint 10c.; pint 20c.; quart 30c.; peck $1.75.

Welsh's Extra Early Lima. Extra Earl Jersey Lima. Mature ninety days from germination. Yield about eighty bushels green pods per acre. Pkt. 5c.: ½ pint 10c.; pint 15c.; quart 30c.; peck $1.75.

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 firm has the only permission to reproduce it. It is 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. 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 productively 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 20c.; quart 30c.; peck $2.00.

White Creaseback Pole. Exceedingly productive; in clusters of from four to twelve handsome green pods, six inches long, perfectly round, entirely stringless, very fleshy. Pkt. 5c.: ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

Red Speckled Cut-Short, or Corahill. 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; pod short, cylindrical and tender. Pkt. 5c.: ½ pint 10c.; pint 15c.; quart 25c.; peck $1.50.

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. Every one 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 mostly free from stringless, very tender, and of a delicious flavor. Pkt. 10c.; ½ pint 20c.; pint 30c.; peck $2.00.

Kentucky Wonder. A very prolific long green podded stringless snap Bean. Pods round and very crisp, most deliciously flavored and very tender. Pkt. 5c.; pint 10c.; quart 25c.; peck $1.75.

Lazy Wives Pole Bean. This variety originated in Bucks County, Pa., where for a number of years it has been the most popular Pole bean grown. Pods are wonderfully broad, thick, fleshy, and above all, entirely stringless. In these respects they surpass all other known. They, again, maintain their rich, stringless and tender qualities until they are almost ripe, so much so, in fact, that we are perfectly safe in saying that all are the best of all Snap sorts. It is just the sort of a snap we, as a mess can soon be picked for dinner. Pods are rather flatish, small and round, and when fully grown are from four to six inches long, exceedingly rich, but tender, and fine flavored when cooked. They are hardly ever grown and enormously productive. We could furnish hundreds of testimonials from persons who have used the Lazy Wives Bean, all claiming it to be the best bean they have ever tried, and many have discarded all other kinds, using this for an early and late snap sort, and also as a dry shell or winter bean; and such is the peculiar taste and flavor of this Bean that we have known many persons who could not be induced to eat other varieties of string beans after tasting Lazy Wives, if they could obtain the latter. Pkt. 10c.; pint 25c.; quart 50c.; peck $1.50.
BUSH LIMA BEANS

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

Improved New Burpee's Bush Lima. This is decidedly the best Bush Lima Bean now on the market. It grows more vigorously, with heavier foliage, sturdy bushes and loaded with pods that are truly enormous in size. Sixteen days earlier than other Bush Lima Beans. Pkt. 10c.; ½ pint 20c.; pint 30c.; quart 50c.; peck $2.50.

Henderson's Bush Lima. The earliest of the bush Limas, two weeks earlier than any of the climbing beans. It is small in size, but of high table merit, and in favor with housekeepers on account of its delicious flavor and great productiveness. The plant requires no support of any kind. It bears until frost, and a small patch will supply a family. Pkt. 5c.; pint 15c.; quart 30c.; peck $1.75.

Burpee's Bush Lima. A dwarf or bush form of the large climbing Lima. The climbing habit has been almost wholly obliterated, and no poles are required. The pods and seeds are of full Lima size. The common yield is from 50 to 200 marketable pods per plant. The size and luscious flavor of the bean are exactly the same as with the climbing Lima types. Pkt. 5c.; pint 15c.; quart 30c.; peck $2.00.

Wonder Bush Lima. An improvement of Burpee's Bush Lima, being earlier and absolutely dwarf. The plants are upright and compact in growth and completely covered with large pods ready for picking. Pkt. 5c.; pint 15c.; quart 30c.; peck $2.00.

When Beans are ordered by Mail, Postage must be added to Catalogue prices at the rate of 15c. per quart.

BEETS

For the Table.

(Close to 60 feet of drill; 4 to 6 lbs. 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.—We believe this to be the earliest variety of Beet in existence. It was originated by 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. Our seed stock is first-class and all gardeners should buy it. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

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. 50c.

Detroit Dark Red Turnip.—A first-class dark red Turnip Beet both for market gardeners and home use. Has small upright growing tops, leaf-stems and veiny dark red, blade green, roots globular, smooth, tender and sweet, and remaining so for a long time. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

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 garden use. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Early Blood Red Turnip.—The old stand-by and a universal favorite. Deep blood color. Good early and late. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

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 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. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

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. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.
New Columbia Blood Beet. This is a distinct new Beet of a handsome turnip shape, with 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 a rich, bronze color. Is not only of unusual value to the market gardener, but its fine quality will delight the private planter. (Is a money maker.) Pkt. 5c.; oz. 10c.; 4 oz. 25c.; lb. 50c.

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. 5c.; oz. 10c.; ½ lb. 15c.; lb. 50c.

Leaf Blood Turnip. This variety originated with one of the largest market gardeners in Philadelphia. It is as early as the Egyptian, but larger, of a fine, dark red color, a very small top, tender and sweet. It is very productive and a good keeper. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

Long, Smooth, Dark Blood. A good variety of late Beet, sweet and tender; will keep solid and fresh all winter. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; 1 lb. 50c.

Swiss Chard, Silver or Sea-Kale Beet. Cultivated for its leaves, which are used similar to Spinach. The midribs are steamed like Asparagus. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

Beet Plants. See Vegetable Plant List, page 34.

SUGAR BEETS AND MANGEL WURZEL
SUGAR VARIETIES.

From 6 to 8 lbs. of Seed required to the Acre. By mail 5c. per pound extra.

CULTURE.—The seed should be sown from April to middle of June, in drills two feet apart, and afterwards thinned out to stand nine 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.

The Sugar Beet industry in this country is growing each year, and first quality seed will be in demand. We import our Sugar Beet Seed direct from Germany and France, so that our custom- ers can depend upon getting first-class seed at rock-bottom prices. Sugar Beets are not such heavy feeders as Mangel, but are of superior quality, containing a large amount of saccharine matter.

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

The importance and value of this crop to farmers cannot be overestimated, 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.

Klein-Wanzleban. 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 heavy yielder, and contains 13 to 15 per cent, of sugar. Pkt. 5c.; 2 oz. 10c.; ½ lb. 15c.; 1 lb. 25c.

Lane's Improved Imperial Sugar Beet. An improvement on the French Sugar Beet. The most profitable, popular and productive variety of Sugar Beets in cultivation. For feeding cattle, sheep and swine it has no equal. This Beet will yield from 20 to 40 tons per acre, at a cost of 5c. per bushel. It is one of the 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. Pkt. 5c.; 2 oz. 10c.; ½ lb. 15c.; 1 lb. 50c.

White French Sugar Beet. Grows large and useful for sugar, as well as stock feeding. Pkt. 5c.; 2 oz. 10c.; ½ lb. 15c.; 1 lb. 25c.

Red Rosy Sugar Mangel. This is a new variety that will pay all Farmers and Dairymen to try. Flesh white, firm and very sweet, and greatly relished by cattle. Roots grow well above the ground and easily harvested. Pkt. 5c.; 2 oz. 10c.; ½ lb. 15c.; 1 lb. 25c.
SUGAR BEETS AND MANGEL WURZEL

By mail 5c. per pound extra.

STOCK FEEDING VARIETIES.

Growing Mangel Wurzel and Sugar Beet for stock is the grower's best investment. These make the cheapest of food for all kinds of live stock: Cattle, Horses, Sheep, Pigs, Chickens. Two bushels of Mangels are worth as much as one bushel of Corn. Four bushels of Mangels are equal to 100 lbs. of good hay. It is pleasing to receive reports from our friends of their great crops of Mangels grown from the seed they bought of us. Our friends may rely upon getting the best seed, grown from the choicest strain and stock in the world. Send us your order.

Mammoth Long Red Mangel Wurzel. Very large and productive. Pkt. 5c.; 2 oz. 10c.; ¼ lb. 15c.; lb. 25c.

Norblton Giant, or Jumbo Red Mangel. Stands head above all other varieties of Mangels. Unequaled for yielding and feeding qualities. Thousands of farmers have grown this Mangel and call it the most profitable farm crop they ever tried. If you want a large crop of large Mangels of good quality don't fail to try the Norblton 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.; 2 oz. 10c.; ¼ lb. 15c.; lb. 25c.

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 matures earlier than many other sorts. Pkt. 5c.; 2 oz. 10c.; ¼ lb. 15c.; lb. 25c.

Champion Yellow Globe Mangel Wurzel. For cattle; large and productive; keeps well; is of orange yellow color; very sugary; easily pulled. Pkt. 5c.; 2 oz. 10c.; ¼ lb. 15c.; lb. 25c.

BROCCOLI

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

Broccoli. Large White Mammoth Cape, produces fine large heads, equal in size and quality to the best and largest varieties of Cauliflower. Pkt. 5c.; oz. 25c.

BRUSSELS SPROUTS

CULTURE—Same as Winter Cabbage. This is a delicious vegetable of fine flavor, allied to the Cabbage family, producing a great number of small heads or sprouts on the main stem of the plant, which are used in the manner of Cabbage. Used and prepared as greens, they are the best in the autumn, especially after frost. Pkt. 5c.; oz. 15c.; ¼ lb. 35c.

RELIABLE CABBAGE SEEDS

SELECTED AMERICAN-GROWN STOCKS THAT MARKET GARDENERS CAN DEPEND UPON.

We are Headquarters for Select and Double Tested Seed.

To Market Gardeners generally no vegetable is of greater importance than the Cabbage, and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risk in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable.

Our Cabbage Seed is high grade and reliable, because it is grown to head under any circumstances where 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 this is their most important crop. We especially recommend our Select Very Early Jersey Wakefield, a variety of celebrity for the early; Henderson's Early Summer, Philips' Improved Succession, Fottler's Improved Brunswick, Danish Ball-Head, our Market Gardeners' Large Late Flat Dutch, Phillips' Premium Flat Dutch. All Seasons. Sure Head. Flat Dutch. Philips' 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.

CULTURE.—Soil for Cabbage should be rich and heavy, and with good drainage.

Of the early varieties of Cabbage, in latitudes where the thermometer never indicates 20 degrees below the freezing point, seed may be sown in the open border in October, and transplanted on the first opening of Spring, but in our Northern States they must either be sown in hotbeds in February or wintered over in cold frames; for this purpose the seed is sown from the 10th to the 20th of September. Attention to date is important; if too soon the plants may run to seed, and if too late they would be too small. In four or five weeks from the time of sowing they will be fit to transplant into the cold frames. In planting it is very important with Cabbage or Cauliflower that the plant is set down to the first leaf, so that the stem is all under ground, for, if exposed, it will be split by the action...
of the frost and will be injured in consequence. The plants are usually set out from the middle of March to the middle of April in rows about two feet apart, and eighteen inches between the plants in rows. This earliest crop matures in June. For second early, the early crop should be sown first week in April and planted out in May. This crop should mature in July and August. The late varieties are usually sown in the early part of May and the plants are set in July at a distance of three feet between the rows, and two feet between the plants. This crop matures September, October and November.

For Cabbage Worm Try Slug Shot. Read Page 83 for Description of Slug Shot.

FIRST EARLY.

Select 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 good size. Pkt. 5c.; oz. 15c.; ½ lb. 60c.; lb. $1.85.

The Charleston or Large Wakefield Cabbage. It is five to six days later than early Jersey Wakefield. The heads are fully one-half larger and quite solid. It is very compact in growth and can be easily planted in rows two feet apart and twenty inches in the rows. One great advantage is, it does not burst open when ripe, like many other early sorts, and consequently can be left standing on the ground a long while without injury until a favorable opportunity for cutting. Pkt. 5c.; oz. 15c.; ½ lb. 60c.; lb. $1.85.

SECOND EARLY.

Danish Summer Ball-Head. We are pleased to introduce to our customers this Summer Ball-Head Cabbage, that we can recommend as a second early quick maturing Cabbage, equally as hard and resembling the Winter Ball-Head you all know so well. We import this seed direct from the original in Denmark and you can depend upon it. Give it a trial. Pkt. 10c.; oz. 30c.; ½ lb. 50c.; lb. $1.00.

Genuine Sure Head. This popular Cabbage is rightly named Sure Head. 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 markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from original seed, and none better is to be had at any price. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; lb. $1.75.

All Seasons. This strain of Early Drumhead Cabbage we offered to the public some 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 a capital market sort and good keeper. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; lb. $1.75.

Early Dwarf Flat Dutch. An excellent second early old standard variety, producing fine large heads after the first early varieties have disappeared. Highly valuable both for its fine quality and ability to resist heat. Heads are very solid, broad and round, flattened on top, tender and finely grained. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; lb. $1.50.

Improved Stone Mason, or The Warren. We think this is one of the very best for fall and winter use. Our stock is of the best. Plant medium sized, with only a moderate number of leaves; stem medium length; heads medium sized to large, round or slightly flattened, very solid, crisp and tender, without being strong or coarse flavored. It will certainly give the greatest satisfaction. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; lb. $1.75.

Philips' All Head Medium 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 Philips' All Head Medium 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 the 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, 95 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 eatliness; 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.; oz. 15c.; ½ lb. 50c.; lb. $1.75.
The Lupton.
The Greatest Cabbage Ever Offered.
A Thoroughbred Late Cabbage
That Will in Many Ways
Surpass Every Sort
Heretofore Grown.

This famous Cabbage was bred and introduced by Mr. L. Lupton, who is probably the largest individual producer of Cabbage Seed in the world. It was bred from a single early plant of a late variety; is earlier than any of the late sorts, much more uniform in growth, heads more evenly, is of better quality, is not quite so large; can be planted closer, and will give a crop in weight larger than any of them. The heads are unusually deep, similar to the Hollander or Danish. It is a strong, but not a coarse grower; dark green in color, and fine grained; a good keeper. The hardest heading Cabbage ever grown. This is the unanimous endorsement of the best gardeners in America. Intended for a market gardeners' main crop Cabbage. Price, pkt. 5e.; oz. 15e.; 4 oz. 50c.; 1 lb. $1.50.

Hollander or Danish Ball-Head Cabbage. For several years past all the large cities in the United States have been furnished with Cabbage shipped in from Holland. This Cabbage, although of medium size, weighs about twice what our native grown Cabbage does, and is therefore easier to handle when selling by the ton. In order to stop this importation and keep our money at home, we import the finest strain of this Cabbage grown, and now offer this seed to our gardener friends and patrons. The heads are better than our old standard varieties of medium size, heavy and solid as a cannon-ball and will keep over winter much longer.

Our Toledo Market Gardeners' Large Late Flat Dutch.

Philipps' Improved Succession Cabbage. This new Cabbage we offer is the best Long Island Seed grown from the center shoots of carefully selected solid heads of the very best strain. 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. The Succession brings paying prices wherever grown, and may be regarded a boon to the gardening community. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; 1 lb. $1.75.

Toledo Market Gardeners' Large Late Flat Dutch. This strain of Cabbage has worked itself to the front and enormous crops are grown every season around Toledo, and we honestly recommend this strain of Cabbage to all who wish to grow 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 the flat head. The natural habit of the seeding 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 it. All give it the highest praise, and we recommend it to our friends as one of the best and most productive Winter Cabbages in the country. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; 1 lb. $1.75.
**Improve Autumn King Cabbage**. Has proved itself a peerless variety and is coming into general use. We have no hesitation in recommending 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 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 Cabbage, which is the same with the Autumn King. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

**Philipps’ Premium Large Late Flat Dutch.** As a variety for the main crop and 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.; ¼ lb. 40c.; lb. $1.50.

**Philipps’ Toledo 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.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

**American Drumhead Savoy.** The largest heading Savoy; of excellent flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

**Philipps’ Reliable Savoy or Curled Cabbage**

We desire to call special attention to this class, all of the varieties enumerated below being of much finer flavor and quality than the best of other Cabbages. They are particularly adapted for private use, where quality rather than quantity is desired. Grown in the fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

**Netted Savoy.** This is the finest of the Savoy class, and a general favorite. Heads large, very solid and compact, a yellowish-green color, and like all others of the Savoy varieties, of excellent flavor, far surpassing that of any other late Cabbage. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; 1 lb. $1.75.

**American Drumhead Savoy.** The largest heading Savoy; of excellent flavor. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

**Red Cabbage**

**Extra Early Dark Red Erfurt.** The earliest and finest red. A useful sort for pickling. Pkt. 5c.; oz. 15c.; ¼ oz. 50c.; lb. $1.75.

**Mammoth Rock Red.** The Mammoth Rock is by far the best, largest and surest heading Red Cabbage ever introduced. The plant is large, the head is large, round, very solid and of a deep red color; will average 12 pounds each. Pkt. 5c.; oz. 20c.; 4 oz. 60c.; lb. $2.00.

It was the Red Cabbage exhibited at the fairs in our section, from seed we sold, which drew the highest premium. Do not fail to try some.

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

Plants quoted "by mail" are sold at our expense; "by express," at the purchaser’s.

**Cabbage Plants.** Any of our early varieties ready April 10th. By mail, 100, 75c.; by express, 100, 50c.; 1,000, $2.00.

**Cabbage Plants.** Any of our late varieties ready June 1st. By mail, 100, 75c.; by express, 100, 50c.; 1,000, $2.00.
CARROTS

Sow 1 ounce to 150 feet of drill; 3 lbs. to the acre.

CULTURE.—The Carrot, like all other root crops, delights in a sandy loam, richly tilled. For early crops sow in spring, as soon as ground is in good working order; for later crops they may be sown any time until the middle of June. Sow in rows about fifteen inches apart, thinning out to three or four inches between the plants. In field culture, when grown for horses or cattle, the rows should be two feet apart, so that the crop can be worked by the horse cultivator. As carrot seed is slow to germinate, all precautions must be taken.

**Chantenay Half Long Scarlet.** A stump-rooted variety, somewhat resembling the well-known Nantes Carrot, but having a larger shoulder and being much more productive; sweet, fine flavored, almost without a core; very fine grained; excellent for home garden and market. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 70c.

**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. 20c.; lb. 70c.

**French Forcing.** The earliest forcing variety, globe-shaped, reddish orange color. Good for bunching. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 70c.

**Altrington.** This Carrot is an immense and sure yielder. Roots are long and large, of a fine scarlet color, good flavor and superior feeding qualities. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 45c.; 5 lbs. $2.00.

**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.; ½ lb. 20c.; lb. 45c.; 5 lbs. $2.00.

**Danvers Half Long Orange.** This variety originated where the raising of Carrots is made a special business, twenty to thirty tons per acre being no unusual crop. In form it is midway between the Long Orange and Short Horn. The root is of a rich, dark orange color, and grows very smooth. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 70c.

**Guerande, or Ox Heart Carrot.** A very desirable Carrot. In length intermediate between Short Horn and Chantenay; much thicker than either, and carries its thickness well down toward 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.; ½ lb. 20c.; lb. 70c.

**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 improvement recently made as in the Carrot, and we claim to have the best strain of Long Orange Carrots 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.; ½ lb. 20c.; lb. 50c.; 5 lbs. $2.25.

**Early Round Parisian Carrot.**

**Improved Long Orange.**

**Early Round Parisian.** This is a new Carrot of extremely quick growth, making it one of the best forcing Carrots on the market. The root is formed much quicker than the French Forcing. The leaves are short and erect, and while small, are quite long enough for bunching. All who desire a small, early and delicious Carrot, one that will mature as soon as many varieties of Radish, should try this. Price: Pkt. 5c.; oz. 10c.; ½ lb. 30c.; lb. $1.00.
CAULIFLOWER
Imported Direct from Our Grower in Denmark. Choice Selected Varieties.

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 Cauliflower. By sowing the early varieties in the spring in a hothed or cold frame, or even in an open border, they can be obtained in pretty good season. One ounce of seed will produce about 2,000 plants.

Gilt Edge Snowball. The strain we have of this variety is without doubt the very best to be had. Our stock was grown from the very finest specimens, noted for their earliness, dwarf habit, large size uniform shape and compact growth. For forcing under glass during winter and early spring, or for planting in the open ground, no stock of Snowball can surpass it. Pkt. 5c.; 1/4 oz. 75c.; ½ oz. $1.25; 1 oz. $2.25; ½ lb. $8.00.

Extra Selected Extra Early Dwarf Erfurt. One of the earliest varieties; small-leaved dwarf, for forcing; producing very solid, pure white heads of the finest quality; about 15 in. high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt. 20c.; 1/2 oz. 75c.; 1 oz. $1.25; 2 oz. $2.25; 1 lb. $7.50.

Large Late Algiers. A splendid late variety; very popular with canners and market gardeners. Seldom fails to produce large white heads. Pkt. 10c.; 1/4 oz. 75c.; 1 lb. $2.00.

Extra Early Paris. One of the earliest varieties in cultivation. Very dwarf; large, white, compact heads of finest quality. Highly recommended, sure heading variety. Pkt. 5c.; 1/2 oz. 20c.; ½ oz. 75c.; 1 oz. 65c.

Cauliflower Plants. Ready May 1st. Snowball and Erfurt. By mail, dozen, 29c.; 100, $1.25. By express, 100 75c.; 1,000, $6.00.

CELEBRITY

One ounce will produce about 2,000 plants.

CULTURE.—A very popular and now extensively grown vegetable. It can be grown with success in any ordinary good soil, but attains perfection in deep, mellow bottom land. Sow when the apple is in bloom, on 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 in well manured land, which planting repeat at intervals of two or three weeks for a succession, until the necessary quantity is set out.

White Plume Celery. The latest and handsomest, the easiest grown and most profitable for early market. White Plume is self-blanching; the stalk and portions of the inner leaves and heart are naturally white; needs very little banking up to blanch; crisp, solid and of a nutty flavor, while its white, feather-like foliage places it at the head of all others as a table ornament. Our seed can be relied upon as the “True White Plume.” We have made a specialty of White Plume ever since its introduction. Pkt. 5c.; oz. 20c.; ½ lb. 50c.; lb. $1.75.

Boston Market. A very superior market variety; much esteemed for family and market use and a good keeper. Pkt. 5c.; oz. 20c.; ½ lb. 40c.; lb. $1.25.

New Golden Self-Blanching (Golden Yellow, Large, Solid). Grown for us in France under special contract. French-grown seed of this variety is especially good and much superior to American grown, which latter seed often grows hollow or stringy stalks. This is the best Celery in cultivation, and it cannot be too highly recommended. The plant, with its close habit, compact growth, and straight, vigorous stock, has a beautiful appearance. The ribs are perfectly

[Image of White Plume Celery]
solid, crisp, brittle and of delicate flavor, surpassed by no other variety, while it has the decided merit of
being self-blanching to a very remarkable degree.
The heart is large, solid, and of a beautiful, rich
golden-yellow color. The leaves also are of a beauti-
ful golden-yellow after the plant has been bleached,
which adds greatly to its handsome appearance when
prepared for the table. No variety can surpass, if
indeed equal, the Golden Self-Blanching in striking ap-
pearance and delicious flavor. Exceedingly popular
with every planter. Excellent sort for early planting
and a good keeper. Pkt. 5c.; oz. 25c.; ½ lb. 90c.; lb. $1.50.

Crawford’s Half Dwarf. A great favorite with
market gardeners. Early, solid, vigorous growth,
and nutty flavor; very ornamental and exceeds many of
the larger growing kinds in weight. Pkt. 5c.; oz. 15c.;
½ lb. 40c.; lb. $1.25.

Giant White Solid. The best of the large growing
sorts and a favorite variety; solid, crisp and tender.
Pkt. 5c.; oz. 25c.; ½ lb. 40c.; lb. $1.25.

Pink Plume. A variety favored by reason of its
distinctive color and hardness. Quality good; desir-
able in the private garden as one of the most reliable sorts. Pkt. 5c.; ½ oz.
10c.; oz. 20c.; ½ lb. 60c.; lb. $2.00.

New Giant Pascal. The latest and best variety of Celery. It is a selection
from the Golden Self-Blanching and adds to the general good qualities of its
parent, superior keeping qualities. The stalks are very large, thick, solid,
crisp, and of a rich, nutty flavor, free from any taste of bitterness. It blanches
very easily and quickly, and retains its freshness a long time after being mar-
keted. The heart is golden-yellow, very full and attractive in appearance.
Pkt. 5c.; oz. 15c.; ½ lb. 40c.; lb. $1.50.

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 light yellow, making it an exceedingly showy and de-
sirable variety for either market or private use. Pkt. 5c.; oz. 15c.; ½ lb. 40c.;
½ lb. $1.25.

Perle le Grand. This new Celery is very handsome, stocky, and of close
growing, upright habit, with a golden heart. The flavor is sweet and nutty.
The stalk is large and heavy, and when bunched makes a beautiful appearance.
It blanches easily and can be used early or late. Good winter keeper. Pkt.
5c.; oz. 20c.; ½ lb. 50c.; lb. $1.75.

Mixed Celery Seed. For flavoring. Oz. 5c.; ½ lb. 15c.; lb. 25c.

Celery Plants. Ready May 1st. By mail, dozen, 25c.; 100, 75c. By express,
100, 60c.; 1,000, $3.00.

CELERIAC, 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.; ½ oz. 10c.; oz. 20c.; ½ lb. 50c.; lb. $1.50.

CHERVIL

Curled. Aromatic herb. The young leaves are used in soups or salads. Sow thinly in May, in drills half an inch
depth, one foot apart. Pkt. 5c.; oz. 15c.; ½ lb. 30c.; lb. $1.00.

CHICORY

Large-Rooted Magdeburg. Roots of this form the Chicory of commerce. Used to mix with or as a substitute for
coffee. Cultivation the same as for Carrot. Pkt. 5c.; oz. 15c.; ½ lb. 20c.; lb. 75c.

CHIVES

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops, which
are used whenever the flavor of onion is wanted. Planted in clumps in any garden soil, they grow readily and increase
so as to render a division necessary. The tops appear very early in the spring, and can be cut throughout the season.
They should have a place in every garden. Roots, per bunch, 25c., postpaid.

COLLARDS

True Georgian or Creole. Excellent for greens; quite extensively grown in the South. Sow for succession from
June to August, and treat as Cabbage. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. $1.00.

POPCORN

Queen’s Golden. A golden-yellow Pop Corn of distinct color. Ears large and well filled with large kernels that pop
perfectly white and often measure an inch or more across. Produces four to six ears to a stalk. Pkt. 5c.; pint 10c.;
quart 20c.

Red Beauty. A handsome variety, in size and shape resembling the White Rice, but the grains are of a dark red color.
Early and very productive. Pkt. 5c.; pint 15c.; quart 25c.

Early White Rice. This is the old standard variety of Pop Corn, universally known as the best popping Corn grown.
All Pop Corn dealers and candy manufacturers buy this variety in preference to any other. Pkt. 5c.; pint 20c.; quart 40c.;
peck 60c.; bushel $1.72. We can furnish this Corn either shelled or in the ear.
SWEET OR SUGAR CORNS

Do not fall to add postage when ordering Corn by mail in plints and quarts.

GROWN UNDER CONTRACT

The Sweet Corn we offer is grown under contract here in Ohio, and also in Connecticut. Corn grown in these sections is acknowledged by all seedsmen and gardeners to be second to none. We could buy splendid looking Sweet Corn grown in western states, but we prefer to give the preference to our customers as well as our own, even at less profit. Half peck and half bushel at peck and bushel rates.

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 2 x 3 feet for the early kinds, and 3 x 4 feet for the large late kinds. Some plant in drills 3½ feet apart and eight inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills. Eight or ten quarts for an acre.

Extra Early Adams. The Earliest White Corn; ready for table sixty days after germination, and of no fitter to four feet; not a large ear, but a decided acquisition so very early in the season. In large demand among market gardeners. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.00.

Peep o' Day. About 10 days earlier than any other sort of Sweet Corn. Very sweet, and will be highly appreciated by all who try it. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.

Early Sheffield. A cross between Cory and Adams, and distinctly superior to either. Very early, hardy as Adams, which is not sweet, and as sweet as Cory, which is not hardy. It will withstand light frost. Better than Cory in being free from smut. The stalk grows five feet high, and bears two good-sized ears. The ears are handsome, the grains being in ten or twelve rows. The table quality is excellent. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.

Premo. The best extra early variety. It can be planted early, as the young plants will withstand slight frosts. The stalks are strong and vigorous, growing about 5 feet in height, bearing one or two fine ears to a stalk. The ears are large for so early a variety. The grains are of medium size, well filled to each end of the cob. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.

Golden Bantam. This is a new and extremely early Sweet Corn. Color deep yellow, very sweet. By reason of the firmness of the grain when thoroughly dry it can be planted as early as the Early Adams, thereby making early market sweet corn. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.

New Cory. Extra early. The earliest variety of Sweet Corn known. Has a large ear, considering the size of the stalk and its extreme earliness; small red cob, well filled with broad, deep grains; good quality. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Extra Early White Cory. In all respects identical with 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. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Early Minnesota. The standard Market Garden Sweet Corn, ears of suitable size for market purposes, esteemed for its excellent qualities. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Stabler's Early. This corn is of much larger size than usual for such an early corn. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Phillips' New Wonder Early Sweet Corn. We offer this new Sweet Corn as the New Wonder of all the early varieties of Sugar Corn ever grown. Its great merit is its earliness, large yield, with ears as large as Stowell's Evergreen, with two and three ears to stalk. Kernel pure white, very delicious, sweet and tender and the most wonderful extra early large-cored Sweet Corn ever introduced. We confidently recommend this New Wonder to the market gardeners as a great money-maker and should be in every private garden. Our supply is limited, and would advise all in want of this choice corn to order early. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Crossy's Early Sugar. Early, great favorite in the market, productive and of excellent quality; ears large; a good canning variety. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Moore's Early Concord. A good second early. Many gardeners plant it as late as July, yet, as the ear will sell as well as Stowell's Evergreen. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

The Hickox Corn. A large 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. Highly recommended. Try it. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

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 large, kernels very deep, tender and sugary; very productive and remains a long time in fit condition for table use. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Russell's Prolific. Only a few days behind the earliest. As large as the Evergreen, but white; ears large, and plump; stalks strong, bearing two or three ears each. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.25.

Black Mexican. A black-grained variety, one of the sweetest of all kinds. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50.


Sweet Corn is one of the best paying crops to grow. If it cannot all be disposed of in green state, for table use, the corn in its dry state, also the fodder, is very valuable.
Country Gentleman Sweet Corn. This is one of the finest of all sweet Corns, for private table. The shape of the kernels on the cob indicates high quality. The moment your teeth sink into this luscious, milky, tender corn, you will become a complete convert to it, for it will delight the most fastidious epicure. Ears are plump, milky, pearly white, kernels fairly melting in your mouth, retaining its delicate flavor and tenderness even when a little old. Medium early, very productive. One stalk yields three and often four ears. The Country Gentleman is also the most profitable sort for Market Gardeners and dealers. The ears are enclosed in a heavy husk, which tends to keep the ear in good condition. to the first of the winter, cover thinly with clean straw or leaves. A delicious hardy salad. 

At Prices quoted, Postage is Paid on Beans and Corn in Packets Only.

CORN SALAD OR FETTICUS

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

Large Seeded. Pkt. 5c.; oz. 10c.; 4 oz. 25c.; lb. 75c.

CRESS

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

Broad Leaved. Pkt. 5c.; oz. 10c.; lb. 75c.

CUCUMBER SEED

Growers of Large Quantities of Cucumbers Should Write to us for Special Prices.

One ounce for Fifty Hills. Two pounds for an Acre.

RAWSON’S HOTHOUSE. Grown by us from Rawson’s original stock seed. A forcing cucumber it is the largest and most profitable crop of the Market Gardener. Pkt. 10c.; ½ oz. 30c.; oz. 50c.; ¼ lb. $1.50; lb. $5.50.

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.; per oz. 10c.; ½ lb. 30c.; lb. $1.00.

Philippis Everbearing. Small size very early and enormously productive, and valuable as a green pickle. Pkt. 5c.; oz. 15c.; ¼ lb. 25c.; lb. $1.00.

Improved Everbearing. Pkt. 5c.; oz. 15c.; ¼ lb. 25c.; lb. $1.00.

Extra Early Frame, or Early Short Green. Although often sold under each name as different varieties, both are one and the same Cucumber. Producer of growth, early fruits of medium size, straight and well formed; popular for both table use and pickling. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

Early Green Cluster. Fruit small and in clusters; valuable for pickles. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. $1.00.

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 a deep green color in all stages of growth. Altogether it is a most welcome and valuable product for pickling, market or home use, and should be tried by all who have a garden. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. $1.25.

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.; ¼ lb. 25c.; lb. $1.00.
Nichols’ Medium Green Cucumber. This new Cucumber is worthy of the first place among pickles, second to none as a slice, 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. 15c.; ½ lb. 30c.; lb. $1.00.

Long Green Improved. Long, crisp, and a popular and reliable variety for pickling and slicing for market; good seed. Pkt. 5c.; oz. 15c.; ½ lb. 30c.; lb. $1.00.

Boston or Jersey Pickling. A favorite eastern sort of fine quality, medium length; reliable variety for pickling and slicing. Pkt. 5c.; oz. 15c.; ½ lb. 25c.; lb. $1.00.

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. 15c.; ½ lb. 30c.; lb. $1.00.

**DANDELION**

**Improved Large-Leaved.** A very early and healthy spring salad. Sow early in the spring in drills eighteen inches apart and thin out to six inches in the drills. Pkt. 10c.; oz. 25c.; lb. $1.00.

**EGG PLANT**

One ounce will produce about one thousand plants.

**CULTURE.**—Sow early in the hotbed. When plants are three or four inches high, transplant two feet apart in rich, warm, dry soil. Cultivate 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 planks, beginning with a layer of salt at the 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.

**New York Improved Large Purple Egg Plant.** The best variety for cultivation; contract growth. Being early, a sure cropper, and of fine quality. Fruit very large, oval, deep purple; flesh white and tender. Pkt. 10c.; ½ oz. 25c.; oz. 15c.; ½ lb. 40c.; lb. $1.25.

**Early Black Beauty.** This Egg Plant is an improvement of the above by reason of its being earlier and bearing more fruit. Pkt. 10c.; ½ oz. 25c.; oz. 15c.; ½ lb. $1.50. By express, 100, 75c.; 1,000 $9.00.

**ENDIVE**

**CULTURE.**—A 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 around it. Then place close together in frame or cellar for use. They must be kept dry and have plenty of air or they will rot.

**Green Curled.** Best for general crop, for early and late use, crisp in quality, hardy. Pkt. 5c.; oz. 15c.; ½ oz. 40c.; oz. 15c.; ½ lb. $1.25.

**Broad-Leaved Latavia.** Has broad, thick, slightly wrinkled leaves; pale green and good keeper. Pkt. 5c.; oz. 15c.; ½ oz. 40c.; oz. 15c.; ½ lb. $1.25.

**Giant Fringed.** A strong growing variety, with a large white heart and broad stems; good for fall and winter. Pkt. 5c.; oz. 15c.; ½ oz. 40c.; oz. 15c.; ½ lb. $1.25.

**GARLIC**

Garlic is the most pungent in taste and has the strongest odor of all the onion family. It is esteemed for flavoring soups, stews, sausages, etc.

**CULTURE.**—Plant ground and cultivate same as Onions.

Large Bulbs—25c. per lb. Small Sets or Seeds will make large bulbs. Per lb. 30c.

**GOULD**

See Flower Seed Department of this Catalogue.

**HEDGE SEED**

See page 42.

**KALE, OR BORECOLE**

**CULTURE.**—Sow from the middle of April to the beginning of May in prepared beds; transplant in June and treat in the same manner as for Cabbage. Of all the Cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is if its excellent qualities were generally known. The varieties are extremely hardy and are best when touched by frost.

**Curled Tall Green Scotch.** Hardy; best after frost. Pkt. 5c.; oz. 15c.; ½ oz. 30c.

**German Dwarf Green Curled.** Very fine; light green. Pkt. 5c.; oz. 15c.; ½ oz. 30c.

**German Dwarf Brown Curled.** Very hardy. Pkt. 5c.; oz. 15c.; ½ oz. 30c.
LEEK

One ounce will produce 1,000 plants.

Large Improved London Flag. An old standard. Broad leaves of strong and vigorous growth; hardy. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

LETTUCE

One ounce of seed for 2,500 plants.

Lettuce, the most used of all salads, is of very easy culture; every gardener and garden spot should have a plentiful supply. With but little trouble and proper selection of varieties, it can be had the whole year round, while no other salad is so appetizing or more wholesome. The different varieties find ready sale every month in the year.

CULTURE.—To have fine Lettuce in early spring, sow in seed-bed from commencement to middle of autumn. Protect the plants before cold, 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 better than transplanting late in the season.

Grand Rapids Forcing. Being often disappointed in getting the genuine stock of this grand Lettuce, we have selected a few seasons been growing this seed here at home, and we recommend the same as pure and reliable. 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; in fine appearance, crisp and tender. It is also valuable for outdoor growing. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Phillips' Early White Cabbage or Butter Salad. This is our leading 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 outdoor growth. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Iceberg. For several seasons we offered this beautiful Lettuce to our customers, and all, so far as heard from, are highly pleased, and regard it worthy of general cultivation. The large curly leaves are of a bright, light green, with a very slight reddish tinge at the edges. The unusual shape of the heads is insured by the large white main ribs of the leaves, each of which curling strongly into the center acts like a truss, making it impossible for the leaves to open outward and expose the center, which is consequently thoroughly blanched. The quality is simply perfect. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

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, and of most delicious flavor. Early, and stands a long while before running to seed. An excellent variety for early spring and summer use. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Early Hanson. Improved hard-heading stock. Forming fine, large, solid heads, which are both crisp and tender. They frequently attain two to three pounds each. We regard it as a very valuable variety. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Tennis Ball. (White Seeded.) A favorite forcing variety, forming a hard head. Can be planted quite closely under glass. Largely used in hotbeds and greenhouses; very hardy. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

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 grow early in the open ground, yet is slow to run to seed. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Big Boston. This variety is identical in color, shape and general appearance with the famous Boston Market Lettuce, but is double the size. It is about one week later in maturing, but its solidity and greater size of head will make it a very valuable sort. A desirable variety either for forcing in cold frames or open ground planting. The "Big Bos- ton" is sure to be wanted by market gardeners and truckers, because it always produces large, solid, solidable heads, and will commend itself to amateurs because it heads up well at all seasons of the year, and is of crisp, tender quality. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.
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. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Boston Market. This is an improved variety of the Tuna Bull, and attains a large size. It grows very compact; is white and crisp; one of the best varieties for forcing or outdoor growing. Try it. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

New Salamander. For summer use, forming good sized, compact heads; color light green outside, white on inside; withstands heat. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Prize Head, or Early Brown Cabbage. Bronzed, curled. New sort. A half cabbage variety of bronze-edged leaves; a beauty. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

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.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Early Curly Silesian. A cutting variety; earliest for outdoor planting. Does not head; affords good flavored salad long before the cabbage varieties have commenced to head. Color almost golden. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

Early White-Seeded Curled Simpson. This variety does not head, but forms a compact, close mass of leaves; for forcing and early outdoor sowing. Pkt. 5c.; oz. 10c.; 4 oz. 30c.; lb. $1.00.

All the Year Round. Good for spring or fall planting. Bears the heat of midsummer well; also valuable for forcing. One of the best for market. Pkt. 5c.; oz. 10c.; 5 lb. 40c.; lb. $1.25.

Improved Deacon. One of the most reliable of all large heading lettuce for market to plant in the open ground. Pkt. 5c.; oz. 15c.; 1/4 lb. 40c.; lb. $1.25.

COS LETTUCE.

These are of distinct growth and esteemed for their fresh crispness and mild flavor during the summer and in warm climates. When the plants do not "head" naturally during very dry weather, the tips of the leaves may be gathered together and loosely tied, which will Blanch the Interior.

Eclipse or "Express." This is the most dwarf and earliest of all. The plants grow stiffly erect, only six to seven inches in height; are "all-head," even when grown without tying. The outer leaves are dark green, quite broad, and distinctly rounded at the top; they are incurved and closely folded. The interior leaves are almost pure white, very crisp and mild in flavor, even in hot weather. Pkt. 5c.; oz. 15c.; 4 oz. 40c.; lb. $1.25.

Paris White Cos. This variety grows to very large size, producing long, pointed, compact bunches. Pkt. 5c.; oz. 15c.; 4 oz. 40c.; lb. $1.25.

Lettuce Plants. By mail, 60c. per 100. By express, 100, 50c.; 1,000, $3.00.

OUR LETTUCE AND MELON SEED ARE CONTRACT GROWN A YEAR IN ADVANCE OF SALES, FROM THE MOST RELIABLE GROWERS IN THIS COUNTRY, AND OUR CUSTOMERS CAN BE ASSURED OF THE BEST SEED MONEY WILL BUY.
Extra Early Hackensack. (Green flesh.) 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 5 to 10 pounds each; excellent for market and private garden. Pkt. 5c.; oz. 10c.; 4 oz. 40c.; lb. $1.25.

Admiral Togo. An orange-fleshed Netted Gem or Rocky Ford. An ideal basket or crate melon. Unexcelled in flavor and just the right size for commission house shipments. Pkt. 5c.; oz. 10c.; 4 oz. 35c.; lb. $1.25.

Extra Early Citron Nutmeg. (Green flesh.) The 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. Pkt. 5c.; oz. 10c.; 4 oz. 36c.; lb. $1.00.

Paul Rose. (Salmon flesh.) This new Melon is a cross between Osage and Netted Gem, combining the sweetness of the former and the netting of the latter. It is a salmon fleshed, small sized Melon and surpasses all others as a shipper and long-keeper. It has thick flesh and small seed cavity, and is bound to rank first as a market gardeners' favorite. Do not fail to buy some seed and give it a trial. Pkt. 5c.; oz. 10c.; 4 oz. 40c.; lb. $1.25.

Netted Beauty Musk Melon. (Green flesh.) This new variety of recent introduction has met with large sale. Its great earliness, distinct, handsome appearance and productiveness have made it a favorite with all who gave it a trial. The whole crop averaged the past two seasons ten melons to a vine on good ground. Pkt. 5c.; oz. 10c.; ½ lb. 40c.; lb. $1.25.

Improved Yellow Cantaloupe. (Yellow flesh.) Very fine. Pkt. 5c.; oz. 10c.; 4 oz. 40c.; lb. $1.25.

Emerald Gem. (Salmon flesh.) 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.; ½ lb. 40c.; lb. $1.00.

Toledo Early Market. (Green flesh.) 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. The seed was successfully controlled by a few gardeners, for the reason that they could market them two weeks earlier than others and at higher prices. They have sold this Melon as high as $2.00 per dozen to our market and commission houses. It is a type of the famous Chicago Market Musk Melon, equal in quality, which we hold to be of the very sweetest, and much larger and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh. We managed to purchase some of the true seed of this grand Melon and offer it at a moderate price. As our supply is not large, we advise our friends to favor us with their orders at as early a date as possible. Pkt. 5c.; oz. 10c.; 4 oz. 35c.; lb. $1.25.

Montreal Market. (Green flesh.) Excellent variety of the largest size. We have had them weighing twenty pounds. In shape almost round, flattened at both ends, deeply ribbed, skin green and netted, flesh green. Pkt. 5c.; oz. 10c.; ½ lb. 40c.; lb. $1.50.

Tiptop. Smooth skin. Flesh yellow and very sweet. An excellent shipper and a tiptop Melon in every way. Pkt. 5c.; oz. 10c.; ½ lb. 10c.; lb. $1.50.

Baltimore Nutmeg Cantaloupe, or Acme. 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. Pkt. 5c.; oz. 10c.; 4 oz. 35c.; lb. $1.25.

Miller's Cream. (Salmon flesh.) Ranks high as a market Melon, either for home or shipping. The flesh is of a rich salmon color, very sweet and melting, and so thick that the Melon is almost solid. The seed cavity being remarkably small. A strong grower and very productive, covers the ground with beautiful solid fruit. This Melon is undoubtedly one of the best flavored and most profitable for market or private garden. Pkt. 5c.; oz. 10c.; ½ lb. 35c.; lb. $1.25.

Burrell's Gem. (Salmon flesh.) Nearly round in shape, with heavy 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 good size. Pkt. 5c.; oz. 10c.; 4 oz. 35c.; lb. $1.25.

Netted Gem. (Green flesh.) Pkt. 5c.; oz. 10c.; 4 oz. 35c.; lb. $1.25.

Extra Early Osage. Pkt. 5c.; oz. 10c.; 4 oz. 35c.; lb. $1.25.

Mango or Vegetable Orange. Pkt. 5c.; oz. 15c.; 4 oz. 50c.

Musk Melon Seed in Mixed Lots of 5 pounds, 10 cents per pound less.

SLUG SHOT KILLS THE BUGS AND FLIES.
WATER MELON
THE BEST FRUIT THAT GROWS.

One ounce will plant about 50 hills, and 4 pounds will plant an acre.

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

Kolb Gem. Extra Northern grown. Large, bright red flesh, of fine quality and a good shipper. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Peerless Improved. Of medium size, thin rind, light mottled green, flesh bright scarlet, solid to center, crisp, melting and sweet as honey. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Improved Ice Cream. (White Seed.) Rind light green, flesh scarlet, solid and delicious, enormously productive, of unexcelled quality. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Phinney. Extra early market. The first to ripen, and of fine quality, red flesh. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50 cents.

Black Spanish. Large, roundish, nearly black, dark red flesh, early. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

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. 50c.

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. 50c.

Improved Mountain Sweet. Oblong, dark green, rind thin, flesh red, solid, sweet. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Improved Long Dixie. Selected. A new Water Melon 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. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Sweet Heart. Has no equal as a shipping Melon. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled, very light green, rind thin, but firm; flesh bright red, firm, solid, but very tender, melting and sweet. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Kleckley Sweets. (White Seed.) A large, oblong Melon, very sweet and sugary; dark green skin, very thin rind, flesh bright scarlet with broad, solid heart. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Halbert Honey. (White Seed.) A quick growing, oblong, dark green skinned Melon, resembling the Kleckley Sweets. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Fordhook Early. New, of late introduction; an extra early sort of large size, averaging in weight 55 pounds; excellent quality. Do not fail to try some. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Blue Gem, Iceberg or Harris. The Melons are uniformly large, of thick oval shape; skin mottled green and white; seeds black, round and very strong and therefore makes an excellent shipping Melon. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Preserving Citron. (Red Seed.) Used in making sweetmeats and preserves; flesh solid, white. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Hungarian Honey. A perfect globe-shaped Melon of medium dark green color, sweet as honey. A first-class market garden Melon; very early; flesh bright red. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Black Diamond. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

Long Light Icing. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 60c.

A portrait of Cuban Queen.

MUSHROOMS
PURE CULTURE MUSHROOM SPAWN. SOMETHING ENTIRELY NEW.

This Spawn is made from Virgin Spawn which is produced by scientific methods directly from carefully selected Mushrooms.

CULTURE.—Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 or 60 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this soil add 2 bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 or 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days, then cover the bed with two inches of fresh man, which moisten well with hot water, and over this put four or five inches of hay or straw and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil moistened with warm water and cover with hay as before. The main conditions in Mushroom growing are proper and uniform temperature and very rich soil. One brick of spawn is sufficient for a bed 2 by 4 feet. Single brick by mail postpaid, 25c. By express (charges not paid): 10 bricks $1.80; 50 bricks $7.50; 100 bricks $14.00.

MUSTARD
White, best for culinary purposes. Pkt. 5c.; lb. 30c.

Black or Brown. Pkt. 5c.; lb. 30c.
OKRA OR GUMBO

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

Dwarf Profile. Of dwarf habit and an abundant bearer; with long slender green pods; the best sort in use. Pkt. 5c.; oz. 10c.; 1/2 lb. 25c.

OUR PEDIGREE DOUBLE TESTED ONION SEED

The crop of Onion Seed an average one this last growing season, and prices lower.

Write for special prices on 25 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 also headquarters for Onion Sets, and will sell you first-class sets at the very lowest prices.

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 all grown from choice selected bulbs, are critically examined before being set out for seed. In quality it is far superior to much that is put upon the market, often grown by persons 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 one hundred and more pounds, is the very best evidence that our Onion Seed is unexcelled in quality.

CULTURE.—One ounce to 160 feet of drill, four to five 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 a quarter of an inch deep and a foot apart, cover with fine soil, press down with the back of a spade or 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 ground too deeply.

You can grow full-sized Onions the first year from our Black Seed; for this purpose four or five pounds of seed per acre are required. To raise small sets, forty to fifty 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.

Large Red Wethersfield. The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 600 to 800 bushels having been frequently harvested upon a single acre from seed sown in the spring. It grows to good size, single Onions often weighing from one to two pounds apiece. In short, it is the best Red main crop Onion for everybody. Our strain is unsurpassed, the seed we offer having been saved from the largest onions of perfect shape and deepest color. Pkt. 5c.; oz. 15c.; 1/4 oz. 50c.; lb. $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 snow-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 large size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market as well as the home table. Pkt. 5c.; oz. 15c.; 1/4 lb. 50c.; lb. $1.50.

Extra Early Red. Smaller than Red Wethersfield, and about ten days earlier; color, beautiful deep red. Give it a trial. Pkt. 5c.; oz. 15c.; 1/4 oz. 50c.; lb. $1.50.

Southport Early Red Globe. Grown by us from selected bulbs. This is a very handsome variety, and is deserving of general cultivation. It matures early, grows to a medium size, skin deep red, flesh fine grained, mild and tender. Pkt. 5c.; oz. 20c.; 1/4 oz. 50c.; lb. $1.75.

Early Flat Yellow Danvers. Different from the Globe strain only in shape, being flatter. A splendid Onion for the market or home use; sells readily in the market. Very productive. Pkt. 5c.; oz. 15c.; 1/4 oz. 40c.; lb. $1.25.

Yellow Dutch or Strasburg. One of the oldest varieties, a good keeper, and large. Grown extensively as well as for market. Pkt. 5c.; oz. 15c.; 1/4 oz. 40c.; lb. $1.25.

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.; oz. 15c.; 1/4 oz. 40c.; lb. $1.50.
THE PRIZE TAKER

Genuine American grown. The handsomest, largest Yellow Globe Onion. A new variety introduced 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 five pounds 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 Prize Taker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small, and the Onions are always ripe up hard. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; lb. $1.50.

Our Northern Ohio Yellow Globe Onion. Fancy Lake County selected stock. Generally admitted by Onion growers everywhere to be the most desirable strain and perfect type of globe-shaped Onion in existence. We name it Northern Ohio Globe to distinguish it from the many strains of Globe Danvers now offered. It represents the product of years of careful selection and cultivation, this, the finest strain of that popular type of the Yellow Globe Danvers Onion, which intelligent, painstaking care can produce. It is immeasurably superior to the average seed offered, not only in shape and color, but in productiveness. Its main points of excellence are: Distinct and attractive shape, handsome, bright, even color, it ripens early and all at once. The necks are very small and cure almost down to nothing. The firm solid bulbs are excellent winter keepers and all that can be desired in size and quality; enormous yielders, 900 bushels (standard weight) per acre are frequently grown on rich onion land. This is a superb onion for all classes of soil (when well enriched) and especially good for marsh lands, on account of its quick maturing qualities. Try this big money-maker. Pkt. 5c.; oz. 15c.; ½ lb. 50c.; lb. $1.75.

Southport Large White Globe. Large strain of globular shape, white skin, a good keeper, commands the highest market price. Pkt. 5c.; oz. 20c.; ½ lb. 60c.; lb. $2.25.

White Portugal or Silver Skin. 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.; ½ lb. 60c.; lb. $2.25.

Crystal White Wax. Seed imported by us direct from Teneriffe, which is said to produce the finest White Onions on the market. Pkt. 10c.; oz. 35c.; ½ lb. $1.00; lb. $3.00.

When in want of any Field or Grass Seeds write to us for our Field Seed Price List, mailed free.
Southport Large Yellow Globe. Beautiful in size, shape and color; maturing a few days later than the Red Wethersfield. This Onion is a great seller throughout the States, and Onion growers make no mistake in planting large quantities of the seed we offer, which is first-class in every respect. Is a splendid keeper and in quality is superior to most other varieties. Pkt. 5c.; oz. 15c.; ¼ lb. 50c.; lb. $1.75.

Early Paris Silver White. One of the earliest varieties; small, white and beautiful; valuable for an early bunch Onion, also much used as a pickling variety; popular with the Paris market men. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $2.00.

Adriatic Barletta. A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit is its extreme earliness. For pickling purposes it is unexcelled. Pkt. 5c.; oz. 20c.; ¼ lb. 50c.; lb. $1.75.

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.; ¼ lb. 50c.; lb. $1.75.

NORTHERN OHIO AND PENNSYLVANIA GROWN WHITE AND YELLOW ONION SETS

CULTURE.—They should be planted out as early in spring as the ground is dry enough to work. Bottom 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. One quart of Sets to 30 feet in drills; 8 to 12 bushes, 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 in writing, we will fill orders sent, and will give as many as the money sent will pay for. Prices may be lower or higher.

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Ã‡ If Onion Sets are wanted to be sent by mail, 10 cents per quart or pound must be added to prepaid postage.

Ã‡ Bottom Sets and Potato Onions are sold by measure; White Multipliers, Button and Egyptian by weight, 25 pounds for bushel.

Winter, or Egyptian Tree. When once set out they grow for years without any protection or care, except in keeping down the weeds. They start so early in the spring that they are ready for use a long time before any other Onions can be had. Are mild flavored, sweet and tender. They form no large bulbs, but divide and grow as many as 15 or 20 small Onions in one bunch. Desirable for family use and very early and profitable for market gardeners.

White Multipliers. Are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted. of excellent quality and size for bunching green, or can be ripened for use as pickling Onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other Onion Sets. See price list above.

Ã‡ We are headquarters for Onion Sets and will sell cheap by the peck, bushel or barrel. We will quote special prices on large lots.

We can sell our Farmer and Gardener friends just as good Seed as any Seedsman has to offer. Please remember we are Growers and Importers. Send us your order and get Seeds true to name.
PARSLEY

CULTURE.—Parsley succeeds best in rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use protect in a frame or light cellar, or a few plants may be placed in pots or boxes and kept in the house for convenient use during the winter.

**Extra Double Curled.** A curled variety for garnishing. Pkt. 5c.; oz. 10c.; ½ lb. 15c.; lb. 50c.

**Champion Moss Curled.** Leaves crimped and curled like a bed of moss, giving a most beautiful decorative appearance. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

**Plain or Single.** Dark green, with plain leaves; very hardy. Pkt. 5c.; oz. 10c.; ½ lb. 15c.; lb. 50c.

**Hamburg, or Turnip-Rooted.** A very popular variety in Europe. Fine, hearty vegetable roots which are used in soups, etc. Pkt. 5c.; oz. 10c.; ½ lb. 15c.; lb. 50c.

PARSNIPS

CULTURE.—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.; ½ lb. 15c.; lb. 40c.

**Large Improved Sugar or Hollow Crown.** The best variety in cultivation; roots long, white, smooth, tender, sugary; excellent flavor. Pkt. 5c.; oz. 10c.; ½ lb. 15c.; lb. 40c.

PEPPERS

CULTURE.—Sow each kind in drills on a warm border, late in spring or commencement of summer, and thin to stand sixteen or eighteen inches apart—or they may be sown early in the season in a hotbed or flower-pots and transplanted.

**Mammoth Ruby King.** A very mild flavored variety which grows to a large size, often 5 or 6 inches long and 3 or 4 inches thick; of a bright ruby red color when ripe—one for Manguos. Plants are stocky and very prolific. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Golden Bell or Golden Dawn.** Similar to Sweet Spanish, except in color, which is golden. Very early, mild flavor. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Red Cherry.** Ornamental pickles, very small, very hot. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Large Bell or Bull Nose.** Earlier than other large size Peppers, thick meated, very mild flavor, excellent for stuffed pickles or Manguos. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Sweet Mountain or Mammoth.** Similar to the Bull Nose, but larger and milder in flavor. For stuffed pickles, "Manguos," 6 to 7 inches. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Long Red Cayenne.** Fruit long, slim and bright red color. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Very Small Cayenne.** Bright red color, very hot. Pkt. 5c.; ½ oz. 15c.; oz. 25c.; 4 oz. 75c.

**Chinese Giant—Double the Size of Ruby King—This is the largest and finest mild red pepper.** Truckers planting for market will find "Chinese Giant" the most profitable variety they ever handled. Not only it is early in ripening and immensely productive for so large a pepper, but its enormous size will cause it to sell most readily. The plants are vigorous in growth but of stocky habit, seldom more than two feet in height. They are well branched and thickly set with enormous fruits, which appear to hang in clusters—so many being set on the comparatively small plants. Frequently half a dozen fruits will touch each other, as if in a single bunch; the strong growth of the plants and abundant foliage enable them to mature the large number of fruits nearly as early as the popular Ruby King. The monstrous fruits are of thick blocky form and of most brilliant glossy scarlet. They grow four to five inches broad at the top and are of equal length, divided into four or more large ridges; when ripe they are indented at the blossom end. The first fruits set in a cluster of three to five at the base of the plant, and are generally longer than those setting later on the upper branches, although the latter fruits are equally as broad. All are uniformly of most enormous size. The flesh is extremely mild—no sweet as an apple—and unusually thick; it makes an excellent salad sliced and served like tomatoes. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; 4 oz. $1.50.

**Giant Crimson.** The earliest maturing of the very large sweet peppers and surpassed by none in evenness of size and shape. Pkt. 10c.; ½ oz. 25c.; oz. 40c.; ½ lb. $1.50.
PEAS

GARDEN, FIELD AND EDIBLE POCKETED

PHILIPPS' NORTHERN GROWN GARDEN PEAS.

The Pea Crop, a short one this year, as the continual rains during the growing season, followed by heat and drought, greatly damaged the crop, especially all wrinkled and dwarf varieties.

One pint to 60 feet of drill; two bushels per acre.

CULTURE.—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam or a soil strongly inclined to clay is the best; for early crops, mild manure, such as leaf mould, should be employed. Plant as early as early kinds and four feet for late. For a continuous supply, sow from early in April until the last of June; then discontinue until the middle of August, when an early sort will sometimes produce a good crop.

Phillips' Extra Early Summit Pen. The earliest, evenest cropper, the hardiest, finest flavored and most productive; also most profitable Pea for Market Gardeners to grow. This Extra Early Summit Pen is a careful selection of our own and will be found Early and sturdy and Superior to any other. In the neck-and-neck race for the production of first-class Peas (each seedsmen naturally endeavoring to have the earliest), we claim that "The Summit" we introduced, and for us specially grown, is the Earliest, Best and Most Productive when compared. None as Early, maturing all the pods in about forty-five days; height about two feet, and ninety-five per cent of the garden 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 in every garden for the Early Crop. Pkt. 5c.; pint 15c.; quart 30c.; peck $2.00; bushel $7.00.

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. 5c.; pint 15c.; quart 25c.; peck $1.50; bushel $6.50.

Sutton's Excelsior. As early as American Wonder, with much larger pods and more prolific. Height 1 ft. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.75; bushel $6.50.

Surprise or Eclipse. Very early. Height 2 feet. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50; bushel $5.50.

Nott's Excelsior. Extra early. A cross between American Wonder and Advance; grows one foot high, very hardy and vigorous; can be planted with perfect safety in early Spring with any smooth varieties, and will mature almost as soon, while the quality is far superior; pods very large and well filled with tender and fine flavored peas. Early, hardy, productive, extra fine; ready for table in forty-five days. Earlier by several days than Little Gem—a fine bearer—earliest wrinkled Pea. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.75; bushel $6.50.

Bliss' American Wonder. The earliest of the wrinkled peas, and best for family use. Very dwarf, nine inches high, and remarkably productive, well filled pods, flavor unsurpassed. We heartily recommend this valuable Pea. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.75; bushel $6.50.


Duke of Albany and Alderman. Extra large dark green pods, on order of Telephone. Height 4 feet. Pkt. 5c.; pint 15c.; quart 25c.; peck $1.50; bushel $6.00.

Gradus. The most attractive novelty of recent years—large, handsome pods, resembling Telephone in size and shape, well filled with large peas, ripening with the earliest, is certain to be eagerly sought. Ripening very quickly, the pods must be picked as soon as fit for the table. Habit vigorous, very quick to germinate and push to maturity—foliage large, pale green in color, and very vigorous—requires sticking. Ripens for table in seventy days from germination. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.25; bushel $4.50.

Champion of England. A variety possessing merit of high order, most wrinkled and very sugary—requires sticking. Ripens for table in seventy days from germination. Pkt. 5c.; ½ pint 10c.; pint 15c.; quart 25c.; peck $1.25; bushel $4.50.

THE HENRY PHILIPPS SEED AND IMPLEMENT CO.
Pride of the Market.

Bursford's Market Garden.—A first-class wrinkled pea, second early. Height, 24 inches; pods nearly 6 inches long, wrinkled, large, round, filled, pods remarkable handsome, slightly curved, well filled with large, husky peas of fine flavor, a gem of the first water. It is similar to Pride of the Market, but far superior to that variety in habit, as it is remarkably true and fixed in its habits of growth. This is one of the grandest Peas on the entire list, is now offered at a price that places it within the reach of all. It should be in every garden. Height two feet, seed green and very much wrinkled. Pkt. 5c.; 1/2 pint 10c.; pint 15c.; quart 25c.; peck $1.25.

Thus, Layton.—The only rival to the famous Gradus—as a long-podded extreme-early wrinkled pea—and in some respects even better. The growth is identical with that of Gradus, but the pods are deeper richer green, square at the end instead of having a long sloping point. In the judgment of experts who have grown the two since 1861, the Layton is even sweetest and finer in flavor than the Grads, which as the larger peas are... In this variety is said to have yielded more shelled peas to the acre than any other American sort. Pkt. 5c.; 1/2 pint 10c.; pint 15c.; quart 25c.; peck $1.25.

Bills' Ever Bearing. The great value of this variety is found in its long-continued bearing. Pods three to four inches long, well filled. Peas very large, half an inch and over in diameter. Unsurpassed in sweetness and flavor. Two feet high. Try it. 1/2 pint 10c.; pint 15c.; quart 25c.; peck $1.25; bushel $15.00.

Stratigena. (Wrinkled.) One of the finest second early Peas grown. The strong, sturdy vines are literally covered with large pods. Many of the pods measure nearly 5 inches in length and contain as high as 15 large, fine-flavored wrinkled peas of excellent flavor, very sweet. Two feet high. Pkt. 5c.; 1/2 pint 15c.; quart 25c.; peck $1.25; bu. $15.00.

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

The Heroine. This is one of the mammoth-podded English-bred varieties, of elegant habit of growth, luxuriant foliage, pods remarkable handsome, slightly curved, well filled with large, husky peas of fine flavor, a gem of the first water. It is similar to Pride of the Market, but far superior to that variety in habit, as it is remarkably true and fixed in its habits of growth. This is one of the grandest Peas on the entire list, is now offered at a price that places it within the reach of all. It should be in every garden. Height two feet, seed green and very much wrinkled. Pkt. 5c.; 1/2 pint 10c.; pint 15c.; quart 25c.; peck $1.25; bushel $15.00.

Carter's Telephone. Season midway between First in Market and Marrowfat. Green, wrinkled, height 31/2 feet—economically productive—pods unusually large, elegant shape and well filled with peas of large size and grand quality. Average 15 pods to the stalk. Pkt. 5c.; 1/2 pint 15c.; quart 25c.; peck $1.75; bushel $6.00.

Dwarf White Marrowfat. A sturdy variety, profile and of good quality—vines 30 inches high, foliage strong and dark, maturing about 70 days after germination. Pkt. 5c.; 1/2 pint 10c.; quart 15c.; peck 25c.; bushel $2.50.

Black-Eyed Marrowfat. This is extensively grown as a garden and field Pea—very productive—height about 31/2 feet with large and well filled pods—a popular market variety. Pkt. 5c.; 1/2 pint 10c.; quart 15c.; peck 25c.; bushel $2.50.

White Marrowfat. Tall. A favorite variety for market, garden and field cultivation—very large, broad pods, well filled, height four feet. Pkt. 5c.; 1/2 pint 10c.; quart 15c.; peck 25c.; bushel $2.50.

Edible Podded or Meaty Sugar Sorts.

Tall and Dwarf Sugar. Edible pods. About two feet high, very sweet and tender. Only to be eaten with pods. Pkt. 5c.; 1/2 pt. 10c.; pt. 15c.; quart 25c.; peck $1.75.

Dwarf Grey Sugar. Edible pods. Grows about two feet high and is remarkable for its carmineness as well as its character. The seeds are large, shrivelled and of dark brown color. The pods are broad, flat and crooked, and contain five or six peas. Pkt. 5c.; 1/2 pt. 10c.; pt. 15c.; quart 25c.; peck $1.25.

FIELD PEAS.

See Field Seed Department of this Catalogue.
PRICE-LIST OF CHOICE NORTHERN-GROWN SEED POTATOES

CHANGE YOUR SEED.

Growing Potatoes for Seed Has Been a Specialty with Us for Years.

In drills three feet apart, ten to twelve bushels to the acre. One peck will plant about 125 hills.

The Potato, like all robust growing vegetables, can be grown with varying success in soils of all kinds, and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. In breaking up good pasture land the decaying sod answers sufficiently well for the first year in lieu of manure. Manure is applied either in rows or hills, or broadcast over the hills and plowed in—the latter in most cases being preferable. If the soil is good but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry and absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils these are particularly beneficial, as they not only promote growth, but prevent disease. Plant as early in spring as the ground can be had in fair working order, in hills or ridges three feet apart, covering in light, warm soils about four inches deep, but in cold, wet situations two and one-half or three inches will be sufficient.

By using our Northern-grown Seed you are assured of early maturity, increased yield and 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 charges for barrels or cartage, but deliver F. O. B. Toledo at prices quoted. Our barrels contain 155 lbs., net.

Prices given are subject to variations without notice.

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<th>Variety</th>
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<tr>
<td>Early Noise</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Whiton’s White Mammoth</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
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<tr>
<td>Early Ohio (the market gardener’s favorite)</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Early Rose (medium early)</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Senequa Beauty (medium late)</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Empire State (late)</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Sir Walter Raleigh</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Rural New Yorker, No. 2 (a very heavy cropper)</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
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<tr>
<td>Carmen No. 3</td>
<td>$0.50</td>
<td>$0.40</td>
<td>$1.50</td>
<td>$4.00</td>
</tr>
</tbody>
</table>

Single pound 10c.; by mail 20c.; or 4 pounds by mail 60c., of any of the above varieties, excepting Noroton Beauty.

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 private garden.

Toledo Early Market. Especially recommended for early marketing. Market Gardeners should try this Potato because it is extra early and of a fine quality, cooking well as soon as it attains 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, being excellent till planting time. (See price list.)

Irish Cobbler. A new variety which becomes popular wherever tried on account of its earliness, handsome appearance and excellent quality. Tubers are round and smooth, skin creamy white and often netted flesh white. Try it. We know it will please you. (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 exalted character has not depreciated. (See price list.)

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

Senequa Beauty. This is the best medium late Potato now on the market. The tubers are large and smooth with very few eyes close to the surface and of a beautiful pink color; uniform in size and shape. Is a big yielder, good cooker, ready seller. (See price list.)

Carmen No. 3. This splendid Potato is without exception the greatest yielder ever introduced. It may be fairly claimed that it does not yield any small tubers at all. It bears its tubers very close to the plant, a single turn of the fork turning out every potato. It is of the largest size and of the shapeliest form, almost similar to Carmen No. 1. It is a perfect keeper, that is, it will not sprout up to planting time, unless kept in a warm place. Both skin and flesh are of extreme whiteness. Eyes few and shallow. (See price list.)
Extra Early Six Weeks. This is one of the best quality and largest yielding potatoes of the Extra Early varieties. The tubers are oblong in form, averaging three to four inches in length, light brownish in color, with few eyes, and these very shallow, (See price list.)

Improve Extra Early Ohio. The earliest market potato, is well known and popular. The tubers are of good size, always cook dry and mealy, and can be eaten long before the tops die down. We have a large supply in store of first-class seed stock. (See price list.)

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

Early Maine. This potato originated from seed ball of the Early Rose, resembles its parent in color, but nicer shaped and smoother, and far superior in productiveness and quality. Our stock is very choice. (See price list.)

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SEED SWEET POTATOES

Grown especially for Seed purposes in this State and New Jersey, of the following varieties: Yellow Nansendon, Yellow Jersey. Per lb. 10c.; bushel $2.00; barrel $4.00. Write for special prices for large quantities.

Sweet Potato Plants. Ready May 1st. We make a specialty of supplying first-class Sweet Potato Plants, and we take great pains to send out only such as are strong, vigorous, well rooted and hardy. Write if you want a large lot, as prices may be lower. Price, by mail, 100, 45c.; by express, per 100, 35c.; 1,000 $3.00.

PUMPKIN FOR TABLE AND FIELD

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.

Japanese Pie. Crooked necked, very productive, ripens early; of medium size. Excellent for pies. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

Large Sweet Cheese. Excellent for cooking purposes, orange colored, flesh yellow and sweet, very productive, and excellent for pies, also stock. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 50c.

Large Sugar or Mammoth. Grows to an immense size, often weighing over 200 pounds; very productive; for cattle and table; flesh bright yellow. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

Cushaw. Resembling the White Crookneck-Squash, flesh salmon yellow. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 70c.

Connecticut Field. The common large yellow field Pumpkin, good for stock. Pint 15c.; quart 25c.; bushel $4.00.

Sugar. This great pie Pumpkin is used exclusively in making the celebrated Yankee Pumpkin pies, of fine sugary flavor, fine grained. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 60c.
RADISH

AMERICAN AND FRENCH GROWN RADISHES FOR ALL THE YEAR ROUND.

One ounce will sow 100 feet of drills; 8 to 10 pounds for an acre.

CULTURE.—All the varieties thrive best in light, sandy loam. For early use sow in hotbed, 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 and tender.

All Seeds Saved from Selected and Transplanted Roots.

Special prices for those buying in larger lots. Five pounds of any variety at 10c. less per pound.

EXTRA EARLY AND FORCING VARIETIES.

Extra Early Scarlet Prussian or Vick’s Globe. Eighteen days to maturity. A small-leaved variety, well adapted for forcing under glass, root round and carmine colored, early, very attractive and desirable, fine for forcing. A new color and very choice. Every gardener should have it. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Early Scarlet Forcing 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. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 5c.

Extra Early Scarlet Turnip, White Tipped. A fancy French variety, scarlet bulb with white bottom. Very showy and delicate. Choice variety for forcing and open ground. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 50c.

Early Half Deep Scarlet. Matures in 24 days, is red, and grows from three to four inches. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Wood’s Early Frame. Shorter and thicker than the Long Scarlet Short Top. Best Radish for forcing, also good for outdoor crop, either spring or fall, mild, crisp, of fine flavor. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Market Gardeners’ Early Long Scarlet Short Top. Brightest Scarlet. The well-known Long Red market variety. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 50c.

“Cincinnati Market” Radish. (The Best Long Red Radish in cultivation.) This wonderful new Radish has won special favor in all sections of the country, and sells more readily than any other variety that is put in competition with it on the market. The tops are very small, and the radishes may stand much closer in the rows than Wood’s Early Frame and Long Scarlet without danger of running up to seed. They grow straight and smooth and from six to seven inches in length, the flesh is exceedingly tender, crisp and delicious, never becoming hollow and pithy, the skin is very thin and has an attractive, glossy, scarlet appearance. This is undoubtedly the finest Long Red Radish for every purpose, being equally desirable for the market or home garden. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Livingston’s Pearl Forcing. A cross between Wood’s Early Frame and White Strasburg, making the best half long White Radish for Market Gardeners. Try it. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 75c.

White Lady Finger. Twenty-four days to maturity; quick growing, long, slim, white, a great favorite, the only long early white radish, very crisp and nutty. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Golden Yellow Summer. Expressly grown for us. The best Summer Radish. Shape globular, color amber, flavor mild, keeping long in eating condition; withstands heat well. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Long White Vienna. Beautiful in shape; skin and flesh pure snow white, crisp and of rapid growth. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 70c.

Early Golden Yellow Oval. A comparatively new sort, very popular in the New York market. The roots are oval, very smooth and handsome, bright, light yellow color, and of fine quality. It matures very quickly and has a small top and neck. Our stock is grown from selected roots and is very fine. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 70c.

White Strasburg. It is of a tapering shape, skin and flesh both white. It is an excellent summer variety, being tender, crisp and of fine flavor, and a quick grower. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Improved Charlott. (Scarlet, white tip.) A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet rose, shading into pure waxy white at the tip. Attains a very large size before it becomes unfit for the table. Undoubtedly the best All Seasons Radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 50c.
Fifteen-Day Early Scarlet. This is a most desirable forcing Radish, being ready for table in fifteen days from germination. Color brilliant scarlet, shape round and flat at bottom. Pkt. 5c.; oz. 15c.; 4 oz. 50c.; lb. $1.90.

All Seasons. An oval red Radish, edible at all seasons of the year. The best autumn Radish on the market. Pkt. 5c.; oz. 15c.; 4 oz. 30c.; lb. $1.00.

Celestial. A comparatively new variety, which is popular wherever known. The root is long, cylindrical, with beautiful white skin and flesh, so white as to attract attention even when among the other white varieties. The flesh is tender and of good quality. Pkt. 5c.; oz. 10c.; ½ lb. 25c.; lb. 70c.

Long White Spanish. Fall or winter. A long winter sort, very solid and crisp; long keeping. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Long Black Spanish. Winter. Grows six to eight inches long and about one and one-half inches through the top; skin black, flesh white and of firm texture. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 50c.

Round Black Spanish. Winter. Like the above, except in shape. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 50c.

Russian or California Mammoth White. Grown extensively by Chinese in California; 6 to 10 inches long, 2 to 3 inches in diameter, white, solid, good flavor. Pkt. 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Rose or Scarlet China Winter. A fine winter sort: root a half long stump o' from three to four inches, scarlet and pink in color, tipped with white. Quite salable in market during fall and winter. Keeps perfectly. Paper 5c.; oz. 10c.; ½ lb. 20c.; lb. 60c.

Market Gardeners' Early Long Scarlet.

Horseradish Sets

CULTURE.—Plant at any time during spring, in rows about two feet apart and about eighteen inches apart in the rows. By mail, per doz., 25c.; by express, per 100, 75c.; per 1,000, $8.00.

Rhubarb (Pie-Plant)

One ounce will produce about 1,000 plants.

CULTURE.—Sow in April in drills one inch deep and one foot apart. When the plants are three or four inches high thin out to ten inches apart, and cultivate well during the season. In fall or following spring transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Mammoth Victoria. An excellent cooking variety. Pkt. 5c.; oz. 15c.; ½ lb. Black Spanish. 40c.; lb. $1.25.

Rhubarb Roots. Each, 10c.; doz. 75; 100, $4.50. By mail, postpaid, 20c. each or $2.00 per dozen. Special prices on sizes, quality and quantities on application.

Salsify (Vegetable Oysters)

When properly cooked it is a good substitute for Oysters in taste and flavor, and is very nutritious.

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 deep and very 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 fifty feet of drill.

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. Pkt. 5c.; oz. 10c.; 1 oz. 35c.; lb. $1.25.

Sorrel

This is cultivated for its leaves, which possess a very fine flavor when boiled and served like Spinach. Also makes delicious soups.

Broad Leaved. The best for general use. Pkt. 5c.; oz. 15c.; ½ lb. 40c.; lb. $1.25.
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, or broadcast as preferred, 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 Thick Round-Leaved. The market gardeners' favorite for spring or fall sowing. Very hardy and large crop. Pkt. 5c.; 2 oz. 10c.; 4 oz. 15c.; lb. 25c.

New Long-Standing. Will stand an unusually long time before running to seed—in other respects it resembles the round-leaved closely. Pkt. 5c.; 2 oz. 10c.; 4 oz. 15c.; lb. 25c.

Victoria. (New). A favorite with market gardeners. Broad dark green leaves, heavy foliage, tender, and keeps in good condition the longest of all Spinach. Pkt. 5c.; 2 oz. 10c.; 4 oz. 15c.; lb. 30c.

New Long-Standing Spinach.

SQUASH—SELECTED SEED

Special Price to Large Buyers.

CULTURE.—Plant after all danger from frost is past, and get it 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 bush varieties for forty hills, or of large seeded running kinds, fifteen hills; three or four pounds for an acre.

True Hubbard. Generally considered the leading Squash for fall and winter use—good in any climate, hard skinned, splendid keeper—flashy dark yellow, fine grained, very dry and rich; very prolific. We offer a very carefully grown stock. Pkt. 5c.; oz. 10c.; 4 oz. 20c.; lb. 65c.

Toledo Warted Hubbard Squash. For years it has been our aim to get an improved strain of Hubbard Squash. We finally succeeded, and now offer to our friends the Toledo Warted Squash (similar to the so-called Chicago), which we claim is the best strain in the market. A Hubbard Squash, large, blackish green, hard as wood, with warty knott all over it, satisifies even the inexperienced observer that it is the best of its class. Rich in quality, a keeper and thick fleshed—such as will sell at sight. Our strain of the above will produce mainly the type shown in the accompanying cut, which we consider the ideal Hubbard for home or market. Pkt. 5c.; oz. 10c.; 4 lb. 20c.; lb. 75c.

Mammoth White Bush Scallop. An excellent large strain, earlier than the common stock, creamy white and average double in size; prolific bearer; a splendid variety for market, and the best of all for southern shippers. Pkt. 5c.; oz. 10c.; 4 lb. 20c.; lb. 65c.

Extra Large Golden Custard Bush Scallop. Decidedly the best strain. It has been selected and grown for years until it has doubled in size, and at the same time lost none of its other good points, such as earliness, quality and productiveness. Pkt. 5c.; oz. 10c.; 4 lb. 20c.; lb. 75c.

Boston Marrow. Extensively grown and most profitable for winter use and canning. Flesh orange, fine grained, splendid for pies and as a winter keeper. Pkt. 5c.; oz. 10c.; 4 lb. 20c.; lb. 60c.; 5 lbs. and over, 50c. per lb.

Mammoth Chili. True stock ("Jumbo"). The "big" exhibition Squash, the largest of all, often weighing over 250 lbs. There is a record of one Squash having been grown that weighed 252 lbs. The flesh is very thick and a rich yellow color, skin smooth and bright orange color. Pkt. 5c.; oz. 10c.; 4 lb. 30c.; lb. 85c.

Golden Hubbard. Pkt. 5c.; oz. 10c.; 4 lb. 20c.; lb. 75c.

FOR BUGS AND FLIES USE

SLUG SHOT.

Mammoth Chili Squash.
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 pick them out singly in small pots and transplant carefully in frames; when danger of frost is past, plant out in sheltered situation, where they may have full influence of the sun. To hasten maturity of the first fruit which sets, pinch off extremities of the tops.

Sparks' Karliana. The earliest smooth, bright red Tomato of good size and flavor that can be had. It is the early Tomatoes that our market gardeners bring to the city that make the most money, oftentimes selling from $2.50 to $3.00 per peck wholesale. We consider this the finest flavor and shape, the fruit deep scarlet in color, smooth and solid and free from ribs or cracks. The flesh is deep red, with solid center and small seed cells. Give it a trial. Pkt. 5¢; oz. 25c.; ¼ lb. 75c.; lb. $2.75.

June Pink Tomato. A new money-maker just introduced. This Tomato is as early as the Sparks' Karliana, but the fruit is pink instead of red in color, and about two weeks ahead of Chalk's Early Jewel. Pkt. 5¢; oz. 25c.; ¼ lb. $1.00.

Livingston's Globe. Very distinctive in shape. Fruit large, firm and smooth, color fine glossy rose tinged with purple; Pkt. 5¢; oz. 35c.; ¼ lb. 90c.; lb. $2.00.

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. 5¢; oz. 25c.; ¼ lb. 50c.; lb. $1.75.

Dwarf Arboeort. An early dwarf Tomato; medium size, bright red fruit. Pkt. 5¢; oz. 25c.; ¼ lb. 75c.; lb. $2.75.

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. 5¢; ¼ oz. 15c.; ¼ lb. 25¢.; lb. $2.25.

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. 5¢; oz. 20c.; ¼ lb. 60c.; lb. $2.25.

New Beauty. Well named. Fruit large and showy, color deep red, with a slight tone of purple; growing in clusters. Solid, meaty, smooth, and free from rot or green core, a good sort for shipping. Bird on account of its solidity and toughness of skin. Certain to give satisfaction. Keeps well. Pkt. 5¢; oz. 20c.; ¼ lb. 65c.; lb. $2.25.

New Peach. The most distinct Tomato ever introduced; the fruit resembles the Peach in shape and color—which is deep rose and amber. Fruits are showy and very markedly fruity and delicious. Pkt. 5¢; oz. 25c.; ¼ lb. 60c.; lb. $2.25.

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. 5¢; oz. 20c.; ¼ lb. 60c.; lb. $2.25.

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 catup maker. Pkt. 5¢; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

New Buckeye State Tomato. A fine, new, extra large sort, nearly one-half larger than the Beauty; deep color, heavy and of splendid quality. Pkt. 5¢; oz. 20c.; ¼ lb. 60c.; lb. $2.25.

Yellow Plum or Pear. A small yellow variety used for pickling. Pkt. 5¢; oz. 20c.; ¼ lb. 75c.; lb. $2.00.

Paragon. One of the old varieties, medium in ripening, large size, color deep red. Pkt. 5¢; oz. 20c.; ¼ lb. 60c.; lb. $2.25.

Atlantic Prize. Early, smooth, bright red and solid. Pkt. 5¢; oz. 20c.; ¼ lb. 60c.; lb. $2.00.

Ponderosa. In growing we have found it of immense size, solid, almost seedless, and of good sub-acid flavor. The single fruits were large, but somewhat scattered on the vine, and did not yield nearly so much as the Beauty and other varieties. Pkt. 5¢; oz. 30c.; ¼ lb. 85c.; lb. $3.00.

Mansfield Extra Early Tree Tomato. This variety has been or one of the most careful selection and special methods until it has attained the height of ten feet for the tree, and a weight for a single Tomato of 20 ounces, and six inches in diameter, with testimonials of over 50 pounds of ripe fruit to a single tree, of a quality that surpasses all others. Fruit ripens from July 4th until frost; they are sold all the way through as a hard-boiled egg, and but few seeds in a Tomato. Pkt. 10c.; ½ oz. 15c.; 0z. 25c.; ¼ lb. 85c.; lb. $3.00.

Livingston's Dwarf Stone Tomato. In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape, and what is more remarkable, for an erect sort, it is about the same size. Specimens weighing one pound each are quite common. The New Dwarf Stone is fully double the size of Dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. In small gardens the plants may be set 15 x 24 inches apart each way, and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens very evenly, and is of most excellent quality. Pkt. 5¢; ½ oz. 15c.; oz. 25c.; ¼ lb. 85c.; lb. $3.00.

Early Michigan. A general crop Tomato; fruit large size; deep, rich color. Pkt. 5¢; oz. 25c.; ¼ lb. 60c.; lb. $2.25.

Matchless. This is a large fruited, cardinal red Tomato, ripening a few days earlier than the Stone. One of the best for general crop. Pkt. 5¢; oz. 25c.; ¼ lb. 60c.; lb. $2.00.

Tomato Plants. Ready May 1st. Strong transplanted plants. By mail, dozen, 25c.; 100, $1.00. By express, per 100, 75c.; 1,000, $1.00.
LIST OF SELECTED TURNIPS AND RUTABAGAS

One and one-half pounds to the acre.

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 drills 15 inches apart, and thinning to six inches in the drill. The Early White Egg is the Market Gardeens' Turnip.

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.) Pkt. 5c.; oz. 10c.; 4 oz. 25c.; lb. 75c.

Early Flat Red or Purple-Top. (Strap-leaved.) The standard for this country. Superior for early or late planting. Round, flat, good sized, small top, with but few leaves, flesh very fine grained, flavor good. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 40c.

Amber Globe. This we recommend highly, and is almost indispensable in every rural household for its table use or stock. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

Large Early Purple-Top Globe. Similar to above except shape. This is the largest variety of any turnip on the list, and very desirable for table or stock. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 40c.

Extra Early Strap Leaf. Extra Early Purple-Top Milan. Very early and particularly desirable for the table, flesh firm and fine grained, sweet and sugary, and of snowy whiteness, shape good. For spring or fall sowing. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

Extra Early Dutch. Rather flat, good white early sort. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

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. Pkt. 5c.; oz. 10c.; 4 oz. 25c.; lb. 75c.

Long Cowhorn. Carrot-shaped, short, of delicate flavor for table. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

Pomeranian White Globe. (Strap-leaved.) This is a free-growing, rough-leaved sort, useful for both table and stock, and may be recommended for both purposes. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

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. 25c.; lb. 50c.

Sweet German. This variety partakes largely of the nature of the Rutabaga, 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. 15c.; lb. 50c.

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. 15c.; lb. 50c.

The Monarch Swede. This new and distinct form of Rutabagas we believe by far the best of all. The bulbs are of tunkard shape, with very small neck, skin dark, red above ground and yellow below, flesh rich yellow, fine grained and best quality. For earliness, quality and weight, it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock fed on it. Monarch Swede is of handsome shape and distinct appearance. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

Improved American Purple-Top Rutabaga. The leading variety and largely grown for stock as well as family use, hardy, productive, solid, sweet. Pkt. 5c.; oz. 10c.; 4 oz. 15c.; lb. 50c.

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

TOBACCO SEED

Sow the seed in frames the latter part of March, or in open ground when the soil has become settled and warm. Keep well watered; and when the plants are two inches high they may be transplanted in rows three feet apart each way. Tobacco requires a very rich, light mellow soil.

Sweet German.

Connecticut Seed Leaf. Best 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.; ounce 50c.

Ohio Seed Leaf. Pkt. 10c.; ounce 75c.

Imported Havana. Pure Cuban grown seed, and when grown in this country commands a high price for cigar stock. Pkt. 10c.; ounce 75c.

White Burley. Improved, the Western favorite. Pkt. 15c.; ounce 75c.

Zimmer's Spanish. Pkt. 10c.; ounce 75c.

The Monarch Swede.
SEEDS OF SWEET, POT AND MEDICINAL HERBS

Aromatic herbs are those which possess medicinal as well as culinary properties, and should be found in every garden. They impart a pleasant, spicy odor, and are quite savory to the taste. To secure the herbs for use cut them on a sunny day, and spread thin in the shade to dry.

Those marked with an asterisk (*) are perennial.

Anise (Pimpinella anisum). Used for cordial, garnishing and flavoring; the seeds have an agreeable, aromatic taste. Pkt. 5c.; oz. 10c.; ¼ lb. 30c.

Balm (Melissa officinalis). The leaves have a fragrant odor, and are used for making a pleasant beverage known as balm wine; also for balm tea, for use in fevers. Per pkt. 5c.; oz. 25c.

Basil, Sweet (Ocimum basilicum). The leaves are used for flavoring soups, stews, and highly seasoned dishes. Per pkt. 5c.; oz. 15c.

Bee, Sweet (Melissa officinalis). Too tender for the North, but much used in the South. The seeds furnish an oil used for softening and whitening the skin. The leaves immersed in water make a drink very beneficial for diarrhoea.

By Bill, 500 roots. $2.50; 1,000 roots. $5.00.

Conover's Colossal. By mail, postpaid, 50 roots, 50c.; 100 roots, 90c. By express, not prepaid, 100 roots, 75c.; 200 roots, 1.50; 500 roots, $1.20.

Hay. By mail, postpaid, 50 roots, 75c.; 100 roots, 1.25. By express, not prepaid, 100 roots, 60c.; 500 roots, $2.50; 1,000 roots, $1.50.

Harr's Mammoth. By mail, postpaid, 50 roots, 75c.; 100 roots, $1.25. By express, not prepaid, 100 roots, 60c.; 500 roots, $2.50; 1,000 roots, $1.50.

**BEETS.**

**CABBAGE.**

**CAULIFLOWER.**

**CELERY.**

**CEPPE.**

Chinese Giant. By mail, 50c. per 100. By express, 100, $1.00. By express, 100, $1.25; 1,000, $2.00.

**CABBAGE.**

From January 15 to May 15. By mail, 75c. per 100. By express, 100, 50c.; 1,000, $2.00.

From June 1 to August 1. By mail, 75c. per 100. By express, 100, 40c.; 1,000, $2.00.

**CELERIAC.**

By mail, 75c. per 100. By express, 100, 50c.; 1,000, $2.00.

**CHINESE CABBAGE.**

By mail, $1.25 per 100. By express, $1.00. By express, 100, 50c.; 1,000, $2.50.

**CABBAGE.**

By mail, 75c. per 100. By express, 100, 50c.; 1,000, $2.00.

**CABBAGE.**

By mail, 75c. per 100. By express, 100, 50c.; 1,000, $2.00.

**CEPPE.**

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FIELD SEED DEPARTMENT

We are reenlers of all kinds of field seeds, having power cleaners operated by electric motor, and can give you as even grades of field seeds as can be bought anywhere. Send your order to us when you want the very best seed. (Cotton Bags 25 cents.)

CHOICE SPRING SEED BARLEY.

(48 lbs. to bushel.)

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

NOTE.—This crop is receiving more attention in some sections of the country than formerly, and is now considered more profitable than the wheat crop. It brings a fair price on the market, and makes excellent feed for stock. The best soil for barley is a light, friable loam, but it does well on most clay lands that receive good cultivation and are properly drained.

Ohio Beardless Barley. This beardless Barley is of recent introduction, and we know will please our friends. Like other grain, large yields cannot be had each year, but on average, the reported immeasurable yields are reported to be 60 bushels or more, and the straw is therefore good for all purposes. The straw is stiff and will stand up on any soil, and will produce 80 bushels and more to the acre. Every farmer should try it, as it can be sown early; frost will not hurt it; weights twice what oats does per bushel, so worth more to the farmer as a crop. Be sure to try it. Price, peck 40c.; bushel $1.25. In lots of 10 bushels and over, special price.

Immunary Barley is one of the very best six-rowed Barleys grown; for malting it is the very best known; is early in rising, which helps it to fill well, thus it always fills its space; six-rowed has a strong upright straw that makes it easy to handle and produces from 50 to 80 bushels per acre. Heads of this Barley are very long and contain 75 to 150 heavy kernels of grain. Peck 40c.; bushel $1.25. Special price for 10 bushels and more.

SEED BUCKWHEAT.

(50 lbs. to bushel.)

Sow from three pecks to a bushel to the acre.

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

Early Japanese. Sown at the same time with Silver Hull, is about two weeks earlier. Peck $0.50; bushel $1.25.

European Silver Hull Buckwheat. Yields more and produces more flour than the common, is longer in bloom than the ordinary, and has very thin, grain is rounder, of a beautiful light gray color. Peck 40c.; bushel $1.25.

Common Gray. The old, well-known sort. Peck 30c.; bushel $1.00.

For large lots special prices on application.

IMPROVED BROOM CORN.

48 lbs. to bushel. Sow from 10 to 12 quarts per acre.

Improved Evergreen. The Improved Evergreen Broomcorn grows about seven to nine feet high, stands up well in wind, free from crooked brush. 100 bushels from one acre. Price, shelled, peck 40c.; bushel $1.25; in bags of 50 bushels $2.50.

FOODER AND ENSEILAGE CORN.

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, 10c. per lb.; 10 lbs. 65c.; 50 to 100 lbs. 5c. lb.

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 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 stock, as they will get better results than feeding common field corn. Also excellent for silking. Sow thickly in drills or broadcast, at the rate of two or three bushels per acre. Peck 75c.; bushel $2.50.

SUGAR CANE SEED.

Drill, 4 to 6 lbs. per acre; broadcast, 10 to 12 lbs.

Early Amber. This is a standard variety now being successfully grown even in the extreme northern latitudes. It may be planted as late as the 15th 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. Our stock is choice. Price, 10c. per lb.; 10 lbs. 65c.; 50 to 100 lbs. 5c. lb.

Early Orange. Another favorite sort. Price, 10c. per lb.; 10 lbs. 65c.; 50 to 100 lbs. 5c. lb.

SORGHUM FOR STOCK FODDER.

Sow different times up to July 15, at the rate of 30 lbs. per acre. Dairymen, and in fact every farmer, should grow it for horses, cattle and hogs, as they eagerly eat and relish it, and nothing pays better. Dairymen especially should especially should grow this sugar cane seed, as it gives them the best green food for horses during the time when pasture is dried up, and will produce more and better milk than any other forage plant, even clover. 8c. per lb.; 10 lbs. 50c.; 20 lbs. 90c.; 50 to 100 lbs. 4c. per lb.

NON-SACCHARINE SORGHUMS.

5 to 6 pounds will plant an acre.

These varieties bear warm weather well. They grow on any land where corn will, even on land too poor for corn.

Kaffir Corn or Sorghum. Kaffir Corn is now successfully cultivated for both forage and grain, and in all sections of the United States. It is the best general purpose plant for 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 as 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 good second crop to feed green or dry for winter. Per lb. 10c.; 10 lbs. 40c.; 30 lbs. 60c.; 50 to 100 lbs. 75c. per lb.
We have for years made a careful study of the best varieties of Corn grown in the United States, and fully appreciate the great importance of the former of good Seed Corn in the section of the United States, 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 far better yield than the Western-grown. Our Seed Corn will do better in the West than their own plantings. 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, thorough testing of the best varieties, thoroughly tested and of the best qualities only. We make it an irrevocable rule to test our Seeds carefully before sending out, and our customers may depend upon getting Seed Corn that will grow perfectly under favorable circumstances. Simple ears will be sent by mail to any address. 25 cents extra for cotton bags, f.o.b. Toledo.

A bushel of Corn (either 56 lbs. shelled or 68 lbs. in the ear) will plant from seven to eight acres of land.

**Ohio Early Gold Blue Corn.** Is the best Yellow Corn that grows, also the easiest to harvest only a few days after maturity. It is early, plucking only as ripe as soon as possible. The Pride of the North; ears are of good size and symmetrical; color, a bright golden yellow, as handsome as a twenty-dollar gold coin just from the mint; grain is very deep, cob small, and therefore of high value at up to very early ears of either small or extra long size, will make sixty to sixty-two pounds of shelled corn, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon. Price, peck 45 c.; bushel $1.50.

**Longellow Flint.** An eight-rowed Yellow flint variety. Ears from 10 to 15 in. long, shape shown in illustration, 1½ to 1¾ inches in diameter, well filled out to extreme end of cob. Cob small, kernels large and broad. Ear 26 c.; quart 29 c.; peck 50 c.; bushel $1.75.

**Thoroughbred Rural Early Large White Flint Corn.** This large early White Flint Corn was the first for the purpose by the "Rural New Yorker," and it has proved itself to be the largest early Flint Corn in cultivation; a wonderful yielder, from three to four ears of 12 to 15 inches on one stalk; strong grower even on light soil. Quart 20 c.; peck 50 c.; bushel $1.75.

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

**Extra Early Huron Dent Corn.** After a trial on a large scale, we have concluded that this is the earliest Dent Corn grown. Good size stalk and ear, small red cob, long deep starchy, very rich in kernels, and is one of the very early Dent Corn known. Ears wonderfully perfect, grained even on both ends of cob; has quick, rank, strong growth, and is a very productive; it is the earliest of all extra early varieties. Our supply is genuine and from the originator's stock, strictly pure and carefully selected. Quart 20 c.; peck 50 c.; bushel $1.50.

**Munroe Early Extra Early Gilbane.** A hybridized Yellow Dent and Flint Corn; a beautiful light yellow, kernels two-thirds of an inch broad, eight-rowed, grows of medium height, enormous yielder, two to four good sized ears on stalk; the earliest of all the South will make a crop and ripen if planted as late as July 1st. The finest kind for meal and stock. By mail, ear 26 c.; quart 30 c. By express, peck 50 c.; bushel $1.50.

**New White Cap Early Yellow Dent Corn.** This new Corn has shown more fine quality than any ear cultivated. The size of the cob on this cultivation. The time of ripening on this Corn is earlier and last points that are the best and we are very happy to recommend this Corn to our friends, and hope they will give it a trial. Price per peck, 40 c.; bushel $.50.

**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 musky excellent feed, and the most mild meal, its quality not being surpassed by any other known variety. The ears are large and handsome, with very large, deep grain of deep orange color, and red cob. Produces two good ears to each stalk, and husks and shells easily; good producer. Price, quart 20 c.; peck 40 c.; bushel $.50.

**Ch allage Early Yellow Dent Corn.** This is an Early Yellow Dent Corn, and suitable, if necessary, for winter planting. The Ohio State Board of Agriculture grew it on the grounds of the State Experiment at Upper Sandusky, give it its name. We report the highest recommend of all the early varieties of Yellow Dent Corn, in carliness, the number of bushels to the acre, average ears to each stalk, size of ears and least per cent. of cob. It is of good, bright color, car very even in size its entire length, and kernels square in rows; 14 to 18 rows; it is a week earlier than any other Dent Corn, and large ears. We introduced this valuable variety of corn years ago, and must say that we never sold Seed Corn which gave such universal satisfaction. Quart 20 c.; peck 40 c.; bushel $.50.

**Boone County Special.** A highly bred, pure White Corn, with ears 9 to 12 inches long and 7 to 8 inches in circumference. An all around good corn for all kinds of soils; particularly good for old fields. Bushel $1.50.

**Funk's Yellow Dent.** This Corn is of light golden color; ears 9 to 11 inches long and 5 to 6 inches in circumference. Has an abundance of foliage and compares well with the Improved Leaming in this respect. Bushel $1.50.
SEED OATS

Choice Selected Northern-Grown Seed, Thoroughly Reclaimed.

We are not great believers in farming at all costs and for all purposes, 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 our seed, and carefully selected and looked after. We feel justified in saying that oats, in preference to the light, mixed, chafy kinds, that only yield half a crop of inferior quality? Cotton bags extra, 25 cents each.

Swedish Select Oats. A variety introduced from Russia by the Department of Agriculture some time ago and now well acclimated in the U. S. The straw is coarse and noted for its stiffness and power to withstand lodging. The grains are pure white in color; large, thin, and plump, making a very handsome appearance. They heads are large, upright and bushy; they are also nearly all neat, the hull being exceedingly thin, making them especially valuable as a feeding grain. Their great root formation enables them to weather storms better than most others. They are quite early and are less liable to smut and rust than most any other sort. Price, peck 35c.; bushel $1.25; 10 bushels and over, $1.00 per bushel.

Improved American Banner Oats. We offer you carefully selected stock. The result of this care in selection is shown in the crop, which is the finest ever grown, and averaging upwards of 50 bushels to the acre. So that the seed now offered as The Improved American Banner Oats is the very best, and every one alike. This wonderful grain stands the test even in the driest seasons, and to-day, after hundreds of trials in all parts of the country, its fame is higher and more secure than ever before. Reports from all sections indicate a satisfaction that is truly gratifying, but not more than was expected when it was first sent out. For it had been thoroughly tried and proved to be the most popular variety of Oats on record. One hundred bushels to the acre have been raised, and that certainly ought to satisfy the most exacting. On fields to which no fertilizer has been applied for two years, 70 bushels to the acre have been produced. This year all that has been claimed for it has again been realized, and so it stands to-day as the Improved American Banner Oats. An average of 50 pounds has been raised from a single pound of seed—30 pounds in excess of what was claimed for it when first introduced.

The grain is white, large and plump; ripens early, has a stiff straw of good length. It teters freely and throws up a large number of stems, and therefore can be sown thinner than ordinary varieties. The straw is nearly rust-proof as any Oats we have ever known. We urge you to try the variety. An Oat that will yield 60 to 80 bushels to the acre with ordinary culture is good enough to raise and good enough for everybody to make a trial of. On good soil and with good weather it will go far ahead.

Prices, postpaid, per pound, 20c.; 3 pounds 40c. By express or freight, at expense of purchaser, per peck 25c.; per bushel 90c.; 10 bushel lots 85c. per bu. For large quantities, special prices on application.

Improved Black Tarrius. These Oats were grown specially for seed from pure imported stock. This is the kind of Oat we have grown in sufficient quantity that you have a good 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 160 bushels to the acre with only ordinary culture. The cross of this stock where Oats are grown absolutely rust-proof and where winters are severe. The Oat that we have grown from this stock has yielded 48 pounds to the measured bushel. Price 25c.; per bushel 90c.; 10 bushels over 85c., a bushel. Largers lots special price. Samples mailed on application.

Famous Lincoln Oats. We have had grown for us very carefully, a large stock of these New Lincoln White Oats, introduced in the Western States with such grand results as to its wonderful productiveness, some reporting as high as 174 bushels from a single bushel of seed sown: claiming to have a remarkably heavy straw, standing up well on all kinds of soil; very early, and so far proven entirely rust-proof; it is very valuable for seeding on account of its thin hull, heavy meat and soft nub. From what reports we have we think these Oats ought to be grown by every progressive agriculturist, especially when the price we offer them is so reasonable.

Price, peck 25c.; per bushel 90c.; 10 bushels under 85c., a bushel; large lots, special price.

New Sensation White Oats. These Oats are of our own raising and are about 10 days earlier than the Mammoth. They do well in either heavy or light soil, and 40 bushels of the best grades were raised on a single peck of seed.

Canadian Field Peas. From one to two bushels, according to soil, are sufficient to sow per acre. Bushel $1.75; peck 50c.; quart 19c.; pint 5c. Special prices on 10 bushels or over.

Cow Peas (Whip-poor-will), and Other Varieties. The best for seeding. Broadcast 1% bu. per acre. Nothing better for stock of all kinds, green or dry state. Quart 20c.; bushel $3.00. Special prices for 10 bushels and larger orders.

RAPE SEED.

(Sow 5 lbs. per acre.)

True Dwarf Essex English Rape Seed. Mr. Owen, of Norfolk, a customer of ours, seeded three-fourths of an acre to Rape and pastured 60 hogs on it all season, and they grew fat. The hogs had access to this field at will, and at the end of the season we tried it. Millions of hogs could feed on this field, and on an average one acre will carry fifteen to eighteen sheep six weeks to two months. There are several varieties of Rape, but care should be taken to procure the genuine Dwarf Essex, which does not seed the same season as sow, and seed is larger than the ordinary. The quality of this seed is so good that it is sold at $1.00 per bushel.

RAPE SEED.

(Sow from 1 to 1½ bushels per acre.)

Very little attention has been paid to oil rye in this country until lately, but recent experiments have shown that it pays as well to feed the Rape crop liberally as almost any other. It is a good crop to grow for green manuring. We know of some farmers on clay lands who grow corn every year and keep up the fertility of the soil by using fertilizers and rye as a catch crop, which turned under in the spring keeps plenty of humus in the soil and the land improving all the time.

Spring Rape. For early seeding. Per peck, 40c.; bushel, $1.50. Mammoth White Rape. For fall seeding. Per peck, 30c.; bushel, $1.00.

SEED RYE.

(Sow from 1 to 1½ bushels per acre.)

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Spring Rye. For early seeding. Per peck, 40c.; bushel, $1.50. Mammoth White Rye. For fall seeding. Per peck, 30c.; bushel, $1.00.
OUR SPECIAL GRASS MIXTURE
FOR HAY AND PERMANENT PASTURES.

Buy good, first-class Seed, and although high priced to start with, saves Money, Time and Labor in the Long Run.

No Phosphate Used. Pioneer Manatee Valley Phosphate Used.

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

GRASS MIXTURES FOR PERMANENT PASTURES.

The past years have demonstrated the necessity of devoting more attention to good pastures. A pasture or meadow of Mixed Grasses is far superior to Clover and Timothy.

There is an increasing demand for grass seeds for remaining down for two or more years, and 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.

No. 1. Grass Mixture for Permanent Pasture. 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 powers 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, 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. Per lb. 10c., per 100 lbs. $1.00.

No. 2. For Moving and Grazing in Orchards and Shaded Situations. English Rye Grass, Timothy, Meadow Poftall Grass, Orchard Grass, Wood Meadow Grass, Italian Rye Grass, Tall Meadow Oat Grass, Mammoth Clover, Red Top Grass and White Clover, all permitting a heavy growth of pastures. Allowing 20 pounds per acre. Per lb. 10c., per 100 lbs. $1.00 winter weather. Per lb. 15c., per 100 lbs. $1.50.

No. 3. For Pastures on Any Soils. Timothy, Meadow Fescue or English Blue Grass, Meadow Poftall Grass, Red Top Grass, Orchard Grass, Kentucky Blue Grass, Lucerne Clover, Alsike Clover, White Clover. Allowing 20 pounds per acre. Per lb. 15c., per 100 lbs. $1.50.

No. 4. For Ordinary Pasture. Orchard Grass, Kentucky Blue Grass, Timothy, Red Top, Red and Alsike Clover Seed, Allowing 25 pounds per acre. Per lb. 10c., per 100 lbs. $1.00.

No. 5. For Wood and New Ground Pasture. We have a mixture of the following grasses, which we offer at such price that any one who has any room and need for same will no doubt avail themselves of our very low offer: Orchard Grass, Blue Grass, Red Top Grass, Timothy, low-grade Alsike and other Clossers. Allowing 30 pounds per acre. Per lb. 12c., $1.00 per 100 lbs.

Grasses and Clover Seed. We issue a daily price list of all Clossers, Timothy and other Grass and Farm Seeds, which will be sent free upon application.

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 for poultry and the manufacture of oil. It is also planted with satisfactory results on low, swampy ground, to avoid misasna.

Mammoth Russian. Striped seed. Price per lb. 10c.; 50 lbs. and upward 6c. per lb. This is one of the best egg-producing foods known for poultry, keeping them in fine condition. Cotton bags, 25c.

VETCHES OR TARES.

Sow 50 lbs. per acre with one-half bushel grain to hold up.

Kidney Vetch. Price 25c. lb., not prepaid. Per 100 lbs. $2.50.

Spring Vetches or Tares. Price 35c. lb., not prepaid. Per 100 lbs. $6.50.

The Hairy or Sand Vetch. (Vicia Villorum.) This has proved to be the most valuable of all Vetches. It succeeds on all soils and does not suffer from extreme drought, heat or cold. Sown in spring or fall it quickly produces a most luxuriant growth. The vines are very similar to Pea vines, but more slender and much more thickly clad with leaves and side stems, so will furnish the very best of feed. From tests made by Ohio's Department of Agriculture, the Hairy or Sand Vetches do well and will remain green throughout all but the most severe winter weather. Makes as good hay as Mammoth Clover and cattle eat it as readily. A good plan is to seed with Rye in the fall of the year, as the rye helps to keep it loose and hold it up so that it can be cut more easily. For reclaiming sandy soils it has no equal. Try It. Price, 10c. lb., not prepaid, $5.00 per 100 lbs. by freight or express.

GINSENG.
High-Grade Extra Clean Clovers, Timothy and Other Grass Seeds.

Alfalfa or Lucerne Clover (Medicago Sativa). Alfalfa is a wonderful forage, fertilizer and hay plant; the greatest cropper of all Clover and Grass varieties; will produce three to four crops in the season. In California and Mexico seven crops; will thrive and grow on dry, barren, sandy, gravelly and hilly land, where no other plant will grow. 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. The crop is a short one this year. It is now grown successfully in Ohio. Seed can be sown either in the spring or fall at the rate of 15 to 20 lbs. per acre, the best months for seeding being May and August. Be sure the land you seed to alfalfa has good surface drainage, in the lower sections of the land, and in time of heavy rain, as it is certain to kill it out. For a nurse crop use Oats and Beardless Barley. Price: 30c., postpaid 40c.; bushel, $1.10. Market price in quantity.

Turkestian Alfalfa Clover. Imported from Turkestan and said to be more nutritious than anyfine-grained seed. Price: 30c., postpaid 40c.; 40c. Market price in quantity.

Alsike Clover. Swiss Clover (Trifolium Hybridum). So called from being intermediate in its appearance between the Red and White Clovers, possessing qualities common to both, being hardy and improved from improving poor land it has no equal. It succeeds on nearly every kind of soil, and is now grown largely in all the Middle States, and has succeeded in every State in the Union where tried. Sow 20 pounds to the acre. Pound 20c.; postpaid, 30c., bushel of 60 lbs. $5.00.

Crimson or Scarlet Clover (Trifolium incarnatum). Is an annual variety in common use in Europe, France, Italy, and of late in this country. The best time for sowing is in the early fall. It is a rapid grower; the yield is large, and makes a good green hay. In fall and early spring it has no equal. Sow also in the months of April and May. Has been known as a good field grass, but not as a hay crop. It is very productive, sweet and permanent. Is valuable for pasturing or sowing; makes the finest hay sown with or without Timothy. The flowers are a distinct light pink and afford fine pasture. Price 30c., postpaid 40c.; bushel, $1.10. Market price in quantity.

This seed has in former years been mostly sold for export, but there is a growing demand for same in this country, as it makes one of the best forage and hay crops and good yield in seed.

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. Per pound 20c.; postpaid 30c. Market price in quantity.

Salafain (Onobrychis sativa) a perennial leguminous plant of Alfalfa Clover Family. Is valuable for growing on barren hillsides, and when once established lasts for many years. Per pound 15c.; per hundred pounds $10.00.

Bermuda Grass (Cynodon dactylon). A most valuable Grass for our Southern States. It cannot endure hard frosts, therefore not good in the Northern States. Is of dwarf habit, with long creeping stems, rooting at the joints. Makes a matted turf and will keep up well under poor manuring. Per pound 15c.; bushel 50 lbs. $3.00.

Bromus Inermis (Awnless or smooth Bromo Grass). A hardy perennial Grass growing from 3 to 5 feet high and standing extremes of heat, cold and drought better than any of our cultivated Grasses. Yields big crops of hay, but much inferior to that of our standard native sorts. Has creeping roots, spreading rapidly under ground and giving out new plants, therefore hard to eradicate when once established. Sow in spring or fall at the rate of from 12 to 20 lbs. per acre. Per pound, 20c.; bushel 12 lbs. $1.40.

Bromus Inermis.
Bench Grass (Ammophila Arenicola). Valuable on the sandy seashore, canal and railway banks, etc. With its strong, wide-spreading roots it binds the drifting sands into natural embankments against the action of wind and waves. Price, per lb. 40c.; bushel 15 lbs. $5.50.

Kentucky Blue Grass (Poa pratensis). Kentucky (not Canada) Blue Grass crop was an average one this season. It is particularly valuable, being of dwarf growth; therefore not so well suited for meadows. Unexcelled for lawns. If let grow up in fall without grazing, makes good winter pasture. One seed is all new crop. Kentucky grown and the best grade, "Fancy Cleaned." Beware of the Canada blue grass, which does not make as good pasture as the Kentucky, and the seed contains a considerable proportion of Canadian thistle, which would be a great damage to any farmer, but can be purchased at about half price. Sow 28 pounds per acre for pasture and 40 to 50 pounds for lawns. Extra choice: Bushel $2.00; peck 60c.; pound by mail 5c. Fancy: bushel, $2.25; peck 75c.; pound by mail 5c. For large orders, special price. We can furnish a lower grade (extra clean) Kentucky Blue Grass at $1.50 a bushel, but there is but little vitality left in it and we do not recommend it.

Creeping Bent Grass (Agrostis stolonifera). This grass prefers low bottom lands, especially if somewhat sandy; is of rapid growth, spreading habit, and its creeping, rooting stems make a strong, enduring turf that is positively improved by constant trimming. Forty-five pounds should be sown per acre. Price, per lb. 40c.; per bushel of 25 lbs. $8.30.

Crested Dog's-Tail (Cynosurus Cristatus). A Perennial Grass that thrives both on hilly and bottom lands, in the shade and open; accommodates itself to any soils. Sow 30 pounds per acre. Price, per lb. 40c.; per bushel of 25 lbs. $8.30.

English Perennial Rye Grass (Lolium perenne). Largely used in Pasture Mixtures. It makes a rich green sod and nutritious hay, and lasts for several years. Price, per lb. 10c.; bushel of 22 lbs. $2.90.

Hard Fescue (Festuca Duriuscula). A Permanent Grass for dry, sandy lands; also shallow, silicious soils. It is extremely hardy and withstands extremes of heat and cold and also long periods of drought. Height 1 to 2 feet; 30 pounds to the acre. Price, per lb. 25c.; per bushel of 20 lbs. $3.00.

Hungarian Grass. A valuable forage grass and hay, both because of its foliage and its growth; early; resists drought; does well on light soil. Sow one bushel per acre. Bushel 48 pounds. Lowest market price.

Italian Rye Grass (Lolium Italicum). A remarkably rapid growing Grass that under the most favorable conditions will last two years; is an annual only. Withstands extreme heat and cold, valuable to mix with other grasses. Height 1½ to 2½ ft. Price, per lb. 10c.; per bushel of 22 lbs. $2.90.

Johnson Grass. A valuable Southern Fodder Plant, to be sown in August and September at the rate of 30 pounds per acre. Price, 20c.; per lb.; in 100-lb. lots $13.90.

Meadow Foxtail. One of the best permanent pasture Grasses for rich, moist soils, extremely early and withstands high summer heat without burning out. Should be sown only in connection with other Grasses for pasture at the rate of four pounds per acre. Height 2 to 3 ft. Price, per lb. 40c.; bushel of 25 lbs. $2.75.

Meadow Fescue (Festuca pratensis). English Blue Grass. A highly valuable species for permanent grass land. It does not, however, attain its full productive power until 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 pastures, and is one of the most desirable permanent Grasses for general culture and mixtures for permanent pasture. Height 2 feet; 27 pounds to the acre. Price per lb. 25c.; bushel of 27 lbs. $6.90.

Meadow Soft Grass (Holcus Lanatus). A perennial and hardy Grass for poor soils. Height 1 to 2 feet; sow 25 pounds per acre. Price, 20c.; per lb.; per 100 lbs. $15.00.

MILLIERS

Common Millet. An excellent early forage Grass, with long, broad leaves and nutritious grain. Grows to height of 2 or 4 feet. Very early. Lowest market price.

Improved German or Golden Wonder Millet. This is not so early as the common Millet, but yields much larger crop. Southern grown seed is preferred, producing more hay. Northern-grown seed is usually hybridized with other millets and will not grow as tall. Southern-grown seed at lowest market price.

Japanese Millet or Billion-Dollar Grass. Is an enormous yielder. Grows on any soils, and cattle and grass eat it greedily and fatten rapidly. Sow 10 to 15 lbs. per acre. Price, 18c. per lb.; 100 lbs. $4.50.

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

Orchard Grass (Dactylis Glomerata). A rough, coarse, perennial Grass, extremely hardy; of all grasses the best for sowing under trees or in orchards; furnishes abundance of pasture during the entire season, wet or dry; makes excellent hay mixed with clover. Sapling or Alike Clover is best to sow with it, as it ripens about the same time. Sow in September or spring, at rate of 1½ to 2 bushels per acre, or for hay 1½ to 2 bushels. 14 lbs. This seed has been in great demand by English and other foreign dealers. It grows about 2½ feet high, producing an immense quantity of leaves and foliage. On account of its earliness and quick growth it is of exceptional value for permanent pastures. It furnishes the first green bite in spring and the last in fall; is quick to recover from close cropings, even thrives better the more it is cropped, and is heartily relished by all kinds of stock. It should not be sown alone, as it grows in tufts, but in a mixture with other grasses it should be included. This is generally mixed with a clover. 25c. per bushel $2.75.

Percy's Rye Grass (Lolium Perenne 'Percy'). The most valuable Grass of Great Britain, holding the same position of importance that Timothy does in our country. Very early and curls into hay that is very hard but has a sweet flavor and relished by cattle. Mixed with Red Clover makes a good hay. Height 1½ to 2 feet. Sow two bushels per acre. Price, per lb. 20c.; per bushel of 25 lbs. $3.00.
Rhode Island Bent Grass (Agrostis Canina). This Grass is a native of Europe and much resembles our Red Top, but is of dwarfer habit with shorter and narrower leaves. It makes a close, fine turf, and is largely used for lawns in the old country; at the rate of 50 pounds per acre. Height 1 to 2 feet. Price, per lb. 25c.; bushel of 15 lbs. $3.00.

Herb or Red Top Grass (Agrostis Vulgaris). Fourteen pounds to the bushel. This is a good permanent grass, and makes a perfect sod. It is the best grass that can be sown on sandy lands for holding the soil. In most sections it is highly appreciated for hay, succeeding Clover and Timothy when they have dried out. It is a good forage plant when kept fed close. It never grows so coarse or hard but that the stalk is sweet and tender, and eaten without waste. It should enter largely into a mixture with other grasses. Sow two bushels to the acre. Pound 15c.; subject to market price.

Red Top Fancy. Cleaned from chaff and is sold seed. (About 50 lbs. to the measured bushel.) Three pounds thus equals one bushel of ordinary Red Top. Unlike ordinary Red Top, it can be sown at the same time with other grasses, thus avoiding going over the ground a second time. Pound 25c.; 14 lbs. $2.40; 100 lbs. $17.00.

Red Top grows almost everywhere, but in a moist soil it reaches its highest state of perfection: is good for pasture and also lawns. There is a great difference in the grade and qualities. The low-priced seed is really mixed seed and chaff and hulls of the choice and fancy cleaned, and contains but a small percentage of germinating seed.

Rough Stalked Meadow Grass (Poa trivialis). This Grass grows from 1 to 3 feet in height and makes a fine turf in shaded or moist situations. Is valuable for forming bottom grass in pasture mixtures. Sow 20 pounds per acre. Per lb. 40c.; bushel of 26 lbs. $8.00.

Sweet Vernal, True Perennial (Anthoxanthum odorumatrum). A fine Grass for pasture mixture, as it keeps up a continuous growth until late in the autumn. A little of this seed sown in the hay field emits a fragrant odor, and thus sweetens the hay. Price, per lb. 75c. per bushel of 10 lbs. $6.00.

Sweet Vernal, Annual (Anthoxanthum odorumatrum puellum). Much smaller than the perennial and of much less value, lasting only one year. Price, per lb. 15c.; per bushel of 10 lbs. $1.25.

Sheep Fescue (Festuca Ovina). This Grass prefers dry uplands and thrives in poor, shallow, gravelly soils where other grasses would fail. Is hardly, resisting extreme heat and cold. As it is a "bunch grass," good for mixing with other grasses for pasture; much relished by sheep. Price, per lb. 20c. per bushel of 16 lbs. $2.50.

Timothy (Phleum Praetense). This Grass Seed, so well known that it needs no description, is most extensively grown throughout this country and succeeds well on most all soils and stands extreme drouth, heat or cold. It makes the very best and most nourishing hay that can be preserved for a long time. We buy none but the finest grade of this seed and after recheck of same are prepared to say that we sell the best Timothy Seed money can buy. Price, per lb. 10c.; per bushel of 45 lbs., market price.

Tall Meadow Oat Grass (Avena Elatior). Valuable as a pasture Grass on account of its early and luxuriant growth; extremely hardy and much relished by cattle. Height 2 to 4 feet. Price, per lb. 20c.; per bushel of 13 lbs. $2.50.

Tall Meadow Fescue (Festuca Elatior). Succeeds best in moist alluvial and strong clay soils, and valuable as permanent pasture; relished by stock. Height 3 to 4 feet. Price, per lb. 40c.; per bushel of 22 lbs. $6.50.

Wood Meadow Grass (Poa Nemborallis). The finest Grass for shaded situations in lawns and woodland parks where other lawn grasses will not grow. Is very hardy and resists extreme heat or cold. Price, per lb. 50c.; per bushel of 19 lbs. $5.00.

**SPRING AND WINTER SEED WHEAT.**

Sow 1½ bushels per acre.

**NOTE.**—No matter how low prices may go, wheat will continue to be grown, for there is nothing else that will take its place in many crop rotations, especially where grass is to follow. It makes a sale crop, and the straw is indispensable about the barn if stock is to be kept comfortable and in a thriving condition. It has been found that wheat can be fed to stock very profitably when the price is too low to send it to market, and, altogether, the consumption of wheat is likely to increase rather than diminish in the near future. In view of these facts, farmers should learn how to grow the crop cheaper, or, in other words, how to increase the average yield per acre, for there is a profit when between 30 and 40 bushels are obtained. There is no doubt of most farmers being able to obtain such a yield if thorough cultivation and fertilization are employed.

North Dakota White Spring Wheat. Peck 50c.; bushel $1.75.

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 descriptions and prices, by July 20th next, and mailed free to all applicants. Our customers should write for this list.

We name the following varieties that we offer at $1.50 per bushel in small lots. Special price on 10-bushel lots and over:

**Smooth Varieties.** Pool, Mealy, Fultz, Red Clawson, Number Six.

**Bearded Varieties.** Rudy, Diamond Grit, Nigger, Hybrid Mediterranean.

**SPELTZ OR EMRYER.**

(Sow from 50 to 75 lbs. per acre.)

Introduced from Germany into this country several years ago, and from all reports will grow anywhere in the United States, and we can safely offer the seed to our customers as one of the grandest fodder crops grown. It resembles Barley when threshed, and when the hull is removed you can scarcely tell it from wheat. Speltz is an immense yielder and for fattening cattle and hogs has no equal, being better food than corn. Speltz should be sown early in the spring, the same as Spring Barley and Spring Wheat, and enormous yields are assured. We offer Ohio-grown seed at the following rates, f.o.b. cars. Cotton bags extra 25 cents each. Pound, postpaid, 20c. By freight, 50 lbs. $1.75; 100 lbs. $3.60.
PHILIPPS' LAWN GRASS SEED MIXTURES

Our Grass Seed Mixtures are known for their purity and will make a perfect turf before the approach of cold weather. If sown during September or early part of October, and produce finer lawns the following summer than those sown in spring. Toledo is known all over as the Grass Seed Center of the world, and our facilities for picking the Cream of the market are unsurpassed.

All the Grass Seeds entering into our Lawn Grass Mixtures thoroughly reeled by the most improved methods so as to make them free of foul seeds.

LAWN GRASS SEED.

Phillipps' "Fancy Park" Mixture. A very fine mixture of grass seed, producing a thick and velvety permanent turf, which will retain its beautiful appearance throughout the entire summer and fall. It contains all the most suitable fine-bladed varieties in proper proportion. Will make a perfect lawn in from six to eight weeks. Per lb. 20c. (postpaid 30c.); per bushel of 14 lbs. $2.50.

Phillipps' "Under-Trees" Mixture. It is hard to obtain a nice growth of grass permanently under trees or other shady places, and this mixture is composed of grasses which will grow in such situations and give satisfaction. Per lb. 40c. (postpaid 50c.); per bushel of 18 lbs. $6.50.

Phillipps' "Slope and Terrace" Mixture. To get a satisfactory turf on slopes or terraces requires grasses which root very deeply and will withstand the washouts of heavy rains, and this mixture contains such varieties in liberal proportion, which, after once being established, will not suffer from continuous heavy rains. Per lb. 25c. (postpaid 35c.); per bushel of 20 lbs. $3.30.

Phillipps' "Putting Green" Mixture. It requires a very substantial turf for Putting Greens, and this mixture will answer the most critical demands. It contains all fine-bladed grasses of low growth and will produce a tough, thick and beautiful green turf. Per lb. 25c. (postpaid 35c.); per bushel of 20 lbs. $4.50.

The Lawn Grass which we offer should not be compared with the cheaper preparations advertised. Our combination is of the best chosen varieties and club of seed. 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 or 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, and we would recommend a good grade of superphosphate 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 carefully 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 mowed with a sharp scythe; after this it should be mown about every ten days with a lawn mower. Frequent mowing 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 evergreen soil, which is the charm of a lawn.

HEDGE SEED.

Culture—Hedge Seed must be soaked in warm, not hot, water from five to ten days. Stir each day and change water, and when the seed begins to sprout, it is ready for planting. Plants should be transplanted before setting in hedge row. Osage Orange, 40 cents per lb.
... 1910 ...

Seed and Plant Novelties and Specialties

The list of the following varieties is a special selection for those who wish to have the choicest strains of the old varieties and the best of the new varieties, which impress us from the horticultural press as meritorious.

THE SIX MOST BEAUTIFUL ASTERS

310 Daybreak. Of branching habit, growing about two feet high; flowers large and double, with incurved petals on long, stiff stems, giving a striking appearance. Their rosy-shell-pink, perfect flowers appear in August in great profusion; should be in every garden. Per pkt. 10c.

312 Hercules. This Aster forms an imposing plant, making stems of from 15 to 20 inches long which begin to branch when about 4 inches high, bearing flowers of enormous proportions, sometimes 7 inches in diameter, and may best be compared with a huge Japanese chrysanthemum. The flowers are of the popular comet type and of the purest white; very double and hardly showing the yellow disk so common in large Asters. Per pkt. 25c.

315 Hohenzollern. This is one of the finest of purest white Asters, measuring from 6 to 8 inches across. A late cut-flowering variety and are sure to become popular. Pkt. 25c.

320 Lavender Gem, belonging to the comet type, with very large, long and loosely arranged petals, forming a most artistic flower. Growing about 2 feet high they bear their beautiful clear lavender blossoms on long, slender yet stiff stems, a jewel among Asters. Per pkt. 20c.

360 Purity, the same in every way as the Daybreak Aster, of the same symmetrical growth, but of a pure glistening white. Per pkt. 10c.

410 Snowdrift, a very early and exceptionally beautiful Aster, with large, handsome, plumy flowers of the purest white on long and strong stems. The finest and most valuable early Aster for cutting. This Aster is of American origin and specially suited for our trying climate. Per pkt. 15c.

One pkt. each of above Asters, 90c.

SWEET ALYSSUM

"Little Gem" or "Carpet of Snow"

161 This type is so much superior to the common kind that it deserves to be planted in masses for edging wherever a short, thick growth is wanted. It grows only to a height of about 4 inches and is covered all season with close, round, pure white flowerheads, deliciously scented; especially valuable for low borders and will make a compact white line early in season and increase in width and snowy whiteness each week. Per pkt. 5c; per ½ oz. 15c; per oz. 50c.

NEW HYBRID GERBERAS

978 One of the most interesting introductions of recent years.

Some of the leading botanists of Europe claim that it will soon rank with Chrysanthemums and Primulas as a greenhouse plant, and to be in great demand. These graceful plants are of easy cultivation either indoors or in the garden, and their distinct and delicate shades of color and lasting bloom will surely please all who give this specialty a trial. Price per pkt. 75 cents.

GIANT MARGUERITE CARNATIONS

628 This class produces very large and beautifully shaped flowers about ten weeks after sowing, continuing to bloom till late into the fall. They are of a delicious fragrance and rival many of the greenhouse varieties in beauty. Excellent for cutting and should be planted largely by all lovers of this popular flower. Per pkt. 10c.
CENTAUREA IMPERIALIS "GIGANTEA"

668 This magnificent new Cornflower or Royal Sweet Sultan is of exceptional tall growth, attaining a height of almost five feet, and bears its large, pure white, sweetly scented flowers on strong, stiff stems over two feet long. The flowers are of the same elegance as the now so well-known Royal Sweet Sultans and are remarkable for their lasting qualities when cut, and it seems that this new race stands the hot weather by far better than all the others. Per pkt. 20c.

CAMPANULA CALYCANTHEMA

"Cup and Saucer Canterbury Bells."

Belonging to the perennial plants of tall, stately growth, with numerous large flowers, shaped like a cup and saucer. They bloom in summer for a long time and are great favorites with all lovers of flowers. Exquisite for the hardy border.

LATHYRUS

HAR QOR EVERLASTING

SWEET PEAS

The seed of this Perennial Sweet Pea can be sown either in the spring or fall. If sown in the spring the seed should be soaked in warm, not hot, water for four days before planting in light rich soil. If sown in the fall plant outside where they are to remain and protect with straw or litter during the winter. They are showy, free blooming, hardy perennial climbers and will always be a source of pleasure and enjoyment the entire summer.

1219 Purplish Red ............ 5c
1221 White ............... 5c
1220 Bright Pink ........... 5c
1228 Mixed Colors ........ 5c

Any of the above, per oz. 25c.; ½ lb. 75c.; per lb. $2.00.

LEMON

American Wonder or Ponderosa

Quite a novelty of the citrus family, originated at Hagerstown, Md., from the seed of an ordinary lemon. The original plant when quite small bore fruit of extremely large size, much to the amazement of its originator. Cuttings from this plant produced a large stock. Horticultural experts pronounce it a cross between the ordinary lemon and the grape fruit or Pomelo, the hybridization being performed by a bee. This, in brief, is the history of the lemon. It inherited the large size of the Pomelo, and the acidity of the lemon. The plant is of rapid growth, with large dark green foliage, and often bears fruit weighing 3 to 5 lbs. Flowers are pure waxy-white and resemble orange blossoms, only larger and more compact and exceedingly sweet scented. An elegant plant for porch or lawn decoration. Very ornamental on account of its large, shiny foliage and its wonderful immense fruit, which is produced very freely. It is of easy culture, flowering and fruiting in any good ordinary soil. The fruit is edible and may be used for all culinary purposes. No grafting or budding is necessary. Young plants 25 cents each, postpaid.

DIANTHUS (Pinks)

851 Vesuvius, a selection of the annual fringed pinks of an intense scarlet with just the slightest shading of orange, a fairly dazzling color in full sunshine and absolutely new and distinct. The flowers are deeply fringed and of large size on stems 10 to 12 inches long and appear in great profusion, which makes this class so very valuable, either for cutting or bedding. Per pkt. 15c.

852 Snowdrift, a very double form of the annual fringed pinks, grows about 12 inches high, is robust, branches freely and produces its magnificent snowy white flowers very abundantly. The large flowers are of perfect form and measure between 3 and 4 inches across, are extra double, with deeply cut petals and are said to be one of the best Dianthus, blooming the entire summer and rivaling in beauty and usefulness the finest fancy Carnations. Per pkt. 20c.
**DOUBLE EVERBLOOMING HOLLYHOCK**

1120 This strain of Hollyhock has only been introduced a few years and has made so many friends since that it should not be missed in any garden. It dispenses to a certain extent with the trouble of growing the plants for one year before enjoying its flowers, as this new kind blooms very readily the first season from seed sown in spring in the open ground. The perfection of the flowers is almost the same as in the old well-known type and the colors range through all the different shades of black, yellow, pink, rose and scarlet. They begin to bloom in July and keep on to flourish till late in the season. Per pkt. 25c.

**DOUBLE EVERBLOOMING FRINGED HOLLYHOCK**

1121 The same in every particular as the preceding, but with fringed petals and much more double flowers than the Allegheny Fringed Hollyhock. Per pkt. 25c.

**THE GENUINE EDELWEISS OR SUNFLOWER OF SWITZERLAND.**

945 There’s a word of poetry connected with this charming flower, to obtain which many travelers have sacrificed their lives. It blooms right through the snow, and when cut lasts for years. The flowers are rare and beautiful, as white as snow and as soft as velvet, growing sometimes 30 on one plant, with grayish-white foliage in spreading rosette. Naturally as hardy as a rock, they grow in any way, on sandy moist soil, gritty and well drained, or on raised rockwork, and even as a border plant, in chalky open soil. Lasting for years in beauty, it will certainly prove a wonderful attraction. Price, per pkt., 20c.

**DWARF NASTURTIUM**

"Queen of Tom Thumbs."

1520 Unquestionably the most striking of all the Dwarf Nasturtiums introduced during the last few years and of such perfection in every respect that it will cause admiration from anybody. The flowers are of a bright crimson, while the foliage is a silvery white variegated with green making one of the most beautiful contrasts imaginable. It is of very dwarf and compact growth and when used as a bedding plant, will be found a great acquisition. Per pkt. 10c.

**PHLOX DRUMMONDI**

*Dwarf Large Flowered Kinds.*

This is a dwarf growing strain with very large flowers, and will certainly be a welcome addition for our gardens, where plenty of color is wanted the whole year around.

| 1886 Crimson | Per pkt. 10c. |
| 1888 Dark Blue | Per pkt. 10c. |
| 1890 Deep Pink | Per pkt. 10c. |
| 1892 Scarlet | Per pkt. 10c. |
| 1894 White | Per pkt. 10c. |
| 1898 Mixed Colors | Per pkt. 10c. |
| 1899 Collection of the 5 Colors | 35c. |

**PANSIES**

1789 Andromeda. This new Pansy surpasses all late introduction by far through its elegance and remarkable beauty. The single petals are gracefully curled and waved, giving the flower the appearance of being double. The flower is of largest size and of a delicate apple blossom color with a light hue of soft lavender, the four upper petals being veined with deep blue, while the lower one has deep pink veins. Per pkt. 25c.

1895 Gold Medal Mixture, a strain with marvelous markings, composed of shades of brown, black, bronze, canary, chocolate, light blue, violet, indigo, orange, yellow, chestnut, marbled, mottled and white, and we are confident that they will give satisfaction. Their texture is firm and of remarkable freedom of bloom. ½ oz. $1.25; per pkt. 50c.

1899 Giant Flowered Parisian Mixed. This class is distinguished by its marvelous size and magnificent markings. They usually have a large dark blotch on each petal, surrounded by a broad band of a contrasting color, while a lighter netting is thrown over the whole stamens. Flowers of 2½ inches in diameter are a usual occurrence under good cultivation. ¼ oz. 75c; per pkt. 15c.
SWEET PEAS A SPECIALTY

Of all our favorites among the many hundreds of annual and perennial plants with beautiful flowers, Sweet Peas take the lead, and it is safe to say that there is no garden without them. Their beauty and usefulness are so manifold as to make them absolutely indispensable, and if sown deep and early they will more than repay with more, larger and richer-colored flowers. For Sweet Peas in Mixture, see page 64.

The seed should be sown as soon as ground can be worked, in trenches 10 to 12 inches deep, which should be filled up gradually as the vines grow; this method will give a long vine in the soil, which will make innumerable roots and gather nourishment through dry spells from the moist depth where the roots of shallow-sown seed do not reach. Our selection of Sweet Peas will be found up-to-date, varieties of weak growth and small flowers are entirely eliminated, and only such are offered as are distinct in their colorings and of largest size. Our "Gold Medal Collection of 18 Best Varieties" contains absolutely the best, and is recommended to those who wish to plant the cream.

GENERAL COLLECTION

Those marked with * are in our "Gold Medal Collection."

2280 *American, crimson-scarlet striped on white, large size, open form.
2285 Aurora, orange-rose striped on white, large size, hooded, the most attractive of the striped varieties.
2290 *Black Knight, very deep maroon, with almost black veins on the middle of the standard.
2295 Blanche Burpee, pure white, medium size, slightly hooded, very graceful.
2300 Blanche Ferry, standard bright carmine rose, wings white tinged with pink, medium size, open form.
2301 *Blanche Ferry, extra early, standard bright carmine rose, wings white tinged with pink, medium size, open form, very early.
2305 *Coccinea, cherry-red, half hooded, medium size, very bright and effective.
2310 Countess of Cadogan, standard opens purple, changing to lilac, wings bright blue and lighter on the edges.
2315 Countess of Radnor, standard mauve, wings lavender, hooded, medium size.
2320 Countess Spencer, standard large and wavy, whole flower of a lovely pink, shading darker at the edges, belonging to the new Orchid Flowered class, immense flower. Oz. 25c.; pkt. 10c.
2325 *Dainty, white, daintily edged with pink, very large.
2330 *Dorothy Eckford, pure white, the largest and finest white in existence.
2335 Dorothy Tennant, rosy purple, large size, hooded form.
2340 *Duchess of Sutherland, white tinted pink, medium size, hooded form.
2345 *Duke of Westminster, standard buff, tinged pink, with blotch of heavier pink at the base, wings pink.
2350 Earliest of All. Same as No. 2300, but four weeks earlier.
2355 Earliest Sunbeams, rich primrose, extra early, open form, medium size.
2360 Emily Henderson, pure white, large size, open form, one of the best whites.
2361 Evelyn Hyatt, a rich orange-salmon standard, with wings just a trifle deeper in color, giving a rich fiery orange or deep sunset color to the whole flower, very striking and unique. Recommended with confidence as perfectly fixed in character, and as one which will be largely used for cutting. Per pkt. 25c.
2365 *George Gordon, claret-red, large size, hooded form.
2370 Gladys Unwin, immense and bold flower, beautiful pale rosy pink, extra long stem, Orchid Flowered type. Pkt. 15c.
2375 Gracie Greenwood, bright pink on primrose, showing veins of brighter rose, pink on edges, medium size, hooded form.
2390 Hon. F. Bouvierie, deep pink at the base, shading to light pink at the edges.
2405 *Hon. Mrs. E. Kenyon, light primrose, very large, half hooded, the largest and best of this shade.
2410 *Jeannie Gordon, standard rose, with deeper veins on primrose ground, wings primrose tinged with pink.
2420 *King Edward VII, crimson-scarlet throughout, the largest and finest in this color.
2445 *Lady Grisel Hamilton, standards mauve, wings lavender, very large hooded form, the largest and best lavender.
2455 Lady M. Ormsby Gore, standard buff and primrose, wings light primrose, large size, hooded form.
2460 Lord Rosebery, light magenta, yelned deeper, large size, hooded form.
2465 Lottie Eckford, white heavily shaded with lilac, edged deep blue, large hooded.
2480 Lovely, deep pink throughout, shading to very light pink at the edges; very large, hooded form, very attractive.
2485 Miss Wilmott, standard orange pink, with deeper veins, wings rose, tinted orange, very large, half hooded form.
2490 Mont Blanc, pure white, open form, medium size, very early.
2495 *Mrs. Walter Wright, deep mauve, an exquisite shade, very large.
2500 *Navy Blue, indigo blue shading to brighter, medium size, half hooded form.
2510 Phyllis Unwin, a giant among sweet peas, a deep rosy carmine with all the grand points of Gladys Unwin, the same wrinkled and wavy standard and broad wings, but with a larger flower, three or four on a stem. Per pkt. 25c.
2515 *Prima Donna, pure pink, large hooded form, the best of the light pinks.
2520 *Prince of Wales, rose-crimson, the largest and finest of this color.
2530 Salopian, crimson scarlet, large open form, one of the best scarlets.
2540 Scarlet Gem, dazzling scarlet, large size, the finest scarlet up-to-date. Pkt. 10c.
2545 Price—Any of the above (except where noted), 5c. pkt.; 10c. per oz.; 25c. per ¼ lb.; 75c. per 1 lb.
2550 Collection of a packet each of the 15 "Gold Medal Sorts," 50c.; 1 oz. of each $1.00.
LIST OF RELIABLE FLOWER SEEDS

For Specialties and Novelties See Pages 43 to 46

Our list of Flower Seeds has been largely increased and is now very extensive, containing all valuable varieties. The various strains are of highest quality and have been procured REGARDLESS of Price from the NOTED SPECIALISTS here and abroad, and we are satisfied that no better seeds can be purchased.

When ORDERING it is only necessary to give the corresponding number, viz.: 2 pkts. 120, 10c., means 2 pkts. Aconitum Napellus, 10c.

ACROCLINIMUM

A very graceful annual "Everlasting" with small aster-like flowers of white or rosy pink, growing about 15 inches high. The flowers may be kept for years in perfect condition if cut before fully expanded. Belongs in every old fashioned garden and should be sown right in the open border.

Per pkt. 128 Single Mixed...5c. 129 Double Mixed...5c.

ADLUMIA

(Mountain Fringe or Allegheny Vine.)

135 Cirrhosa, a biennial climber, exceedingly graceful, with fine feathery foliage which much resembles that of the well-known Maiden Hair Fern. The rosy-colored flowers are of tubular shape and cover the plant completely. It is very desirable for covering trellises, old stumps of trees and the like, growing 15 feet in a season. Per pkt. 10c.

AGERATUM

(Floss Flower.)

There are few plants so useful for bedding and which flower in such profusion till frost. Their foliage is completely hidden by the lovely flowers the entire summer, sun or rain having no effect on them. They may be sown right in the open, but by starting the plants in hotbeds, the house and transferring to the open ground in May, a much longer period of bloom may be had.

150 Blue Perfection. Deep amethyst blue, of compact growth, very large flower trusses. Per pkt. 10c.

152 Little Blue Star. A very dwarf and exceptionally handsome new kind, very even in growth, not over five inches high. The rosy bright-blue flowers are produced in such a profusion that they fairly smother the plant, lasting till late in August; best variety for edging. Per pkt. 10c.

154 Imperial Dwarf Blue. Bright blue. Per pkt. 5c.

155 Imperial Dwarf White. Per pkt. 5c.

156 Princess Victoria Louise. Of very dwarf, compact growth, with large sky-blue flowers; one of the finest bedding kinds. Per pkt. 10c.

ABRONIA

(Sand Verbena.)

A pretty, trailing annual with clusters of Verbena-like flowers sweetly scented. Specially suitable for rockeries, blooming all summer.

100 Umbellata. Rosy lilac with white eye. Per pkt. 5c.

ABUTILON

(Chinese Bellflower, or Flowering Maple.)

A perennial shrub of easiest cultivation, growing very rapidly and producing its large, drooping, bell-shaped flowers of various colors in greatest profusion. Must be kept during the winter in the house or conservatory, where they will bloom abundantly the entire winter. They will make nice blooming plants the first year if sown right after April.

109 Finest Single Mixed. Per pkt. 10c.

ACHILLEA

112 Parnsia fl. pl. (Double White Yarrow.) Hardy, perennial, and one of the best white blooming plants for the summer. They are hardly ever out of bloom, covering the two-feet high plants completely with their small, pure white flowers. Indispensable for a hardy border or cemetery. Will bloom the first year if sown early. Fine for cut flowers. Per pkt. 10c.

ACONITUM

(Monk’s-Hood or Wolf’sbane.)

120 Napellus. One of the most beautiful hardy perennials for half shady positions, growing about 4 feet high and producing its deep blue flowers on long, slender spikes. No garden should be without them; one of the best subjects for naturalizing along shady walks. Pkt. 5c.
AGATHAEA

140 Coelestis (Blue Daisy or Marguerite), a beautiful plant for the garden or greenhouse in winter, with Daisy-like sky-blue flowers, fine for bedding in summer and very valuable as a cut flower in winter; deserves to be generally known. Per pkt. 10c.

ALYSSUM (Madwort)

Beautiful little plants for bedding, vases, hanging baskets, edgings or the rockery, blooming profusely all summer and very valuable for winter flowering.

160 Maritimum (Sweet Alyssum), the well-known favorite of trailing habit, blooming profusely all summer. Oz. 25c.; per pkt. 5c.

161 Little Gem or Carpet of Snow, decidedly superior to the above, of very dwarf compact habit, covering the ground with a perfect white mass. They start into bloom when very small and keep on producing its closely set white flowerheads till frost, the plant forming a regular circle 12 to 18 inches in diameter, very fragrant; the best for edging. Oz. 50c.; per pkt. 5c.

AMARANTHUS

Annuals growing from 3 to 5 feet high, very effective with their brilliant foliage and bearing curious racemes of flowers. Should be sown in the open with plenty of room to develop their full beauty.

170 Caudatus (Love Lies Bleeding) 3 feet, blood red, drooping spikes. Per pkt. 5c.

173 Salicifolius (Fountain Plant) the popular name gives the best description of this graceful annual of pyramidal, drooping habit. Per pkt. 5c.

176 Tricolor Splendens (Joseph's Coat), the leaves are red, yellow and green of a very brilliant coloring, growing 3 feet high, of beautiful ornamental value. This variety is a great improvement of the common "Tricolor." Per pkt. 5c.

AMPELOPSIS

There are few biennials, which could rival these in beauty and usefulness. They are without question one of the best cut flowers and can be grown without much trouble. Their long, slender spikes with the large flowers of magnificent glowing colorings are exceedingly graceful and a continuous source of pleasure all summer. They succeed best in a sunny position and are not very particular as to soil.

190 Velthill (Boston or Japan Ivy), the finest and most popular perennial climber for covering stone or brick walls, houses, churches, etc., withstanding our rough winter without any protection. The large, light, green leaves turn to a vivid scarlet in the autumn. Per pkt. 10c.

ANTIRRHINUM (Snapdragon)

Hardy perennials specially suited for moister locations in the garden or naturalizing along the edges of woods, or under trees. They grow from 1 to 3 feet high; their unique spurred flowers hang gracefully on long, slender stems, and are very desirable as cut flowers for vases. They appear in countless numbers during May and June and are exquisitely colored, ranging through all shades of blue, white, rose or yellow.

220 Caudatus, this is our native species, flowers scarlet and yellow, one of the brightest. Per pkt. 15c.

222 Coerulea (Rocky Mountain Columbine), deep blue and white, one of the best for naturalizing in woods. Per pkt. 10c.

224 Grandiflora, light blue and white, very large flowers. Per pkt. 10c.

226 Nivea Grandiflora, extra large, pure white flowers, magnificent. Per pkt. 10c.

230 Vulgaris, the common blue variety. Per pkt. 5c.

233 Single Mixed, a large variety of colors. Per pkt. 5c.

239 Double Mixed, a large variety of colors. Per pkt. 5c.

AQUILEGIA (Columbine)

Hardy perennials specially suited for moister locations in the garden, or naturalizing along the edges of woods, or under trees. They grow from 1 to 3 feet high; their unique spurred flowers hang gracefully on long, slender stems, and are very desirable as cut flowers for vases. They appear in countless numbers during May and June and are exquisitely colored, ranging through all shades of blue, white, rose or yellow.

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230 Vulgaris, the common blue variety. Per pkt. 5c.

233 Single Mixed, a large variety of colors. Per pkt. 5c.

239 Double Mixed, a large variety of colors. Per pkt. 5c.
**ASPARAGUS**

250 Plumbosum mammosum, the most graceful of the climbing Asparagus, with foliage as fine as thread. Young plants are now generally used for gardeners, and its usefulness as house-plant growing under almost any conditions is unrivaled. They are excellent for cutting, and should specially not be missed in a cutting garden. Per pkt. 10c.

262 Sprengeri (Emerald Feather), an equally desirable plant either for the house, hanging baskets or vases for outdoors in summer and house or conservatory in winter. The fronds or shoots when cut are indispensable for finer decoration, and will last a long time; readily raised from seed. Per pkt. 10c.

**ASPERULA**

270 Aurea setosa, a very graceful little annual, growing about nine inches high and of easiest culture. The plants are completely covered during the summer with small light lavender, blue fragrant flowers; they are excellent for edging along walks. Per pkt. 5c.

**ASTER**

It is needless to dwell upon the beauty and usefulness of this, perhaps the best known annual, and we can hardly realize a garden, however small, without at least a few of these queens of our summer flowers. Their popularity is partly due to the ease with which they are raised and to the vigorous growth and sure success with which they repay the flower lover. By planting the different varieties flowers may be had from July till late in September.

They like a rich soil mixed with thoroughly decomposed manure, and may be sown any time from April till June in the open, or for early flowering sow in pots, flats or cold frames, transplanting them to the open as soon as weather permits.

Our strains of the various kinds are selected with great care and are the best that can be procured.

**CHINA ASTERS.**

250 Double Mixed, a mixture of many different kinds of various colors. Oz. 50c. Per pkt. 5c.

**COMET ASTERS.**

A very beautiful class of Asters, resembling the Japanese Chrysanthenum with their long wavy and twisted petals, which are gracefully formed into a loose yet density double half globe. Growing 18 inches high and bloom in August.

290 Carnolis Per pkt. 10c.
292 Dark Blue Per pkt. 10c.
293 Light Blue Per pkt. 10c.
294 Light Pink Per pkt. 10c.
297 White Per pkt. 10c.
299 Mixed Per pkt. 10c.

**GIANT COMET ASTERS.**

Similar to the above, but with larger flowers, height 20 inches, blooms in August.

300 Giant White Per pkt. 10c.
305 Giant Mixed Per pkt. 10c.

**DAYBREAK ASTER.**

310 A most beautiful branching Aster, growing 2 feet high, flowers large and double, with slightly incurved petals on long, stiff stems, giving the plant a striking appearance. Their rosy shell pink perfect flowers appear during August in great abundance, deserving of a prominent place in every garden, 10c.

312 Hereules Per pkt. 25c.
315 Hohenwolfe Per pkt. 25c.

**LAVENDER GEM ASTER.**

A variety of the Comet type, with very large and long loosely arranged petals, forming a most artistic flower. They grow about 3 feet high, bearing their beautiful lavender blossoms on long, slender, yet stiff stems, a jewel among asters, blooms in August, Per pkt. 25c.

**OSTRICH FEATHER ASTER.**

A magnificent class of Asters belonging to the Comet class. The flowers are similar to the Comet, but have longer and broader petals, very free flowering, 15 inches high, bloom in August.

330 Light Blue Per pkt. 10c.
332 Pink Per pkt. 10c.
336 White Per pkt. 10c.
338 Mixed Per pkt. 10c.

**PAEONY PERFECTION ASTERS.**

A very stately class of Asters, with large flowers, the petals of which are incurved, forming a perfect globe. Height 20 inches, bloom early in August.

340 Crimson Per pkt. 10c.
341 Light Blue Per pkt. 10c.
343 Dark Blue Per pkt. 10c.
344 Pink Per pkt. 10c.
346 White Per pkt. 10c.
348 Mixed Per pkt. 10c.
349 Collection of the 5 colors 10c.

**PURITY ASTERS.**

360 This is the same in every way to the Daybreak Aster, being of the same symmetrical growth, but of a pure glistening white instead of pink. Per pkt. 10c.

**QUEEN OF THE MARKET ASTERS.**

This is the earliest flowering Aster and the one with which success is absolutely certain. They are fully three weeks earlier in bloom than any other and produce their large, wavy, shaped flowers on long, wiry stems; very valuable for cutting; 2 to 2½ inches high, bloom in August.

Pkt. 370 Crimson 5c. 374 Pink 5c.
372 Dark Blue 5c. 376 White 5c.
378 Light Blue 5c. 378 Mixed 5c.

379 Collection of the 5 Colors 10c.

**SEMPLE’S LATE BRANCHING ASTERS.**

A very superior late flowering Aster, extending the Aster season almost till frost. The flowers are large and loose, borne in greatest abundance on long, wavy stems. The plants form a strong growing bush, 2 to 2½ feet high, the most valuable Aster for cutting, blooms in September.

Pkt. 390 Crimson 10c. 395 Light Pink 10c.
392 Dark Blue 10c. 397 White 10c.
393 Light Blue 10c. 398 Mixed 10c.

399 Collection of the 5 Colors 10c.
THE HENRY PHILIPPS SEED AND IMPLEMENT CO.

ASTERS

SNOUDRIFT ASTER

10 A very early and exceptionally beautiful Aster with large, handsome, plumy flowers of the purest white on long and strong stems. This is the finest and most valuable early Aster for cutting. This Aster is of American origin, and should be in every garden, as it is specially suited for our trying climate. Per pkt. 15c.

VICTORIA ASTERS.

Massive and showy magnificent flowers with regularly overlapping petals, double up to the center. They are about 18 inches high, of beautiful pyramidal growth, blooming during August and September, carrying from 25 to 40 flowers of pure and clear colors. Fine for cutting.

Pkt. 430 Crimson 10c.
432 Dark Blue 10c.
433 Light Blue 10c.
435 Pink 10c.
437 White 10c.
438 Mixed 10c.
439 Collection of the 5 colors 10c.

BEGONIAS

These are among our most beautiful and floriferous tender perennials, and are very valuable for bedding, especially where they can be benefited with a partial shade during the afternoon. The "Semperflor-ns" class bear innumerable small flowers, often completely hiding the plant, while the flowers of the "tuberous-rooted" section are very large and of fairly dazzling colors. They should be sown inside, the sooner the better, and transplanted into small boxes or pots when large enough. After the weather has settled they may be planted outside.

460 Semperflosirs "Vernon," rosy carmine flowers, best for bedding, 10 cents.
466 Semperflosirs, Mixed Colors. This mixture contains all the best varieties, ranging in color from white to crimson, 10c.
457 Tuberous Rooted, Single, Mixed. 25c.
458 Tuberous Rooted, Double, Mixed. 25c.

BELLIS PERENNIS

(English Daisy)

A charming half-hardy perennial, which produces its beautiful, double, bright colored blossoms in a bewildering profusion from the earliest spring till almost July. It is especially adapted for edging, growing only about 4 inches high.

400 Longfellow, large double pink flowers, 10c.
450 Snowball, extra large white flowers, 10c.
458 Mixed Colors; all colors, including crimson, 10c.

BROWALLIA

(Auricula)

A well-known half-hardy perennial, a great favorite especially in England, the bright beautiful colored flowers growing in clusters appear in the early spring in greatest profusion.

460 Mixed Colors. Saved from a superior strain. Pkt. 5c.

ARURICULA

(Primula auricula.)

Begonia Semperflosirs.

Brownallia Speciosa Major.

Brownallia Speciosa Major.

Balsam.

AURICULA

(Ballon VINE)

470 A quick-growing annual climber, doing well in any soil in a sunny location; flowers are small and white; the seed is carried in small balloon-like balls. Per oz. 20c. Pkt. 5c.

BALSAM

(Lady Slipper.)

An old-fashioned annual and great favorite with flower-lovers. They grow to perfection even in poor soil, making a stately and strong bush whose branches are closely set with brilliant-colored double camellia-like flowers. They bloom from July till frost, but should not be sown before the weather is fully settled, as they are very susceptible to cold.

Pkt. 480 Pink 5c.
481 Scarlet 5c.
487 White 5c.
488 Mixed Colors 5c.

BRACHYCOME

(Swan River Daisy)

510 A charming dwarf-growing and floriferous annual, covered during the greater part of the season with its pretty blue and white flowers; very suitable for edging or pots, 5 cents.

BROWALLIA

(Snowdrift Aster)

110 A very early and exceptionally beautiful Aster with large, handsome, plumy flowers of the purest white on long and strong stems. This is the finest and most valuable early Aster for cutting. This Aster is of American origin, and should be in every garden, as it is specially suited for our trying climate. Per pkt. 15c.

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435 Pink 10c.
437 White 10c.
438 Mixed 10c.
439 Collection of the 5 colors 10c.

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460 Semperflosirs "Vernon," rosy carmine flowers, best for bedding, 10 cents.
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(English Daisy)

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488 Mixed Colors 5c.

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(Swan River Daisy)

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CALCEOLARIA

Greenhouse plants producing in greatest pro
duction slipper-shaped, spotted and beautiful colored
flowers; great favorites for decorating houses or
conservatories. Our strains are absolutely the best
 procurable. Per Pkt.

530 Giant Self-Colors, Mixed 25c
532 Giant Spotted and Tigered, Mixed 25c.

CALENDULA

(Pot Marigold.)

Charming, old-fashioned annuals which will grow
in any soil and will keep on blooming all summer.
The flowers are large, varying in the different
shades of yellow and orange. They should be sown
right in the open border, where they are to remain;
also good for pots.

540 Meteor, large, deep yellow, petals
541 Pure Gold, pure golden yellow Per pkt. 5c.
546 Pengel fl. pl., creamy white Per pkt. 5c.

CALLIOPSIS

It would be very difficult to find
among the annuals another plant of
such exceeding gracefulness and so
desirable. It grows from one to two
feet high and blooms in a marvel-
ous abundance. The flowers are
medium sized, with very bright col-
ors, appearing singly on long, wiry,
branching stems. They are excel-
 lent for cutting and should have a
place in every garden.

550 Coronata. Large, pure yel-
low flowers, very showy and fine for
bedding. Per pkt. 5c.
551 Bicolor Nana. Per pkt. 20c.
552 Drummondii (Golden Wave).
Large golden yellow, with chestnut
brown middle; of innumerable quan-
tity. A solid bed of this will be a
sight never to be forgotten. Per
pkt. 5c.
553 Nigra speciosa. Dark, rich
crimson, very beautiful. Per pkt. 5c.
554 Tintoria. Large golden yel-
low, with a garnet eye. Per pkt. 5c.
558 Mixed. A mixture of many
choice varieties. 25c. per oz.; per
pkt. 5c.

CANDYTUFT

(Bellflower.)

Biennial and perennial plants,
which are great favorites with all
lovers of flowers. They bear great
masses of bell-shaped flowers, grow-
ing well in good rich soil; will bloom
the first season if sown early.
Should be planted in masses along
shrubbery, where they will make a
great effect.

CANTERBURY BELLS.

(Caonopia Medium.)

Calyp\enn\enna (Cup and Saucer). One of the most valuable, with large
flowers, resembling a cup and saucer.

560 Blue 10c.
565 Rose 10c.
568 Striped 10c.
567 White 10c.
563 Mixed 5c.
569 Collection of the 4 Colors 30c.
577 Single, Mixed 5c.
576 Double, Mixed 5c.
582 Persicifolia grandiflora, mixed
(Peach Bells). One of the
finest of the hardy Bellflow-
ers, growing 2 to 3 feet high;
large blue and white flowers.
Per pkt. 10c.
588 Pyramidalis, Mixed (Chimney
Bellflowers). A grand plant,
with tall spikes of beautiful,
large, bell-shaped blue and
white blossoms; 3 feet. Per
pkt. 5c.

CANAAN

(Indian Shot.)

Cannas are undoubtedly the
grandest bedding plant for our
eclimate. Seeds should be soaked
in water before sowing.

610 Large Flowering, Mixed.

Many different colors, 5c.
CARNATIONS

These deliciously scented plants are general favorites with all and few there are indeed who do not know them. They are fine for bedding and excellent for pots during the winter, when a single flower will fill the room with its spicy odor.

MARGUERITE CARNATIONS.

A very desirable class which will bloom within eight weeks after planting, remaining in bloom way into the fall.

MARGUERITE CARNATIONS.

A very desirable class which will bloom within eight weeks after planting, remaining in bloom way into the fall.

CENTAUREA

A class of very useful annuals for bedding or cut flowers; known also under the name of Cornflowers, Bachelor Buttons, Ragged Sailors, Sweet Sultan, or Dusty Millers: the last ones now being indispensable for bedding.

CERASTIUM

(Snow in Summer.)

A beautiful dwarf hardy perennial, suitable as an edging plant, and when in bloom covers the ground with a white sheet, 10c.

PLUMOSA OR FEATHERED VARIETIES.

Very beautiful ornamental plants, making a striking appearance.

658 Golden Plume. Bright golden yellow, very brilliant, 10c.
655 Thompsoni. Of stately pyramidal growth, with bright crimson plumes and bronze foliage, making a wonderful contrast, 10c.
654 Thompsoni magnificus. Similar to the above, but containing a large variety of the richest colors. Indeed, they must be seen to be appreciated; in no other plants are colors of such brilliancy, 10c.
658 Mixed Colors. 5c.

CORNFLOWERS

(Centaurea Cyanus.)

652 Blue. Dark blue. Oz. 25c. 5c.
658 Mixed Colors. Oz. 25c. 5c.

DUSTY MILLERS OR WHITE-LEAVED CENTAUREAS.

Largely used for bedding, hanging baskets or vases. They are very effective for edging.

659 Candelissiana. Silvery white with broadly cut foliage, 10c.
652 Gymnocarpa. The foliage of this variety is much finer cut, 10c.

CHRYSANthemum

700 Frutescens (Paris Daisy or Marguerite). Tender perennial; pure white, fine for winter blooming, 10c.
701 Frutescens "cultivar." Same as above, but yellow, 10c.
702 Japanese Mixed. Saved from the finest double flowers, 20c.
705 Maximum (Moonpenny Daisy). Hardy perennial, with large, pure white flowers and yellow center, 10c.
706 Shasta Daisy. The largest of all the Moonpenny varieties, a pure glistening white, 20c.
707 Single Annual Mixed. They are among our best garden flowers, blooming in the greatest profusion, 5c.
708 Double Annual Mixed. 5c.

Shasta Daisy.

Marguerite Carnation.

Carnations

Plumosa or Feathered Varieties.

Centaurea

Cnosis or Cockcomb Varieties.

Centraurea Imperialis.

Mixed Colors.

Giant Mixed Colors.

Chabries Everblooming.

Cerasium

(Snow in Summer.)

Tomentosum.

Mixed Colors.

Coralbells

(Pericallis Cyanus.)

White:

Blue:

Purple:

Red:

Yellow:
CINERARIA
A well-known greenhouse plant, producing its beautifully colored flowers in large, broad panicles in greatest abundance. A well grown plant in full bloom, with its intense coloring, will attract attention from everyone. Our strain comes from the best European specialists.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
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<tr>
<td>730</td>
<td>Hybrida Mixed</td>
<td>Per pkt. 10c.</td>
</tr>
</tbody>
</table>

CONVOLVULUS
(Canary Glory)
The old favorite, fast-growing climber which we meet in every garden, is satisfied with any soil and any position, producing its glorious and bright flowers in great masses.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>750</td>
<td>Lanceolata grandiflora</td>
<td>Pkt. 10c.</td>
</tr>
</tbody>
</table>

COLEUS
(Plume Nettle)
A rapid growing climber, very valuable for covering porches, trellises, tree-trunks, and will cling to any rough surface. The seed should be put in edgewise when sowing and covered lightly.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>720</td>
<td>Scandens</td>
<td>Blue; large, bell-like, purple</td>
</tr>
<tr>
<td>721</td>
<td>Scandens</td>
<td>White</td>
</tr>
</tbody>
</table>

CINERARIA
A charming annual, blooming during the entire season in greatest abundance; should be sown in the open border after weather is settled, 5c.

COSMOS
A gorgeous, tall growing annual, bearing its thousands of graceful flowers during the latter part of the summer and fall till frost. Its large single, pink, crimson or white flowers waving on their long stems amidst the finely cut foliage are a lovely sight, and few plants are equally valuable for cut flowers to decorate with. They grow five to six feet high, and are desirable for hiding unsightly fences. Seed should be sown in open ground in early May; or may be started in cold frames and transplanted to the open.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>760</td>
<td>Giant Creme</td>
<td>10c.</td>
</tr>
<tr>
<td>761</td>
<td>Giant Pink</td>
<td>10c.</td>
</tr>
<tr>
<td>762</td>
<td>Giant White</td>
<td>10c.</td>
</tr>
<tr>
<td>763</td>
<td>Giant Mixed</td>
<td>10c.</td>
</tr>
<tr>
<td>764</td>
<td>Collection of the 4 Colors</td>
<td>35c.</td>
</tr>
</tbody>
</table>

CYPRESS VINE
(Pomoa Quamoclit)
This is the most graceful annual vine belonging to the family of the Morning Glories. Its foliage is very delicate, fern-like, and the flowers are either bright crimson or white, shaped like a little star. They grow very rapidly, attaining a height of 15 feet and more. Should be sown in May.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>800</td>
<td>Scarlet</td>
<td>5c.</td>
</tr>
<tr>
<td>801</td>
<td>White</td>
<td>5c.</td>
</tr>
<tr>
<td>803</td>
<td>Mixed Colors</td>
<td>5c.</td>
</tr>
</tbody>
</table>

COWSLIP (Primula Veris)
A magnificent, very early, hardy, spring flowering perennial, whose flowers of yellow, brown or purple are borne in umbels, 10c.

DATURA
(Trompent Flower)
A very attractive plant for pots for winter or spring blooming. They can only be raised successfully in frames or greenhouses, forming a dwarf tuft of splendidly marked foliage, above which the elegant flowers appear in countless numbers. Our strains are from the best noted European specialists, and cannot be surpassed.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>790</td>
<td>Giant Blood Red</td>
<td>25c.</td>
</tr>
<tr>
<td>791</td>
<td>Pink</td>
<td>25c.</td>
</tr>
<tr>
<td>792</td>
<td>Rubin</td>
<td>25c.</td>
</tr>
<tr>
<td>793</td>
<td>Salmon</td>
<td>25c.</td>
</tr>
<tr>
<td>794</td>
<td>Pure White</td>
<td>25c.</td>
</tr>
<tr>
<td>795</td>
<td>White with Carmine</td>
<td>25c.</td>
</tr>
<tr>
<td>796</td>
<td>Mixed</td>
<td>25c.</td>
</tr>
</tbody>
</table>

CYCLAMEN
(Persian Violet)
The petals of this type are gracefully fringed and waved, making them exceedingly beautiful. 10c.
DAHLIA

They are too well known to need any further description. They can easily be raised from seed sown in the open ground during the early part of May, and will bloom almost as early as those planted as roots or plants.

100 Colchette, a new type, having a row of different colored short petals like a frill or collar around the disc. Per pkt. 15c.

110 Giant Perfection Mixed, a very large flowering single strain of beautiful color combinations. Per pkt. 15c.

120 Tom Thumb Mixed, very dwarf and compact, fine for planting in masses. Per pkt. 10c.

13 Colossal. Pkt. 25c.

14 Single Mixed, different kinds. Per pkt. 5c.

16 Large Flowering Double Mixed. Per pkt. 10c.

18 Large Flowering Double Cactus Mixed, from a very choice strain. Per pkt. 10c.

DELPHINIUM

(Larkspur)

Under this heading we list the hardy perennial Larkspur, which, with their magnificent bright-colored flower stands, make such desirable plants for the hardy border. They are unsurpassed as cut flowers for vases, and we know of no other plants where the blue coloring in such intensity.

30 Chinense, a beautiful variety, with colors varying in the different shades of blue. 34 inches. Per pkt. 5c.

32 Chinense Album, white. Per pkt. 10 cents.

35 Eulthea (Blue Larkspur), various shades of blue with dark center, 3 to 6 feet high. Per pkt. 10c.

40 Formosum, a grand variety of silvery, rich blue with a white center. Per pkt. 5c.

41 Formosum Coelestinum, the finest light sky-blue, magnificent. Per pkt. 15c.

47 Hybrid Single Mixed. Per pkt. 5c.

48 Double Mixed. Per pkt. 10c.

DIGITALIS

(Foxglove)

Very showy hardy perennials sending up tall spikes surrounded by long pending bell-shaped flowers, giving the plant a most ornamental appearance. They are excellent for planting in masses, naturalizing on sloping terraces or near shrubbery.

40 Gloxiniaform Mixed, a fine selected, large flowering strain. Per pkt. 10c.

48 Purpurea Mixed. Per pkt. 5c.

DOLICHOS (Hyacinth Bean)

A splendid quick-growing climber, producing long sprays of lavender, purple or white flowers, followed by dark shining seed pods, which with the bronze foliage make a beautiful combination.

90 Blue, violet purple to lavender. Per pkt. 10c.

91 White, a new white variety introduced from Japan, snow white, beautiful. Per pkt. 10c.

95 Mixed Colors, the above 2 colors in mixture. Oz. 1c. Pkt. 5c.

DRACAENA

(Dragon Plant)

Beautiful ornamental-leaved plants, fine for vases and house decoration.

900 Australian, broad leaves. Oz. 25c. Pkt. 5c.

92 Indivisa, narrow foliage. Pkt. 10c.

ESCHSCHOLTZIA

(California Poppy)

Charming annuals, with bright glorious colors like gold, bloom in greatest profusion, their foliage is finely cut of light green. They should be sown in the open border in May and will keep in bloom the entire summer.

20 Mandarin, rich orange on the inner side and bright scarlet outside. Pkt. 5c.

27 Single Mixed, all colors. Oz. 25c. Pkt. 10c.

28 Double Mixed, all colors. Oz. 25c. Pkt. 10c.
**EUPATORIUM**
(Tborough-wort.)
Showy, hardy perennials well worth a place in every border. They grow very willingly in almost any soil and produce their showy clusters of flowers at periods where there are few others. They are excellent for cutting, lasting a long time.

**GAIllARDIA**
(Blanket-Flower)
Very showy annuals or perennials, with brilliant flowers produced in astonishing masses during the entire summer. The hardy kinds will bloom the first season if sown early and increase in beauty every year. Both are excellent for borders and will make a grand effect if planted in masses.

**GLOBE AMARANTH**
(Gomphrena)
Well-known, tender perennials, indispensable for bedding; they are the best suited bedding plants for our trying climate.

**GLOXINIA**
A very beautiful plant for the greenhouse, producing magnificent long, large, bell-shaped flowers with the most glowing colors. They form a tuft which may be used the following year.

**GODETIA**
A beautiful annual, forming regular dwarf bushes, covered completely with bright showy flowers of various colors.

**GOURDS**
Very ornamental, rapid growing climbers, suitable for covering arbors, fences, porches, etc., producing fruits of the most various and often very grotesque shapes.

**GREVILLEA**
(Silk Oak)
1025 Robusta, very ornamental and graceful decorative plant, nice for the center of a table, very effective. Pkt. 10c.

**GRASSES**
Ornamental Grasses used in the proper proportion will help to make large groups of flowering Cannas, Caladiums, etc., effective, and planted by themselves will make a striking appearance.

**GYPSOPHILA**
Very floriferous plants, bearing its thousands of minute white flowers on long branching stems, forming a regular network of little flowers, they are admir able for cutting to be mixed with bouquets. Grow very easily from seed.

**HELIANTHUS**
(Sunflower)
Sunflowers are very showy and can be used for hiding unsightly corners, etc. Should be sown in the open ground in May.

**GERANIUM**
(Pelargonium.)
Well-known, tender perennials, indispensable for bedding: they are the best suited bedding plants for our trying climate.

**90 Globova Mixed** (Bachelor's Button), very nice for the border, with small, ball-shaped flowers, which may be dried and used for bouquets in winter. Pkt. 5c.

**99 Large Flowering Mixed**, collected from an unsurpassable strain. Pkt. 25c.

**999 Lady Satin Rose**, deep rose pink flowers. Pkt. 5c.

**1000 Mixed Colors**. Pkt. 5c.

**959 Lady Satin Rose**, deep rose pink flowers. Pkt. 5c.

**960 Mixed Colors**. Pkt. 5c.

**992 Mixed Kinds**, Oz. 20c. Pkt. 5c.

**1070 Dish Rag or Sponge Flower**. Pkt. 5c.

**1011 Calabash or Dipper.** Pkt. 5c.

**1012 Egg-shaped, white like an egg.** Pkt. 5c.

**1013 Hercules Club, 4 feet long, club-shaped.** Pkt. 5c.

**1014 Orange (mock orange)**. Pkt. 5c.

**1015 Pear, striped.** Pkt. 5c.

**1016 Serpent, very long and twisted.** Pkt. 5c.

**1017 Turk's Turban, striped with red.** Pkt. 5c.

**1018 Sugar Trough**. Pkt. 5c.

**1019 Mixed Kinds.** Oz. 20c. Pkt. 5c.

**1020 Collection of the 9 Sorts.** 35c.
HEUCHERA (Alum Root)
An exceedingly graceful hardy perennial, growing about 1 foot high, with innumerable flowers, blooming in spring.
1100 Sanguineum, bright crimson  Pkt. 10c.

HOLLYHOCK (Althaea Rosea)
There is no other plant with which such gorgeous effects may be attained as with those gorgeous and imposing hardy perennials, their tall, 6 to 8 feet high flower stem, surrounded by the large and magnificent blossoms, look like a skyrocket standing in the air.
1100 Double Crimson  10c. 1111 Double Pink  10c.
1111 Light Yellow  10c. 1111 Rose  10c.
1115 Marseau  10c. 1116 White  10c.
1116 Double Mixed, a choice mixture  10c.
1117 Fringed Althea, mammoth flowers  10c.
1118 Shade Flowering Mixed  50c.
1119 Collection of 6 Double Colors  50c.
1120 Double Everblooming  50c.
1121 Double Fringed  50c.

HUMULUS (Hops)
1126 Japanese (Japanese Hops). An exceedingly fast growing and handsome climber, very valuable for covering porches and unsightly places. 5c.
1127 Japanese variegatus. Same as above, foliage striped and speckled with white. 5c.

HUNNEMANNIA
(Grand Yellow Tulip Poppy.)
1130 Punnarifolia. A glorious annual with large yellow cup-shaped flowers, produced in greatest profusion till frost. The foliage is finely cut and of a guiacol color. 10 cents.

IBERIS (Candytuft)
1140 Sempervirens (Hardy Candytuft). Hardy perennial, being literally covered with its pure white blossoms in early spring. An excellent plant for edging or rockery. 10c.

IMPATIENS (Balsam)
1150 Sultana (Sultan's or Zahurah Balsam). This is perhaps the best plant for shady places, as between houses or under trees, producing its bright-colored, carnage flowers in phenomenal masses. It makes a very valuable pot plant for winter blooming in the house or conservatory, 15c.

HELCRYSUM (Straw Flower)
Charming annual with "Everlasting" flowers with bright colors and shape of an Aster. Sow outdoors in May where they will get plenty of sun.
1079 Giant Double Mixed  Per pkt. 5c.

HELIOPSIS (Orange Sunflower)
Effective, hardy perennial, growing four feet high; flowers resembling a small sunflower, of beautiful deep golden yellow with dark center. Appear in great masses in July.
1080 Plucheriana. Fine for cutting—Per pkt. 10c.

HELIOTROPE (Cherry Pie)
A tender perennial, which produces its delightful vanilla-scented "with foliage, perfumed, as cut flowers. Sow outdoors in early May or start in the house or cold frame for transplanting outside by approach of warm weather.
1097 Mixed Colors—Per pkt. 5c.
1098 Lemon's Giant Mixed. Flowers and trusses very large—Per pkt. 10c.

IPOMOEA
1155 Brasilian Morning Glory (Ipomoea Setosa), a very desirable climber, makes a thick dense growth, and is brilliant with an endless profusion of rose-colored flowers, with a satiny pink star in each. 10c.
1160 Grandiflora (Moon Flower), a well-known plant, unfolding its large, pure white, sweet-scented flowers after sundown, very interesting to watch; grow very quickly, and will cover a large surface within a few weeks. 10c.
1165 Imperialis (Japanese Morning Glory), of all the different climbing plants these take first rank. The best of all the Morning Glories, and of easy cultivation, sowing the seed outside in early May, after soaking for 2 or 3 days in tepid water. They will soon cover a large surface and glory every morning with most magnificent flowers of exquisite colors and gigantic size. Some are deep rich, velvety; others faintly tinted and shaded from soft rose to crimson, light violet to purple, snow white to gray, blotted and spotted. Oz. 50c; pkt. 5c.
1166 Rubicorona. Immense flowers, sky-blue—Per pkt. 10c.

KOCHIA
(Standing Cypress or Belvédère)
1180 Scoparia. A pretty annual forming a clump, cypress-like bush about 3 feet high. Admirable for forming hedges, which by approach of autumn turn to a deep red. 5c.

LANTANA
1188 Hybrid Mixed. A half-hardy, perennial greenhouse plant, well suited for bedding. The musk-scented flowers are produced in large umbels in countless numbers, their coloring being of quite distinct tints of red, orange, rose or white. Pkt. 10c.

LARKSPUR
A charming annual, with long spikes of magnificent flowers and graceful torn-like foliage. For hardy Larkspur, see Delphinium.
1193 Dwarf Rocket—Pkt. 5c.

TALL STOCK FLOWERS,
1200 Dark Blue .5c. 1201 Lilac .5c.
1202 Light Blue .5c. 1203 White .5c.
1204 Light Pink .5c. 1205 Mixed Colors .5c.
1206 Collection of the 4 colors .15c.
LATHYRUS (Hardy or Everlasting Sweet Pea)
A favorite perennial climber for covering fences or trellises; also useful for the rockery, with bright flowers appearing in clusters from 4 to 6 to a stem.
1219 Lathyrus purpureus, purplish red... 5c. 1221 Lathyrus, white... Pkt. 5c.
1220 Pink Beauty, bright pink... 5c. 1228 Mixed Colors... Oz. 30c... 5c.

LAVENDULA (Lavender)
1220 Vera, a sweet-scented, hardy perennial, of delicious fragrance; an old-fashioned plant; should be in every garden. Oz. 20c. Pkt. 5c.

LINUM (Flax)
1240 Grandiflorum rubrum (Scarlet Flax), a showy annual, growing about 15 inches high, with brilliant scarlet flowers on long slender stems. The foliage is very fine, making a very graceful plant. Pkt. 5c.

LOBELIA
The annual varieties of this invaluable bedding plant are very important for design planting, hanging baskets, window boxes or pots, blooming in a marvelous profusion the entire season. The perennial kinds are very imposing and should be in every hardy border.
1250 Erinus Emperor William, very compact, bright blue... Pkt. 5c.
1252 Spectabilis (Crystal Palace), deep blue... Pkt. 5c.
1255 Dwarf Mixed Kinds... Pkt. 5c.
1256 Crystal Palace Compacta, fine, rich blue, very compact... Pkt. 10c.
1257 Heterophylla major, very large flowers of a brilliant sky-blue, with a clear white eye, the best continuous bloomer, forms close compact bushes 6 inches high... Pkt. 10c.
1260 Cardinalis (Cardinal Flower), a tall growing kind, 3 feet high, with large crimson scarlet flowers... Pkt. 10c.

LOPHOSPERMUM
1270 Scandens, a beautiful annual climber, very ornamental, with rose-purple gloxinia-like flowers. Pkt. 10c.

LUPINUS (Lupins)
1270 Annual Mixed, stately free flowering annuals, doing well in a sandy soil, with long, graceful spikes of various colored pea-shaped flowers encircling the stems; a beautiful plant. Oz. 25c. Pkt. 5c.

LYCHNIS
1280 Chalcedonica (Jerusalem Cross), Magnificent, a hardy perennial, for naturalizing in low places and exceedingly ornamental in the hardy border, growing from 2 to 4 feet tall and surmounted with a big bouquet of brilliant scarlet cross-shaped flowers. Pkt. 5c.

MIGNONETTE (Reseda)
A great favorite with all flower lovers on account of its delicious fragrance. Sowing should be made early in spring and again in August, so as to have a succession of bloom the whole season.
1270 Defiance, one of the finest, with large, heavy spikes, deliciously scented, and perhaps the most valuable with every grower. Flower spikes 15 inches long are under favorable conditions common occurrence, 10c.
1272 Goldith. Undoubtedly the most beautiful Mignonette in existence; of compact growth, with long, stiff stems of crimson flowers, 15c.
1274 Machet. An old favorite; fine for pots and cutting; with large, good colored flower spikes, 10c.
1280 Miles’ Hybrid Spiral. Branching habit... 5c.
1282 Large Flowering Pyramidal. A good red variety... Oz. 25c... 5c.
1286 Victoria. A fine, large flower... 5c.
1289 Victoriana. Smaller flowers, but very sweet... Oz. 10c... 5c.
1289 Collection of the seven varieties... Oz. 30c... 5c.

MIGNONETTE "Machet."

MATRICARIA
1340 Capensis fl. pl. (Double White Feverfew.) A very beautiful perennial, producing thousands of small white flowers, burying the plant under a sheet of white; good either for culture in the open border or for pots. Pkt. 10c.

MAURANDIA
A very graceful climber, much used by florists for filling vases, window boxes or hanging baskets, blooming from June till frost.
1350 Barclayana, purple... Pkt. 10c.
1355 Mixed Colors... Pkt. 5c.

MESEMBRIANTHEMUM
1360 Crystallinum (Ice Plant), a favorite for hanging baskets or pots, small white flowers with thick icy foliage. Pkt. 5c.
1365 Pictor (Wax Plant), large brilliant flowers overlaid with a crystal sheen. Pkt. 5c.

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1286 Victoria. A fine, large flower... 5c.
1289 Victoriana. Smaller flowers, but very sweet... Oz. 10c... 5c.
1289 Collection of the seven varieties... Oz. 30c... 5c.

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1286 Victoria. A fine, large flower... 5c.
1289 Victoriana. Smaller flowers, but very sweet... Oz. 10c... 5c.
1289 Collection of the seven varieties... Oz. 30c... 5c.

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1282 Large Flowering Pyramidal. A good red variety... Oz. 25c... 5c.
1286 Victoria. A fine, large flower... 5c.
1289 Victoriana. Smaller flowers, but very sweet... Oz. 10c... 5c.
1289 Collection of the seven varieties... Oz. 30c... 5c.
MIMOSA

1400 Pudica (Sensitive or Humble Plant). An ornamental annual with pinkish-white flowers, curious and interesting on account of the foliage closing and drooping when touched, 5c.

MIMULUS

1410 Mealanthus (Musk Plant). A perennial of dwarf creeping habit, with lanceolate green leaves and small yellow flowers; the foliage is very fragrant, 5c.

1412 Tigrinus (Monkey Flower). A pretty annual, producing its large, variously colored flowers in greatest profusion throughout the summer, 5c.

MINA

1420 Lobana. One of our best half-hardy climbing plants, producing its long, narrow, crimson to orange flowers in countless numbers; exceedingly effective, 10 cents.

MIRABILIS

(Marvel of Peru, or Four-o’clock.)

1430 Juliana Mixed. An annual which should be planted in every garden. They grow under any conditions, in any kind of soil, and are covered with a marvellous quantity of bright, sweet-scented flowers. Per oz. 15c....5c.

MOMORDICA

An annual climber covering a large surface in a very short time, especially suited to hide old barns or other unsightly places. They are very effective, when the ripe golden yellow fruits open and show the shining seed and their brilliant crimson interior.

1440 Balsamum (Balsam Apple) ____________5c.
1441 Chaunusia (Balsam Pear) ____________5c.

MUSA ENSITE

(Abyssinian Banana.)

1450 Undoubtedly our most majestic and tropical-looking foliage plant, of very striking effect through its long, broad leaves, when planted by themselves or in groups with old plants. It attains immense proportions in our hot summers, when placed in the open sun and planted in liberally manured soil. Seed should be sown early in the house, where heat can be applied, and the plants planted outside about the middle of May, 5c.

NEMOPHILA

(love-in-a-mist)

1460 Mixed Varieties. A very freely blooming annual, of neat, compact habit; likes a cool and shady place, where it will grow very luxuriantly. May be sown outdoors, latter part of April or early in May, 5c.

NEREMBERGIA

(Cup Flower.)

1470 Frutescens. A half-hardy perennial of slender growth; continuously in bloom; fine for bedding, 10c.

NIGELLA

(Love-in-a-Mist)

1480 Damascena Double Mixed. A dwarf annual, with finely cut foliage; of easiest cultivation, 5c.

MYOSOTIS

(Forget-me-not)

There are few gardens, indeed, where this old, little, dear favorite is missing. Its bright, pretty flowers blooming in such profusion in spring are well known to every lover of flowers. The Pericallis varieties are admirably adapted for naturalizing in moist places.

1460 Alpestria. Bright blue ____________5c.
1462 Eliza Foard (Robusta grandfla). Very large flowers; blue ____________5c.
1464 Victoria. Dwarf bushy, large umbels of light blue ____________10c.
1466 Palustris. The true Forget-me-not; beautiful clear blue, blooming a long time ____________10c.
1467 Superboreus. The ever blooming kind; elegant for shady places__10c.
1468 Mixed ____________5c.

NICOTIANA

1600 Affinis (Tobacco). A magnificent summer blooming annual, with large, tubular shaped, pure white flowers, deliciously scented. They are very suitable for bedding; to be planted in masses, 5c.

1664 Sanderae. This beautiful hybrid comes to us from England, and has created a sensation at every show where it was exhibited and was pronounced by all the most strikingly beautiful plant of the year. It forms a much branched plant about two feet high, laden with flowers from base to summit, a simply gorgeous sight with its handsome, carmine, sweet-scented blossoms, of which hundreds may be counted on a single plant. The flower is shorter than in the Affinis sort. It is as easy to grow as the ordinary kind and should be in every garden, 10c.

FOR NOVELTIES AND SPECIALTIES IN FLOWER SEED SEE PAGES 43-46.
NASTURTIUM
(Tropaeolum Majus.)

There are no annuals surpassing the Nasturtium in usefulness and beauty. They will thrive luxuriantly in any soil if in a sunny location, and produce their brilliant, sweet-scented flowers in an abundance which is astonishing. Our collections have been selected with great care and special importance has been laid on bright and warm colors and prolific blooming, and we are satisfied that no selection can be any better.

DWARF OR TOM THUMB KINDS.

These are specially suited for bedding, and planted in rows will make beautiful sights when in bloom.

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1450</td>
<td>Aurora. Primrose, veined with carmine pink</td>
</tr>
<tr>
<td>1455</td>
<td>Beauty. Yellow, veined with scarlet</td>
</tr>
<tr>
<td>1450</td>
<td>Chameleon. Various colored flowers on a plant</td>
</tr>
<tr>
<td>1455</td>
<td>Empress of India. Bright crimson; dark foliage</td>
</tr>
<tr>
<td>1500</td>
<td>Golden King. Beautiful golden yellow</td>
</tr>
<tr>
<td>1505</td>
<td>King Theodore. Very deep crimson</td>
</tr>
<tr>
<td>1510</td>
<td>Pearl. Cream white</td>
</tr>
<tr>
<td>1515</td>
<td>Prince Henry. Light yellow, spotted red</td>
</tr>
<tr>
<td>1520</td>
<td>Queen of Tom Thumbs. Scarlet leaves, spotted with white</td>
</tr>
<tr>
<td>1525</td>
<td>Rose. Soft rose</td>
</tr>
<tr>
<td>1530</td>
<td>Vesuvius. Salmon rose, dark foliage</td>
</tr>
<tr>
<td>1538</td>
<td>Finest Mixed Colors. Per ½ lb. 30c.; ½ lb. 50c.; 1 lb. 90c....5c.</td>
</tr>
<tr>
<td>1529</td>
<td>Collection of 10 Varieties. (All with exception of No. 1520)...40c.</td>
</tr>
<tr>
<td>1540</td>
<td>Liliput, or Miniature. A dwarf, compact grower, free bloomer</td>
</tr>
</tbody>
</table>

TALL OR RUNNING KINDS.

They are elegant for covering fences, trellises, rockery, or trailing over the ground. They should not be planted too close; planted in hills at least two feet apart is close enough.

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1550</td>
<td>Chameleon. Various colored flowers on the same plant</td>
</tr>
<tr>
<td>1555</td>
<td>Crimson. Very rich color</td>
</tr>
<tr>
<td>1560</td>
<td>King Theodore. Very deep crimson</td>
</tr>
<tr>
<td>1565</td>
<td>Lemon Yellow. Clear yellow, veined red</td>
</tr>
<tr>
<td>1570</td>
<td>Pearl. Creamy white</td>
</tr>
<tr>
<td>1575</td>
<td>Prince Henry. Light yellow, spotted red</td>
</tr>
<tr>
<td>1580</td>
<td>Rose. Soft rose</td>
</tr>
<tr>
<td>1585</td>
<td>Scarlet. Very bright</td>
</tr>
<tr>
<td>1590</td>
<td>Vesuvius. Salmon rose</td>
</tr>
<tr>
<td>1598</td>
<td>Finest Mixed Colors. Per ½ lb. 30c.; ½ lb. 50c.; 1 lb. 90c....5c.</td>
</tr>
<tr>
<td>1599</td>
<td>Collection of the Nine Varieties</td>
</tr>
</tbody>
</table>

LOBB'S RUNNING NASTURTIUM
(Tropaeolum Lobbianum.)

There is only a slight botanical difference between these and the preceding kinds. The foliage is not as luxurious, but they bloom freer and have very brilliant colors.

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1610</td>
<td>Brilliant. Dark, rich scarlet</td>
</tr>
<tr>
<td>1620</td>
<td>Regina. Salmon red, changing to cream</td>
</tr>
<tr>
<td>1625</td>
<td>Rois des Noirs. Deep, velvety garnet</td>
</tr>
<tr>
<td>1630</td>
<td>Spitfire. Brilliant scarlet</td>
</tr>
<tr>
<td>1635</td>
<td>Hybrids of Mad. Guater. A beautiful strain with large flowers of magnificent colors</td>
</tr>
<tr>
<td>1638</td>
<td>Finest Mixed Colors. Per ½ lb. 40c.; ½ lb. 75c.; 1 lb. $1.25....5c.</td>
</tr>
<tr>
<td>1639</td>
<td>Collection of the Six Varieties</td>
</tr>
</tbody>
</table>
PANSIES

(Heart's Ease.)

We offer below some of the choicest varieties of Pansies known for enormous size and beautiful colors.

The Pansy is another one of those universal favorites, highly prized by all. Their colors are so various that every known shade seems to be among them. They are some of the first flowers to bloom in the early spring and a bed of them, with its many different colors, will be one of the prettiest sights in the garden. For spring blooming they should be sown in the fall and protected slightly during the winter, or they may be sown very early in cold frames; for summer blooming sow in spring and plant out where they will have protection from the afternoon sun. They delight in a rich soil.

LARGE-FLOWERED PANSIES IN SEPARATE COLORS.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1700 Cardinal</td>
<td>10c.</td>
</tr>
<tr>
<td>1705 Emperor William</td>
<td>10c.</td>
</tr>
<tr>
<td>1710 Dr. Faust.</td>
<td>10c.</td>
</tr>
<tr>
<td>1715 Gold Edged.</td>
<td>10c.</td>
</tr>
<tr>
<td>1720 Light Blue</td>
<td>10c.</td>
</tr>
<tr>
<td>1725 Lord Beaconsfield</td>
<td>10c.</td>
</tr>
<tr>
<td>1730 Ponceck.</td>
<td>10c.</td>
</tr>
<tr>
<td>1735 Snow Queen.</td>
<td>10c.</td>
</tr>
<tr>
<td>1740 Striped and Mottled</td>
<td>10c.</td>
</tr>
<tr>
<td>1745 White with Dark Eye</td>
<td>10c.</td>
</tr>
<tr>
<td>1750 Yellow with Dark Eye</td>
<td>10c.</td>
</tr>
<tr>
<td>1755 Yellow Gem.</td>
<td>10c.</td>
</tr>
<tr>
<td>1759 Collection of the Twelve Colors</td>
<td>$1.00</td>
</tr>
<tr>
<td>1760 Andromedea.</td>
<td>25c.</td>
</tr>
</tbody>
</table>

GIANT TRIMARDEAU PANSIES IN SEPARATE COLORS.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1765 Emperor William</td>
<td>10c.</td>
</tr>
<tr>
<td>1770 Fire King.</td>
<td>10c.</td>
</tr>
<tr>
<td>1775 King of the Blacks</td>
<td>10c.</td>
</tr>
<tr>
<td>1780 Striped and Mottled</td>
<td>10c.</td>
</tr>
<tr>
<td>1785 White with Purple Eye</td>
<td>10c.</td>
</tr>
<tr>
<td>1790 Yellow with Black Eye</td>
<td>10c.</td>
</tr>
<tr>
<td>1799 Collection of the Six Colors</td>
<td>50c.</td>
</tr>
<tr>
<td>1800 Giant Trimardeau Mixture</td>
<td>10c.</td>
</tr>
</tbody>
</table>

PANSIES IN MIXTURE.

1800 Gold Medni Mixture. The markings and colorings of this strain are marvelous, composed of shades of brown, black, bronze, canary, chocolate, light blue, violet, indigo, orange, yellow, garnet, chestnut, marbled and mottled, white, striped, edged and blotched; and we are confident that they will give the best satisfaction. Their texture is firm; of round, perfect form, and remarkable for freedom of bloom. This mixture is the result of a lifelong experience, and we doubt if any better can be purchased. 1/2 oz. $1.25. Pkt. $0.50.

1807 Giant Trimardeau Mixture. This class of Pansies has been perfected to its present high standard after years of careful selection. They are very luxuriant in their growth, producing very large spotted flowers, the colors of which are remarkable for their warmth and purity. For bedding in mixture or planting in rows in separate colors, they are the most effective. They are well adapted for our trying climate. 1/4 oz. 50c.; pkt. 10c.

1808 Giant-Flowered Pansies. This class is distinguished by its magnificent colors and markings. They usually have a large dark blotch on each petal, surrounded by a broad band of contrasting color, while a lighter netting is thrown over the entire flowers. The size of the blossom is tremendous; flowers measuring 2½ inches in diameter are by no means rare. 1/2 oz. 75c.; pkt. 15c.

1811 Bognet's Giant Mixed. Another remarkable strain, showing deep, irregular blotches on each petal, surrounded by a lighter band, which is again edged by a ribbon of a dark color. The edges are slightly frilled and fluted. The colors are soft and odd, presenting novel and striking combinations. 1/2 oz. 75c.; pkt. 15c.

1813 Large-Flowered Mixed. A fine mixture of Pansies of medium-sized flowers; fine for growing in masses. 1/4 oz. 35c.; 1 oz. $1.00; pkt. 5c.
PETUNIA

A garden without these favorites could hardly be called complete; there are few which equal them for effect. They commence blooming in July if sown outside in May, and continue to flower in great masses until destroyed by frost. Their culture is the most simple; any soil seems to suit them, while of course, a good rich earth adds greatly to the richness of color. The various strains which we offer have been obtained from specialists, and we are confident that they will give satisfactory results. For early blooming sow early in the house and cultivate in small pots or flats till the weather has settled.

1850 **Gold Medal Single Fringed.** Saved from the finest marked and largest flowers; beautifully fringed, of long, deep throat and magnificent colors, 25c.

1852 **Gold Medal Double Fringed.** Like the preceding, but very double, forming perfect balls, often resembling a double carnation-flowered Poppy, 50c.

1854 **Giants of California.** Giant flowers of striking colors and markings, with deep yellowish veined throats, 25c.

1855 **Howard's Star.** A beautiful, full-flowering strain; color a deep purplish crimson with a plainly defined large white star over the flower, 15c.

1862 **Inimitable Mixed (Star Petunia).** A dwarf, compact growing variety of various colors, with a star of lighter color over the flower, 10c.

1865 **Striped and Blotched.** A very floriferous strain of medium large flowers, striped and blotched irregularly; very effective, 5c.

1863 **Five Mixed.** Very fine for massing, producing flowers in greatest profusion, 5c.

1869 **Adonis.** Carmine, white throat, 10c.

PASSIFLORA

(Passion Flower)

1820 **Mixed.** A beautiful half-hardy perennial climber, with large, magnificently colored flowers, produced abundantly throughout the season, 10c.

FOR SPECIALTIES AND NOVELTIES OF FLOWER SEEDS

SEE PAGES 43-46.

PERILLA

1840 An annual plant with dark-brown foliage, cut and frilled at the edges, giving the plant a very ornamental appearance. It is largely used for bordering off Cannas and other high subjects, 5c.

PHLOX DRUMMONDII

One of our best continuous blooming annuals, invaluable for bedding and excellent for cut-flower purposes. They are unquestionably one of our most useful plants, giving a richness to our gardens during the hot months as few other plants. The flowers are produced in clusters of large, beautifully-colored blossoms. May be sown outside in spring, or started in the house if wanted earlier.

**LARGE-FLOWERED VARIETIES.**

1886 Crimson ___________________________ 10c. 1892 Scarlet ___________________________ 10c.

1888 Dark Blue ___________________________ 10c. 1894 White ___________________________ 10c.

1890 Deep Pink ___________________________ 10c. 1896 Mixed Colors ______________________ 10c.

1899 Collection of the Five Colors ___________________________ 35c.

**DWARF LARGE-FLOWERED VARIETIES.**

1902 Crimson ___________________________ 10c. 1908 Scarlet ___________________________ 10c.

1904 Dark Blue ___________________________ 10c. 1910 White ___________________________ 10c.

1906 Deep Pink ___________________________ 10c. 1918 Mixed Colors ______________________ 10c.

1919 Collection of the Five Colors ___________________________ 35c.

**EXTRA DWARF LARGE-FLOWERED VARIETIES.**

A very dwarf, compact growing strain, specially suited for pots and edging.

1920 Fireball. Scarlet ____________________ 10c. 1922 Snowball. Pure white ____________________ 10c.

1925 Mixed Colors ______________________ 10c.

1926 Phlox Double Mixed, with half-double flowers ____________________ 10c.

1928 Star Phlox (Star of Queentshge). Pretty, star-shaped flowers of various colors ____________________ 10c.
HARDY PHLOX
(Pheon decussata)
A glorious hardy perennial, widely known and found in almost every garden, producing on long slender stems large clusters of bright-colored flowers, continuing to bloom through the entire season.
1930 Tall Mixed ......................................... 10c.
1932 Dwarf Mixed ........................................ 10c.

PLATYCODON
(Chinese Bell Flower)
A beautiful hardy perennial with large cup-shaped flowers appearing throughout the season. They grow very readily from seed and are subject to disease in the hardy border.
1940 Japonicum B. Pk. A new double, very floriferous variety, 10c.
1943 Marius. Large open flower 10c.

POLYANTHUS
(Primula elatior)
This beautiful little perennial is one of the first to bloom after the snow has cleared away. The sweet-scented flowers are borne in umbels on slender stems seven inches high, and are of soft and pure colors. They delight in a moist and cool position and are fine for naturalizing.
1960 Mixed Colors ....................................... 10c.

PORTULAC A
(Sun Plant)
One of the brightest annuals, if favored with a sunny spot. They grow in any soil and soon carpet the ground with heavy wax-like growth, opening their flowers of glaring colors on sunny days.
2029 Single Mixed. Oz. 30c. Pkt. 5c.
2025 Double Mixed ........................................ 10c.

PRIMULA (Primrose)

Chinese Primroses.
The Chinese Primroses and the Obconica varieties are the most useful pot plants for blooming in winter, and are not so very particular as to position as long as they receive a few rays of sunlight. Best success will be obtained, however, by those who have a cold frame at their command. They should be sown from March until June.
2040 Alba Magnifica. Pure white 35c.
2041 Chinwiek Red. Brilliant scarlet 25c.
2043 Kermesina. Carmine scarlet 25c.
2044 Holborn Blue. Deep violet 25c.
2045 Striped 25c.
2046 Mixed Colors ........................................ 25c.

HARDY POPPIES


PYRETHRUM

2070 Aureum (Golden Feather). Well-known bedding plant used for borders. Pkt. 5c.
2075 Roseum Mixed. Magnificent herbaceous plants, with large daisy-like beautifully colored flowers. Pkt. 10c.
RHODANTHE
(Swan River Everlasting.)

2099  Mixed Colors. A pretty annual everlasting, growing in any soil, preferring a sunny position. Per pkt. 5c.

RICINUS
(Castor-Oil Bean.)

There are no more ornamental and majestic looking plants among the annuals than the Ricinus. Planted in groups surrounded by Cannas, or along a fence, they impart a tropical appearance, the beauty of which is beyond description; and for solitary plants in the lawn no plant could rival the Zanbihariensis variety. Their regular ornamental growth, with the immense, massive foliage, cut with a mathematical precision, cannot be praised too much.

2110 Borbonlicnsis arbores. Growing to a height of 15 feet, very large and beautiful green foliage. Oz. 15c. Pkt. 5c.

2112 Cambodiensis. Large and richly colored leaves, taking different shades as the plant grows; fine for groups. Oz. 20c. Pkt. 5c.

2114 Gibsoni. A dwarf growing sort, with deep red foliage; beautiful plant. Oz. 15c. Pkt. 5c.

2117 Zanbihariensis Mixed. The most stately of all; should be used as single plant on a lawn in a position where high winds do not strike it, but where it gets all sun possible. A soil consisting of half well-rotten manure and half loamy sand will result in gigantic plants. Oz. 15c. Pkt. 5c.

2118 All Sorts Mixed. Oz. 15c. Pkt. 5c.

2119 Collection of the Four Sorts. Pkt. 15c.

SCABIOSA
(Mourning Bride; Sweet Scabious, Pincushion Flower.)

A beautiful annual, growing in almost any soil. The large double flowers are borne on long slender stems, and are of the most magnificent colors. They begin blooming the latter part of July, and continue in the greatest profusion till late in the fall. They make one of the best flowers for vases, and should be in every garden.

LARGE-FLOWERING VARIETIES.

2160 Double Crimson 5c.

2162 Double Flesh Pink 5c.

2164 Double Purple 5c.

2166 Double Scarlet 5c.

2167 Double White 5c.

2168 Double Mixed Colors 5c.

2170 Collection of the 5 Colors 30c.

2175 Dwarf Double Mixed All colors. Oz. 25c. 5c.

2176 Caucasia. A very handsome, hardy perennial of tall growth, with lilac-blue flowers. 10c.

2177 Alba, with white flowers. 10c.

SALPIGLOSSIS
(Painted Tongue.)

A charming annual; being of easy culture, and producing flowers with wonderful markings throughout the summer; a great favorite with all lovers of flowers. Easily raised from seed.

2130 Large Flowered Mixed 5c.

2135 Superbissima Mixed. Very large flowers, splendidly marked, bearing a regular bouquet of magnificent blossoms on its summit, 10c.

SALVIA
(Flowering Sage.)

One of our brightest bedding plants, easily raised from seed sown outside, or started in the house or conservatory, producing its magnificently colored flowers on long, slender stems, in a profusion which sometimes completely covers the plant.

2140 Patens (Blue Sage). This is one of the most beautiful blue colors, very deep and clear. Pkt. 15c.

2145 Splendens (Scarlet Sage). Bright scarlet; well known. Pkt. 5c.

2146 Bonfire. A dwarf and compact growing form of the preceding, commencing to bloom fully four weeks earlier. ½ oz. 75c. Pkt. 10c.

SCHIZANTHUS
(Butterfly, or Fringe Flower.)

They are very pretty annuals, having been called “Poor Man’s Orchid.” They grow very easily from seed sown in the spring, and produce in great masses throughout the season.

2190 Wisetonensis. Forms bushy plants about 18 inches high, literally covered with small orchid-like flowers, which are on white ground dotted with delicate rose, the upper lip showing a big blotch varying between golden yellow, carmine, rose or brown, 20c.

2195 Mixed Colors. A very fine mixture. 5c.

SMILAX
(Myrtiphyllum.)

2210 A beautiful perennial greenhouse climber, much used by florists for decorating; very graceful; of fresh green color. 10c.

SOLANUM

2220 Capsicatrum (Jerusalem Cherry). Makes a most desirable pot plant for the winter, with its numerous cherry-like bright red berries. It is of compact, bushy growth, can be sown from February till April in the house, and may either be grown in the open or in pots during the summer. 10 cents.

STEVIA SERRATA

2230 Free blooming, white flowers, suitable for cutting. Pkt. 10 cents.
SWEET PEAS IN MIXTURE

For Named Varieties of Sweet Peas, see Specialty Page 16.

Our mixture of Sweet Peas is prepared by our growers out of choice mixed varieties and will be found of a superior grade. We do not handle any mixture bought as mixtures, however, and which, unfortunately, will always contain the largest proportion of common and uninteresting sorts.

2176 Gold Medal Mixture. This grade containing nothing but the most desirable varieties of largest flowers, and the colors are most carefully blended to give the best effect possible. Pkt. 5c., oz. 15c., lb. 40c., 15 lb. $1.00.

2177 Eckford's Large Flowering Mixed. In this mixture will be found some of the best of the general list, and it will surely give satisfaction. Oz. 35c., lb. 1 lb. 55c.

2178 Collection of a packet each of the "AS Gold Medal" Sorts (See Specialty Page 48.) 1 oz. of each $1.00.

SWEET PEAS IN SEPARATE COLORS.

A good many flower lovers desire to grow Sweet Peas in separate colors, and for these we have made the following mixtures, which we believe will meet with the approval of our friends, and be welcomed by those who like to grow the various shades of red, blue, white, or any other shades, by themselves.

2181 Lavender and Blue Shades Mixed.
2182 Maroon and Purple Shades Mixed.
2183 Pink and Rose Shades Mixed.

Price. Any of the above 5c. per pkt.; 10c. per oz.; 25c. per 1 lb.; 75c. per lb.

RUSH SWEET PEAS.

2197 These form a perfect bush, 18 inches high. Are suitable for growing in hedges, also nice when grown in clumps by themselves. If the latter method is employed they should be staked.

Mixed Colors: 5c. per pkt.; 10c. per oz.; 25c. per 1 lb.; 75c. per lb.

CUPID OR DWARF SWEET PEAS.

2198 These grow only about 8 inches high and are very effective if planted as edgings. They will bloom very profusely and will make a very striking appearance. They are also very useful for pots.

Mixed Colors: 5c. per pkt.; 10c. per oz.; 25c. per 1 lb.; 75c. per lb.

For Named Varieties of Sweet Peas, see Specialty Page 16.

SWEET ROCKET (Hesperis.)

2510 An old-fashioned hardy perennial growing about 3 feet high, with showy white, blue or purple flowers, sweetly scented. A good subject for the hardy border. Pkt. 5c.

SWEET WILLIAM (Dianthus Barbatus.)

A very showy hardy biennial, exceedingly effective when planted in borders or beds. They grow about 15 to 18 inches high, bearing on the summit a large tuft of closely set, showy flowers of the richest colors imaginable. An old, well-known favorite.

2520 Deep Red Pkt. 5c. 2525 White Pkt. 5c.
2522 Blackish Crimson Pkt. 5c. 2526 Mixed Colors. A splendid grade. Pkt. 5c.
2524 Eulalee Glory, Mixed Pkt. 10c.
2529 Collection of the 4 Colors Pkt. 25c.
2530 Double Mixed Colors. O. 5c. .

STOCKS (Gilliflower.)

One of our sweetest annuals and very popular with all lovers of flowers, bearing long stems closely set with large double clove-scented flowers of magnificent colors. May be sown right in the open border or started in the house for earlier blooming.

CUT AND COME AGAIN, TEN-WEEK STOCK.

A perpetual blooming variety which, when sown early in the house, starts to bloom in June and continues to bloom till late in fall, they are of branching habit and undoubtedly most desirable for cut-flower purposes.

2249 Bright Blood Red Pkt. 10c. 2250 Silver Rose Pkt. 15c.
2251 Cream Yellow Pkt. 10c. 2256 Purple Pkt. 15c.
2252 Delicate Lilac Pkt. 10c. 2257 White (Princess Alice) Pkt. 10c.
2256 Mixed Colors Pkt. 5c.

LARGE FLOWERS TEN-WEEK STOCK.

Similar to the preceding, blooming in summer.

2251 Blood Red Pkt. 10c. 2256 Rose Pkt. 10c.
2252 Canary Pkt. 10c. 2257 White Pkt. 10c.
2254 Light Blue Pkt. 10c. 2258 Mixed Colors Pkt. 5c.
2255 Purple Pkt. 2259 Collection of the 6 Colors 45c.
THUNBERGIA
(HI!ACK-EYED SUSAN.)
2540 A beautiful annual climbing plant much used for vases and baskets, producing their pretty dark-eyed flowers of buff, white or orange in greatest profusion.

Mixed Colors ................................................. Pkt. 10c.

TORENIA
A pretty little annual, covered the entire season with a mass of bloom, very fine for bedding, in the border, vases or hanging baskets.

2550 Ballonti, golden yellow, with chestnut-red throat Pkt. 10c.
2551 Fournieri, sky-blue, spotted dark, yellow center Pkt. 10c.

MAMMOTH VERBENAS
A great favorite with all, blooming in marvelous profusion during the entire summer, they are also very useful for hanging baskets or window boxes, adding variety of color. We have a very fine strain of the mammoth flowering kind.

2560 Pink ................................................. 10c.
2561 Purple ................................................. 10c.
2562 Scarlet ................................................. 10c.
2563 White ................................................. 10c.
2564 Mixed Colors ............................................ 5c.
2565 Collection of the Five Colors ......................... 35c.
2571 Compacta Carnea (see Novelty Page 44), pkt. 25c.
2570 Lemon Verbena (Aloysia citradora). A plant whose leaves are of a delicious fragrance; should be in every garden....... 10c.

VINCA
(Madagascar Periwinkle, or Old Maid.)
One of the most satisfactory annual bedding plants, blooming profusely the entire season till frost. They are of very ornamental appearance, their bright, glossy foliage contrasting well with the large, elegant blossoms.

2590 Rosea. Rose, dark eye .......................... 10c.
2591 Alba. White, red eye ...10c.
2592 Alba Purpurea. Pure white ........................ 10c.
2593 Mixed Colors ........................................ 10c.

WALL FLOWER
An old favorite with fragrant flowers, blooming late in the fall and elegant for winter flowering in the house or conservatory. May also winter outside under slight protection.

2620 Single Mixed. A choice mixture .................. 5c.
2625 Double Mixed ........................................ 10c.

VIOLAS OR TUFTED PANSIES
This Pansy is decidedly distinct from the large flowering, well-known Pansies. The flowers are here not so large and present so far not the variety in color, but they bear their pretty, clear-colored blossoms in such masses throughout the entire summer that they completely cover the ground with a sheet of color.

2600 Blue Perfection ....................................... 10c.
2601 Cornuta. Light blue .............................. 10c.
2604 White Perfection ...................................... 10c.
2605 Mixed Colors ........................................... 10c.
2606 Lucent splendens ....................................... Bright yellow. 10c.
2612 Odorata semperflorens (Everblooming Sweet Violet), The well-known favorite....... 10c.

ZINNIA
(Youth and Old Age.)
A magnificent annual, known by all lovers of flowers, and without any question, the most satisfactory plant for bedding. The flowers are produced in great masses during the entire season and from the time the first flower opens till frost destroys them, they are never out of bloom. The flowers are of various shapes, some looking like an Asters and others again like a Dahlia, and all have a richness and variety of color which is simply astonishing. They should be planted in masses, either in separate colors or in mixture. They will never fail to attract attention. No garden should be without them.

2640 Dwarf Double Canary .................................. 5c.
2642 " " " Jaquemont ............................ 5c.
2644 " " " Orange ........................................ 5c.
2649 Collection of the Six Colors ........................ 5c.
2655 Tall Double Mixed. OZ. 20c.
2662 Tall Giant-Flowered Mixed. A beautiful strain with very large flowers and magnificent colors. 10c.
2663 Double Fringed Mixed. The petals of this new strain are deeply cut and fringed, making a very striking color 10c.
2675 Single Mixed. A very effective and artistic flower; very free bloomer and fine for bedding 5c.
Bulbs and Roots for Summer Bloom

BEGONIAS TUBEROUS ROOTED

Extremely valuable bedding plants for the summer, especially so in the half shady position; bearing in never-ending profusion large, bright-colored flowers. The foliage is also very becoming, some leaves being beautifully marked with thick, silvery veins; some of them are closely covered with tiny little white or red hairs. The enormous size and intense brilliancy of the flowers command greatest admiration. They may be started in the house in pots or boxes and planted outside when the weather is settled; but if planted right outside in May (an earlier time being very dangerous except in the southern States) will also bloom very successfully; a rich soil will produce exceptional vigor.

Single Kinds. Pink, scarlet, white, yellow, 10c. each; $1.00 dozen.
Single Mixed. A fine mixture of above colors, $5e. each; 75c. dozen.
Double Kinds. Pink, scarlet, white, yellow, 15e. each; $1.50 dozen.
Double Mixed. A fine mixture of above colors, 12c. each; $1.25 dozen.

CALADIUM ESCULENTUM

(Elephant’s Ear)

A very ornamental plant, adding a luxuriance to the garden which only tropical plants can give. The leaves attain enormous proportions, oftentimes 2½ feet wide by 4 feet long. They are elegant for solitary clumps in the lawn, where a large clump should be planted together. Where they are wanted for borders around Canna beds, etc., it will be advisable to use the smaller bulbs. They like a rich, welmanured soil, and plenty of moisture in their growing period.

Giant Bulbs. 25c. each (by mail 40c.); $2.50 per dozen; $15.00 per 100.
Large Bulbs. 10c. each (by mail 15c.); $1.00 per dozen; $7.50 per 100.
Good Bulbs. 7c. each (by mail 12c.); 75c. per dozen; $5.00 per 100.

AMERICAN AND FRENCH CANNAS

(Indian Shot)

The Cannas are undoubtedly the queens of all bedding plants for our trying climate; their bold and massive growth, with the large, waving heads of the most brilliant flowers, make a magnificent show. Of the many varieties now in commerce, we have made a selection of twelve, which we believe will answer even the most critical demands. For best results Cannas should be started in the house or conservatory, but good success may also be gained by planting the roots outside the latter part of April or early in May. They delight in a soil which is abundantly mixed with well rotted cow manure.

TWO PRIZE-WINNER CANNAS

William Saunders. 3½ feet. Foliage rich bronze. The flowers are large, of splendid form and are borne very freely in immense clusters. The color is a deep rich shining scarlet, lightly dappled with crimson. Each, 35c.; three for $1.00.

Mont Blanc. This is the finest White Canna in the market. The flowers are large, well shaped, and produced very profusely in broad clusters, making a magnificent contrast with other sorts. The foliage is broad, mass-like, of green color. 15c. each; $1.25 per dozen.

TEN SELECTED CANNAS

Burbank. Five feet. Green foliage. The flowers gigantic in size, petals show fine crimson spots, the rest of the flower a most beautiful rich canary-yellow.

Patrie. A grand dwarf kind; brilliant crimson with scarlet shadings; green foliage; three feet.

Louise. Very large flower; rose pink; green foliage; five feet.

David Hunt. A grand variety; bright, deep vermilion; bronze foliage; three and one-half feet.

King Humbert. Five feet. Bronze foliage, flowers brilliant orange scarlet with bright red markings. One of the finest Cannas now on the market. Each 20c.; per dozen $2.00.

Florence Vaughan. A great favorite; large flower of golden yellow with red spots; green foliage; four feet.

McKinley. Very large, broad petalled flower, soft glowing red; green foliage; five feet.

Black Beauty. This is the most beautiful of the dark-leaved Cannas. The foliage is very massive, curled at the edges, and of a very intense, rich bronzypurple color, growing five to six feet high. 15c. each; $1.50 per dozen.

Mrs. Kate Gray. The strongest growing sort of the set; very broad, dark green foliage, with extra large trusses of rich, orange scarlet flowers overlaid with gold, standing high above the foliage; five to six feet.

Mike. Crazy. Crimson scarlet with yellow border; green foliage three and one-half feet.

Queen Charlotte. Intense crimson scarlet with broad yellow border; very free flowering; green foliage; the finest bedder; three and one-half feet.

Paul Marquart. A very distinct color, rich and soft salmon; green foliage; three feet.

Price: Any of the above (except where noted) 10c. each; $1.00 per dozen; $8.00 per 100.

CINNAMON VINE (Dioscoreas Batatas)

A very rapid growing climber with bright, deep green, heart-shaped foliage, grows to a height of from 25 to 30 feet. The little white flowers have the same fragrance as cinnamon, whence its name. 5c. each; 50c. dozen.
DAHLIAS

We have been frequently asked by our customers when we advise planting Dahlias. There is a diversity of opinion as to the proper time to plant, but we find better results are obtained from early planting. Roots should be planted at least ten days before danger from frost is over, as it takes from two to three weeks for them to appear above the ground.

SEVEN “PRIZE-WINNER” DAHLIAS

Twentieth Century. A magnificent flower, which has created the greatest sensation at all flower shows. A cut flower of exceptional value. It is of freely branching habit, blooming profusely all season. The elegant flowers are very large, 4½ to 6 inches in diameter; of a rosy crimson, tipped and edged with white and white around the disc, becoming lighter as the season advances. 15c. each; $1.50 per dozen.

Pink Century. The finest and largest of the Orchard-flowered Dahlias. It is hard to conceive the exquisite delicacy of the flower, whose coloring is a delicate shell pink, slightly suffused with clear soft pink; free grower and bloomer. 15c. each; $1.50 per dozen.

Jrck Rose. This new Decorative Dahlia is of that brilliant velvety crimson that cannot be found elsewhere. Flowers on long stems, making it the most profitable of all Dahlias. 60c. each; $6.00 per dozen.

Collarette Dahlia “President Viger.” The illustration gives a better idea of the curious formation of the flower than any description could give. The larger petals are clear, while the short petals or frills are pure white, a most magnificent combination. 15c. each; $1.50 per dozen.

Giant Dahlia “Mrs. Roosevelt.” A truly giant flower; very graceful of form, good grower, perfectly double, 4 to 6 inches in diameter; color a delicate pink, shading to soft clear pink; magnificent. 30c. each; $3.00 per dozen.

Giant Dahlia “Cuban Giant.” A fitting companion to the preceding; just a trifle smaller, of full, round form; dark glowing crimson, shaded maroon; very vigorous grower and profuse bloomer. 20c. each; $2.00 per dozen.

Decorative Dahlia “Sylvia.” A very large flower, 4 to 6 in. in diameter, of perfect form; full to the center; color white, shading to soft pink on the outer petals. 15c. each; $1.50 per dozen.

A collection of one of each of the above seven varieties, $1.00.

SIX STANDARD SINGLE DAHLIAS

Ami Barrillet. Flowers richest garnet, with rich purplish maroon foliage.

Gold Standard. Pure deep yellow, large size, very free and continuous bloomer.

John Downie. Intense, glowing crimson scarlet, a magnificent color; very free flowering.

Juno. Very large; white, slightly suffused and topped with pink.

Sunset. Very large, straw, shading to maple and burnished copper.

Wildfire. The purest, richest scarlet.

Price: Any of the above, 15c. each; $1.50 per dozen; the set of six for 75c.

TWELVE SPLENDID DECORATIVE DAHLIAS

Clifford W. Brunton. The finest canary yellow; of immense size and perfect form; strong grower and free bloomer.

Eureka. Deep rose; of fine, regular form, with deep quilled petals; very profuse bloomer; magnificent.

Grand Duke Alexis. A very large flower, of very distinct and unique form; pure white, tipped with delicate pink.

Henry Patrick. Pure white; large size with long stem.

John Eliot. Deep, rich red; large and of perfect form.

Lucille. A magnificent flower; old gold shading to orange; of beautiful form; profuse bloomer.

Nymphaea. Of medium size; clear and distinct shrimp-pink; very free bloomer; one of the most beautiful Dahlias.

Orange King. Glowing orange; of fine form; profuse bloomer.

Salmon Queen. Very large; beautiful, soft salmon.

William Miller. Brilliant purple; extremely free.

William Agnew. Intense, glistening scarlet crimson; large flower and of exquisite shape, with long stems.

Zula. The darkest of all Dahlias, almost black; large, well-shaped flowers.

Price: Any of the above, 15c. each; $1.50 per dozen; the set of 12 for $1.25.

THE DAHLIA

Copiously and elegantly illustrated, by an expert, 40c. postpaid.
THE DAHLIA
Copiously and elegantly illustrated by an expert, 30 cents postpaid.
GLOXINIA

Undoubtedly one of the most beautiful pot plants for the house. The large velvety leaves form a most striking plant, and when the immense long bell-shaped flowers are open and show their soft and glowing colors, we have a plant whose beauty is unique and without rival. They should be grown indoors and protected from the sun. (See cut under Gloxinia Seed, page 55.)

**Strong Flowering Bulbs.** 15c each; $1.50 per dozen; $10.00 per 100.

**GLADIOLI**

These have now so many admirers that a garden, however small, is not complete without them. The improvements which have been made during the last few years have been marvelous and baffle description. The flowers have become so large and the markings so bold and so various that we look in vain for anything to equal them. They may be planted in masses in beds by themselves or scattered among low shrubbery, rosebeds, etc., and when planted at intervals of about 14 days, will give a long succession of bloom. The bulbs may be lifted in the fall after the first frost, stored away during the winter in a frost-free place in the cellar for next year's use.

**THREE MAGNIFICENT NEW GLADIOLI**

If Gladioli are wanted by mail, add 10 cents per dozen for postage.

**America.** A beautiful soft flesh pink slightly tinted with lavender, making it the most delicate coloring of any Gladiolus, flowers very large on long, strong, erect stems. 15c each; 3 for 40c; $1.50 per dozen.

**Princeps.** Large open flower of a rich dazzling scarlet, penciled with white on the lower portion, strong, vigorous grower. 20c each; 3 for 50c; $1.75 per dozen.

**Snowbank.** The most beautiful and purest of all white Gladioli, strong grower. 15c each; three for 35c; $1.50 per dozen.

One of each of above, 50c.

**FINE NAMED GLADIOLI**

If wanted by mail, add 10c per dozen for postage.

**Blanc.** Large, snow white, faintly marked soft rose. 20c each; 25c per dozen.

**Brenchleyensis.** Vermilion scarlet, fine variety. 25c. per dozen; $1.75 per 100.

**Ceres.** White, spotted with purplish rose. 30c. dozen; $2.00 per 100.

**Columbia.** Orange scarlet, blotched and penciled bluish scarlet. 5c. each; 50c. per dozen.

**Gen. Phil Sheridan.** Fiery red, with white lining on each petal, and a pure white blotch in the lower division. 6c. each; 60c. per dozen.

**Glory of Brightwood.** Scarlet, with lemon throat. 8c. each; 75c. per dozen.

**Henry Gilman.** Deep salmon scarlet with pure white bands. 5c. each; 50c. per dozen.

**Isaac Buchanan.** Very fine yellow. 10c. each; $1.00 per dozen.

**LaBreck.** Cherry tinted with orange, blazed with red, pure white satin center. 5c. each; 50c. per dozen.

**Madame Monnet.** Delicate rose. 50c. per doz.; $3.00 per 100.

**Bluejay (Baron Hulot).** The finest blue Gladiolus and a very valuable addition to this list. 15c. each; $1.50 per dozen.

**May.** Lovely white, flaked rosy crimson. 5c. each; 50c. per dozen.

**Klondyke.** Light yellow, with crimson maroon blotch. 15c. each; $1.50 per dozen.

**Mrs. Beecher.** Brilliant crimson, scarlet with white throat. 8c. each; 75c. per dozen.

**Nezinscott.** Bright blood scarlet, with deep velvety crimson blotches and white mottling in throat. 8c. each; 50c. per dozen.

**Octoroon.** Beautiful salmon pink. 7c. each; 75c. per dozen.

**Shakespeare.** White, suffused crimson rose, large rosy blotch. 8c. each; 75c. per dozen.

**Wm. Falconer.** The best light pink. 8c. each; 75c. per dozen.

One each of above 18 Fine Named Kinds, $1.25, and three each for $3.50.

**MIXTURES OF GLADIOLI**

If wanted by mail, add 10c per dozen for postage.

**Gandavensis Mixed.** A good cheap mixture. 30c. per dozen; $2.00 per 100; $12.00 per 1,000.

**Giant Mixture.** Large flowers with beautiful markings. 40c. per dozen; $2.75 per 100; $20.00 per 1,000.

**Groft's Hybrids.** A very fine mixture of beautiful colors. 30c. per dozen; $2.25 per 100; $20.00 per 1,000.

**Lemoine's Butterfly Mixture.** A very fine mixture of richest colors. 30c. per dozen; $2.00 per 100; $15.00 per 1,000.

**Pink Mixture.** 25c. per dozen; $1.75 per 100; $15.00 per 1,000.

**Purple Mixture.** 50c. per dozen; $3.50 per 100; $32.00 per 1,000.

**Scarelet and Crimson.** 25c. per dozen; $2.00 per 100; $15.00 per 1,000.

**Striped and Variegated.** 40c. per dozen; $3.00 per 100; $27.50 per 1,000.

**White and Light.** 40c. per dozen; $3.50 per 100; $30.00 per 1,000.

**Yellow and Orange.** 50c. per dozen; $4.00 per 100; $35.00 per 1,000.

**HYACINTHUS CANDICANS**

(Summer Blooming Hyacinth.)

Grow about 4 feet high, with large bell-shaped, pure white flowers, contrasting well with other summer blooming plants; should be in every garden. 5c. each; 50c. per dozen.
**HARDY GARDEN LILIES**

A garden without a few Lilies is not complete. Their beauty of form, stately habit and sweet fragrance is unequaled by any other class of plants, and by planting a few of each of those which we name in our collection, a continuous and unbroken succession of bloom may be had until autumn. There are few plants for outdoor growing which possess so many charms. Their bold and striking flowers and their easy culture renders them so indispensable that no collection should be without them. They are excellent to be planted in groups among low shrubbery, rosebeds, etc.

They should be planted in any good garden soil, preferably sandy loam, about 6 to 8 inches deep.

**Auratum** (Golden Banded Lily). One of the finest; very large, pure white, fragrant flowers, studded with dark crimson spots, while through the center of the petals runs a broad clear yellow band; height 4 feet; blooms in July. 9 to 11-inch bulbs 15c. each; $1.50 per dozen; 11 to 13-inch bulbs 25c. each; $2.50 per dozen.

**Speciosum Album**. A beautiful kind and easily grown. Flowers are pure white, spreading; 1½ for groups; blooms in August. 7 to 9-inch bulbs, 15c. each; $1.50 per dozen; 9 to 11-inch bulbs 25c. each; $2.50 per dozen.

**Speciosum Rubrum**. Same as above, shaded deep rose and spotted red. 7 to 9-in. bulbs, 10c. each; $1.00 per dozen; 9 to 11-inch, 15c. each; $1.50 per dozen.

**Tigrinum** (Tiger Lily). Orange, spotted black, 2 to 4 feet; blooms in August. 10c. each; 75c. per dozen.

**Tigrinum fl. pl.** (Double Tiger Lily). Same as above, but double flowers. 10c. each; $1.00 per dozen.

**MADEIRA VINE**

**(Mignonette Vine.)**

A very rapid growing climber with heart-shaped light green leathery foliage and fragrant feathery flowers, looking very much like sprays of Mignonette. It is one of the best vines for covering porches and trellises, growing 15 to 20 feet high and keeping remarkably free from insects; not quite hardy, should be protected during the winter. Strong roots; 2 for 10c.; 35c. per dozen. If wanted by mail, add 10c. per dozen for postage.

**MONTBRETIA**

This might very appropriately be described a miniature branching Gladiolus with star-like flowers. Indeed, they are charming plants, forming dense bushes of grass-like foliage and produce during the entire summer innumerable gracefully flower spikes 12 to 15 inches long, full of bright, star-like orange and red-colored flowers. 20c. per dozen; $2.25 per 100.

**TUBEROSES**

**Excelsior Pearl.** This variety is much superior to the common double Tuberose, being of decidedly dwarfer growth, with larger flowers sitting closely around the stem. The flowers are waxy white, 1½ to 2 inches across, of a delicious odor. If the bulbs are planted in the garden in May in rich soil and in a sunny position, they are certain to bloom the latter part of August. If they are wanted before that time they should be started earlier in pots in the house, removing them to the open when warm enough in May. Three for 10c.; 25c. per dozen; $1.50 per 100.

**OXALIS**

Very valuable for edging borders of walks or flowerbeds, and when planted 3 inches apart will produce an unbroken row of elegant foliage and pretty flowers. They bloom very quickly after planting, and will continue to do so the whole season. They are very easily grown, getting the bulbs into the ground being the only work necessary.

**Depeii.** Pure white, very fine. 10c. per dozen; 60c. per 100.

**Lasandra.** Fine, rosy pink, beautiful cut foliage. 10c. per dozen; 60c. per 100.

**TIGRIDIA**

**(Shellflower or Tiger Flower.)**

A magnificent class of summer blooming bulbs, producing very large, gorgeous flowers exquisitely spotted in great abundance. They grow about 18 inches high and should be lifted in the fall and wintered on a frost-free shelving to be used again the next summer. 5c. each; 50c. per dozen.
A Few Palms and Ferns

Palms and Ferns are our most useful plants for house and conservatory decoration. No other class of plants will lend such grandeur through their bold and yet graceful foliage to our rooms, and no collection is complete without them. We offer below a few varieties of Palms and Ferns, which are of the easiest cultivation and of most importance to the beginner. The plants listed are all healthy young stock which will soon grow into nice large plants.

We will send all plants by express, at purchaser’s expense, removing the pots and wrapping the roots carefully in damp moss unless instructed to send otherwise.

Coccos Wedeliana. Of all Palms this is the most elegant and graceful. The slender gracefully arching leaves are of a dark green; they are of a slow growth and maintain their beauty for a long time. Elegant for fern dishes. Nice plants from 3-inch pots, 12 inches high, 25c. each.

Kentia Beimoreana. This and the following are the hardest Palms in cultivation and will give better satisfaction as house plants than any other. They grow rather slow, are not much affected by neglect or change in temperature. Both kinds look very much alike, this one being the dwarfest and more graceful. Nice plants from 3-inch pots to 5 leaves, 12 inches high, 25c. each.

Kentia Forsteriana. Similar to above but taller in growth with heavier and broader foliage. Nice plants from 3-inch pots to 4 leaves, 12 inches high, 35c. each.

Lattania Borbonica. The popular and well-known Fan-Palm. The leaves are large fan-shaped, of light green color. They grow quickly and soon attain a large decorative size. Nice plants from 3-inch pots, 4 to 5 leaves, 12 inches high, 25c. each.

Asparagus Sprengeri. Invaluable decorative plant for pots, window-boxes or hanging baskets. They turn brown after they have been planted in pots, and this rich golden stem is used for decorating. Nice young plants, 15c. each.

Asparagus Flavus. The most graceful climber in cultivation. A bunch of blossoms makes a graceful plant, and when grown in pots in the conservatory, it makes a most graceful festoon of rich brown stems. Will last for weeks after being cut. It is an excellent house plant and most useful for table decoration. Nice young plants 15c. and 25c. each.

Boston Fern (Nephrolepis Bostoniensis). This well-known Fern needs no further description. Nice plants, 25c., 50c., 75c. and $1.00 each, according to size.

Ostrich Plume Fern (Nephrolepis Pteris). One of the most beautiful Ferns in existence; very vigorous in growth, with long graceful fronds, each leaflet being subdivided so as to form a complete miniature frond; the fronds grow broad and heavy and are of a dark green color. Nice plants, 25c., 50c., 75c., and $1.00 each.

Improved Ostrich Plume Fern. Unquestionably the most valuable of this type, superseding Pteris. Not only are the fronds on the individual fronds more finely divided, but the fronds are denser, broader and more graceful and the habit of the plant is more perfect. Nice plants, 25c., 50c., 75c., and $1.00 each.

Nephrolepis Scottii. The Scott Fern still holds its place as one of the most important of the Nephrolepis. Nice plants, 25c., 50c., 75c., and $1.00 each.

A Choice Collection of Hardy Perennial Plants for Spring Planting

HARDY PERENNIAL PLANTS ARE EASILY RAISED FROM SEED. TRY IT.

The usefulness of these “Old-fashioned Hardy Garden Plants” is more recognized every day, and they now rank first as showy garden plants. Immense quantities are now planted by parks, city gardens, and private gardens, grouped for masses for effect or as single plants in the border. There is nothing among flowers which will give such universal satisfaction, and of the vast amount we have made a small selection which we are sure will suit everyone. If planted once their beauty will increase from year to year and they will be a permanent pleasure.

The varieties we offer have proven, through years of experience, a perfect success, and if planted early will give very much finer and more flowers than when planted in warm weather.

Price: Any kind except where noted, 15c. each; $1.50 per dozen.

All plants will be sent by express at purchaser’s expense, the roots being carefully wrapped in damp moss unless we are instructed to send otherwise.

Single plants will be sent by mail at our expense, the soil being removed.

ACHILLEA


AQUILEGIA

(Columbine.)

For description and illustration see under ”Flower Seed,” page 48.

Single Mixed. Nice, strong plants.

BOLTONIA

(Plume Flower.)

A very tall growing, exceedingly showy hardy perennial, with large, single, Aster-like flowers, produced in thousands on graceful, wiry stems during the summer and autumn months. Very effective and fine for hiding unsightly places.

asteroides. Pure white; five to seven feet.

CAMPA NULA

(Chrysanthemum)

For description and illustration see under “Flower Seed,” page 51.

Medium Single Flowering. Blue.

Medium Double Flowering. Blue.

CHRYSANTHEMUM

(Moonpenny Daisy)

For description and illustration see under “Flower Seed,” page 52.

Maximum. Large; pure white.

Shasta Daisy. A giant, pure white flower.

COREOPSIS

Lanceolata grandiflora. For description see under “Flower Seed,” page 52.
DELPHINIUM
(Hardy Larkspur.)
For description and illustration see under "Flower Seed," page 34.
Formosum. Beautiful blue.

DIGITALIS
(Foxglove)
For description and illustration see under "Flower Seed," page 54.
Purpurea Mixed. Different colors.

GAillardia
(Blanket Flower.)
For description and illustration see under "Flower Seed," page 55.
Grandiflora. Large, stocky plants.

HOLLYHOCK
For description and illustration see under "Flower Seed," page 56.
Mixed Colors. Nice, strong, double flowering plants.

IRIS
German Iris (Iris Germanica). A most beautiful and perfectly hardy spring flowering plant. They thrive anywhere, grow and bloom luxuriantly, and are especially useful on edges of water. Well established plants will often produce more than 50 spikes of blossoms. Their colors range through yellow, purple, blue and white. Mixed colors. 10c. each; $1.00 per dozen; $7.00 per 100.

Japanese Iris (Iris Kaempferi). The beauty of these magnificent flowers baffles description. Flowers 8 to 10 inches across are by no means rare, their colors varying in any shade of claret, purple, crimson, rose, lilac and white, usually having a golden, yellow blotch, surrounded by a halo of blue at the base of each petal. They are perfectly hardy, growing in any soil, but will attain their greatest perfection if liberally supplied with water while growing and flowering. We have six distinct colors. 20c. each; $2.00 per dozen; $15.00 per 100.

LICHNIS
Chalecdonica (Jerusalem Cross). For description see under "Flower Seed," page 57.

PLATYCodon
(Chicory Bell Flower.)
Grandiflora. Large blue flower. For description see under "Flower Seed," page 62.

Rudbeckia
(Cone Flower)
Golden Glow. A gorgeous plant, one of the showiest in existence; a strong, robust grower, 3 to 6 feet high, with large, double, golden, cactus-like flowers, blooming from July to October. Should be in every garden; fine for massing.

PAEONIES
They are without any rival in popular favor, and to them belongs the first place of all the hardy perennial plants. Their large, gorgeous flowers, borne in abundance on the long, strong stems, with the beautiful, dark green, glossy foliage, add a wealth of color to our garden, which not even roses can give. Their culture is so simple, any good rich soil worked thoroughly will answer, be it in the open sun or a partially shaded position. A generous mulching of well-rotted manure during their growing period, and a liberal supply of water, will produce wonderful effects; their flowers will be larger and of more intense color, and their foliage and whole growth much more luxuriant. They are perfectly hardy even in the most severe climate, and very rarely troubled with insect pests or disease of any kind, and once planted will increase in beauty each year without any further care.

We supply Peonies in the following colors:
Dark Red, Red, Pink, White.
Price: Strong roots, 25c. each; $2.50 per dozen.
Price: Named varieties, 25c. to 75c. each.

HARDY PHLOX
Another class of hardy herbaceous plants, who rank foremost in beauty and usefulness in the hardy border and should be in every garden. They succeed well in almost any kind of soil or position and are in bloom nearly the entire summer. Their range of color is remarkable; they vary in all shades of white, pink, rose, scarlet, crimson and purple, and the large flower heads, forming a beautiful bouquet by themselves, are borne on long, wiry stems, and if grown in clumps of a dozen or more, will make one of the most glorious sights in the garden. They are perfectly hardy and will increase in beauty each year. (See Illustration under "Flower Seed," page 62.)

TALL.

Bridesmaide. White, with carmine center.
Enchained. Lilac, with white.
Inspector Peiker. Purple mauve.
Mozart. White, with salmon.
Pantheon. Bright carmine rose.
Selma. Rose mauve, red eye.

15 cents each, 6 for 75 cents.

DWARF.

Benniger. White, with pink.
Champagne Elyser. Rose magenta.
Cyclon. White, with lilac.
LaVigne. Mauve with red eye.
Sunshine. Antilie red.
Theobald. Carmine, with red eye.
Selected Hardy Roses

We are listing a condensed selection of Roses, which we believe to be the best and most satisfactory for our climate. They are all extra heavy two-year-old stock and are sure to bloom abundantly the first season. This stock we can recommend with greatest confidence. Some of the roses we can furnish in small plants which can be sent by mail; they will invariably produce a few flowers the first season, but we cannot recommend them to give the same satisfaction as our heavy two-year-old stock.

THE NEW DWARF EVER-BLOOMING BEDDING ROSES OR BABY RAMBLERS

Of all new Roses of the latter years there has been none which fulfilled all predictions and glowing descriptions in such a measure as these new wonderful Roses. They grow about 18 inches high and produce large clusters of bright flowers in a phenomenal profusion throughout the entire summer. Foliage is of a glossy green, very handsome, and is not attacked by insects. They are perfectly hardy and as a pot rose will bloom all the year round, and we recommend them strongly to all lovers of flowers, be it for pots for winter-blooming, for groups in the lawn or for the cemetery.

Crimson Baby Rambler (Mme. Norbert Levavasseur). Crimson flowers, similar to the popular Climbing Crimson Rambler.

Pink Baby Rambler (Anchen Muller). Brilliant luminous pink; a shade that is always admired.

White Baby Rambler (Katherina Zeimet). Pure white flowers, showing the yellow stamens very prettily, produced in large candelabra-shaped trusses.

Extra strong two-year-old plants, 40c. each; $4.00 per doz.

MOSS ROSES

These Roses are charming in bud form and very much admired. The bud is covered with a delicate mossy growth, giving the opening flower a beautiful and unique appearance.

Blanche Moreau. Lovely pure white, large and double.

Crested Moss. Light rose, elegantly crested.

Glory of Mosses. Beautiful Carmine, large flower.

Extra strong two-year-old plants, 25c. each; $2.50 per dozen.

HARDY CLIMBING ROSES

It seems needless to say anything about these most charming and useful roses, which are now so largely used to beautify porches or to cover fences. After once established they grow very vigorously and shoots of 15 feet are by no means scarce. When in bloom they are a sight to behold; thousands of roses are clustered together in bunches and seem to smother the plants. Too much cannot be said about them and no glowing description can do them justice. They should be in every garden.

Crimson Rambler. This is the best and most free flowering of the set; deep crimson.

Pink Rambler. Light pink.

White Rambler (Thalia). Not as free in bloom, but good.

Yellow Rambler (Agalia). Large yellow flowers.

Dorothy Perkins. Soft shell pink, free flowering large clusters.

Strong two-year-old plants, 25c. each; $3.50 per dozen.

Small plants, by mail, 12c. each; $1.20 per dozen.

Our Gold Medal Collection of Sweet Peas

CONTAINS THE 18 BEST VARIETIES OF SWEET PEAS UP TO DATE, AND IS MAILED AT 50c. PER COLLECTION OF ONE PACKET EACH, AND AT $1.00 PER COLLECTION OF ONE OUNCE OF EACH.

Crimson Rambler Rose.
TEN BEST EVER-BLOOMING ROSES

These ten very choice sorts, all of which thrive readily and bloom profusely during the entire summer, are especially fine for those who like to have a large number of flowers for home decoration. Should be slightly protected during the winter.

**Bon Sirene.** An old, well-known and popular variety, with very large, bright crimson flowers in clusters. Especially fine for borders and all kinds of flower arrangements.

**Caroline Testout.** Very large, deep crimson, semi-double flowers; very free blooming, and the leaves are dark green. This rose is especially fine for exhibition purposes.

**Clotilde Senger.** A very beautiful rose, being a hybrid perpetual with very dark crimson flowers. The blooms are large, strong grower, and very fragrant.

**Gross u. Toplitz.** Blossoms large, rose, of a rose-pink, shading to yellow in the center and a little reddish. The best ever-blooming rose, excellently suited to pickings in mass. It is a very fragrant, of strong growth and has large compact white flowers the entire season. Should be in every collection.

**Hermosa.** An old variety and still one of the best; covered with fully double, large flowers the whole season. It is fine for bedding or pot plants; a strong grower with beautiful foliage.

**Kaiserin Augusta Victoria.** An old variety, very large and double, of a lovely white, slightly tinged with yellow in the center. The flowers are produced freely and borne on long, graceful stems. A strong grower with beautiful foliage.

**La France.** One of the most beautiful for shape of flower, color and fragrance. The flowers are large, of a silvery pink, the petals are gracefully curved back at the edges and delicately scented.

**Munem Cohet.** Large, deep, rose-pink flowers produced in greatest profusion. In long, stiff stems throughout the season; very double and a good, strong grower.

**Musella.** Much like Clotilde Senger, but of a deep cream, changing to yellow in the center; a good, strong grower.

**Papa Gauthier.** Dark, crimson-red with a long pointed bud, especially nice in the fall, beautiful for cutting.

**Pere des Jardins.** Of magnificent form and delightful fragrance, good, strong grower with dark red foliage when young, and large, deep yellow flowers.

**Souvenir du President Carnot.** A magnificent rose of perfect form and beautiful soft, rose-pink color, shading to white at the edges delightfully scented. An extra strong grower with fine foliage.

Price: Extra strong two-year-old plants, 50c; each, $1.50 per dozen.

Small Plants can be supplied at all those varieties marked with a * postpaid for 25c apiece.

Twelve Best Hardy Garden Roses

This selection of perfectly hardy roses is specially recommended to those who have not the time to bother much with protecting them. Once planted and established they will take care of themselves. They are not as prolific in the production of flowers as those of the "ever-blooming" class, and while their main crop of blossoms is in June, they will still produce some fine flowers during the summer and autumn.

**Anna de Diesbach.** A large and full flower of a clear, bright carmine, very fragrant.

**Baron de Boussettin.** One of the darkest, almost black, very large and double; fragrant.

**Baronesse de Rothschild.** A magnificent cup-shaped flower, clear shell-pink.

**Captain Christy.** A fine, superbly shaped flower, petals slightly curled back at the edges, soft, fleshy-pink, very sweet. A good bloomer.

**Fritz Karl Druschki.** The finest white rose in existence. Large, perfect flowers of snowy white, with large shell-shaped petals, making an almost magnificent flower. A very strong and healthy grower. Strong two-year-old plants 50c; each, $1.15 per dozen.

**General Jacquemont.** The old well-known favorite; large, dark crimson flower; very sweetly scented.

**Juliette Marguerite.** Large cup-shaped flower, very full and fragrant. Bright carmine; beautiful.

**Mabel Morrison.** A large, pure white, cup-shaped flower, very vigorous, a fine companion to Baronesse de Rothschild.

**Magnific Charta.** A beautiful, strong growing rose, of large, bright pink flowers, suffused with carmine.

**Mrs. Julia Lathrop.** Very fragrant, free blooming kind, large flower of a pleasing soft pink.

**Marie Hannon.** A superb flower, perfect in form, delightfully scented, of a deep, bright crimson.

**Prince Camille de Rohan.** The darkest of all, deep velvety maroon, very sweet, large flower.

**Trich Brunner.** Undoubtedly one of the finest, largest roses, of delicious color, flowers tall, of a bright crimson.

Price: Extra strong two-year-old plants, 50c; each, $1.50 per dozen.

Small Plants can be supplied at all these varieties marked with a * postpaid for 25c apiece.

---

General Jacquemont.
Hedge Plants

Besides being attractive hedges are also useful for bordering gardens, giving a privacy which cannot be attained with anything else, and in the long run they are cheaper than fences, getting better and stronger year after year.

**Arbor Vitae** (Thuya occidentalis), a beautiful, hardy evergreen, elegantly adapted for hedges, absolutely hardy.

**Small Seedlings**, 8 to 12 inches high, per 100 $1.75, per 1,000 $12.00.

**Small Seedlings**, 12 to 18 inches high, per 100 $2.25, per 1,000 $15.00.

**California Privet**. A very popular hedge plant with rich, dark green foliage, of quick growth, succeeding under almost any condition.

**Plants**, 12 to 15 inches high, $2.25 per 100, $20.00 per 1,000.

**Plants**, 15 to 18 inches high, $2.75 per 100, $25.00 per 1,000.

A Few Selected Hardy Shrubs

All our shrubs are large and heavy nursery-grown plants and sure to give immediate results. They are ready for shipment about the middle of March and will be shipped at that time on all orders received prior to the 15th day of March. They can only be sent by express or freight.

**Azalea Mollis**. A beautiful, hardy species, with large clusters of flowers in various shades of yellow, orange or carmine, blooming in May. 50c. to 75c. each.

**Deutzia Gracilis**. A dwarf growing shrub, covered with Lily-of-the-Valley-like pure white flowers; early in May and June. 25c. each; $2.50 per dozen.

**Hydrangea Paniculata Grandiflora**, one of the most popular shrubs in cultivation. The flowers are borne in large, dense pyramidal bunches 12 inches long in an astonishing profusion, being white on opening, changing to rose and later to green. 25c. each; $2.50 per dozen.

**LILAC OR SYRINGA.**

A shrub know by everybody; blooming in early spring, filling the air with a spicy odor.

**Charles X**. A strong grower with large panicles of reddish-purple flowers. 50c. each; $5.00 per dozen.

**Marie Legrye**. Beautiful, pure white flowers, large, loose trusses. 50c. each; $5.00 per dozen.

**MAGNOLIA.**

Very stately shrubby trees with large, tulip-shaped flowers.

**Soulangeana.** Blooms early in spring; flowers 5 inches across, white on the inside, shaded purple outside, $1.50 each.

**SPIRAEA.**

**Praunfolia** (Bridal Wreath), double white flowers in great abundance; very fine, 25c. each.

**Van Houttei.** This is the finest of all shrubby Spiraeas, and when in flower form a complete mass of white, hiding the foliage completely: a beautiful ornament for any lawn. 25c. each.

**HERBACEOUS SPIRAEAS.**

**Japonica**, the best known. Fine for forcing; when planted outside, will bloom in June. Strong clumps, 15c. each; $1.00 per dozen; $6.00 per 100.

**Compacta Multiflora.** Much like the foregoing, but of more compact growth; very prolific in its production of the feathery white flowers borne in plume-like panicles of magnificent proportions. Strong clumps, 15c. each; $1.00 per dozen; $6.50 per 100.

**Astilboides Floribunda.** One of the most beautiful of the Spiraeas. Very dwarf in habit and earlier in bloom than the others: a very profuse bloomer, while its feathery pure white flowers appear in greatest profusion. Strong clumps 15c. each; $1.25 per dozen; $7.00 per 100.

**Gladstone.** A quite new and very large flowering kind; one of the most important plants to the florist, who grow large quantities for Easter decoration. Well-grown plants bear often 40 stems with plume-like trusses, covering the plants with a thick white foam. Strong clumps 25c. each; $2.00 per dozen; $12.50 per 100.

**Viburnum Plicatum** (Japanese Snowball). A well-known shrub with white snowball-like clusters of flowers, 50c. each.

**Weigelia Rosen**, very ornamental, with clusters of pink flowers. 25c. each.

**Rhododendron**, one of the most beautiful of our hardy plants, with evergreen, large foliage, producing big bouquets of magnificently colored flowers. Choice, well budded plants, 75c., $1.60, $1.25 and $1.50 each, according to size and variety.

**DAHLIAS**

Our collection of Dahlias contains only the best. They will be a source of pleasure.
Hardy Climbing Plants

Our list of these double plants includes all the best and largest varieties for covering porches and trellises. They are all extra fine plants, which will make a good showing the first year.

Ampelopsis Veitchii (Boston or Japanese Ivy). This well-known climber used so largely for covering brick walls, houses, obelisks, etc. They cling close to the wall and form a viridescent film in the fall of most striking appearance. Strong two-year-old plants, 25c. each; $2.00 per dozen.

Aristolochia Siphon (Hutchison's Pipe Vine). A rapid growing climber with large leaves and brownish-colored flowers, resembling in shape a pipe. It makes a very dense covering after establishment. Strong plants 50c. each; $2.00 per dozen.

Hibiscus Radicans (Trumpet Creeper). A tall grower rambling high up to the branches of trees, fine for old, dead trees. Its large, trumpet-shaped flowers of dark red are produced very freely. 50c. each; $2.00 per dozen.

Clematis Paniculata (Japanese Virgin's Bower). Undoubtedly one of the most charming of our hardy vines, exceedingly rapid in growth, each remaining a bundle of from 17 to 29 feet, spreading out in all directions. The small, purplish, delicately fragrant flowers are borne in great panicles or clusters so profusely as to fairly cover the plant with a sheet of white fleecy. Their blooming period commences in August and extends until September. Strong plants, 50c. each; $2.00 per dozen.

LARGE FLOWERING CLEMATIS

The flowers of this class are very large, often an inch in diameter. The colors run from an intense velvety purple, through blue, white, and red. They should be planted deep enough to prevent them from drying out at the neck, which causes so many to die.

Honeysuckles.

They are fine subjects for covering porches, fences, and the plants which we offer are strong, two-year-old stock.

Himalaya Belle, a large pure white. 50c. each.

Duchess of Edinburgh, double white. 50c. each.

Gipsy Queen, very deep royal purple. Price—Any of the above 50c. each; 1.00 per dozen. One of each of above, 2.25.

HONEY SUCKLES.

Buddleia (Japanese Honeysuckle). An almost evergreen shrub with white flowers changing to yellow. 50c. each.

Scarlet Trumpet. Bright red, trumpet-shaped flowers, very free bloomer. 50c. each.

Jackmann, a fine, deep purple, very free. 50c. each; $1.00 per dozen.

President, deep salmon pink. 50c. each; $2.00 per dozen.

Viticultura Kermesina, carmine, small flowers. 50c. each; $1.00 per dozen.

MISTARIUM LEGNÆSIA

A very rapid growing climber, and one of the most beautiful. The flowers are borne in long pendant clusters, fine for balconies and verandas.

Blue. Strong grower with light lavender flowers. 50c. each; $1.00 per dozen.

White. Flowers pure white. 50c. each; $1.00 per dozen.

Small Fruits

Our patrons may fully rely on these being good and worthy of cultivation.

BLACKBERRIES

Early Harvest, the earliest and therefore most valuable. Ripens in July. Very productive, sweet medium-sized berry. Needs protection in the North. 5c. each; 75c. per dozen; $1.50 per 100.

Erie, a very strong grower, producing large crops on even poor soil, very large fruit of uniform size; absolutely hardy. 5c. each; 75c. per dozen; $1.25 per 100.

El Dorado, now, very vigorous, healthy, hardy, and productive. The berries are large, jet-black, and all of the best quality. 5c. each; 75c. per dozen; $1.25 per 100.

Rathbun, of very fine quality and jet-black in color, extra hardy and very prolific. 5c. each; 75c. per dozen; $1.75 per 100.

Snyder, an extra hardy variety, wonderfully productive, of medium size, very juicy and sweet. 5c. each; 75c. per dozen; $2.25 per 100.

CURRANTS

Currants require good cultivation and rich soil and will do well in a partial shade.

Black Champion, the leading black sort—large berry and bunch, fine quality.

Cherry, large berries, short bunches, vigorous and productive, deep red.

Fay's Proclive, the leading variety, extra large berries, uniform in size, very productive, rich red in color.

North Star, the strongest grower of the red varieties with bunches 1 inch long; extra quality.

Victorina, bright red, extra large bunches, berries of medium size, late in ripening.

White Grape, very large, yellowish white, sweet, excellent for the table.

Prices: Any of the above 12c. each; 75c. per doz.; $1.50 per 100.

Chautauqua Clipping. A new Red Currant of remarkable qualities. Berries and clusters large to very large, and of a mild and most excellent flavor. 2 quarts of fruit to a single plant on trellises when five years old. Price 5c. each; $1.00 per dozen; $10.00 per 100.
GOOSEBERRIES

They like good and frequent cultivation, rich soil and a heavy
manure mulching around the bushes during the summer will pre-
vent mildew.

Chautauqua, a very vigorous, stout, stiff, upright grower and
exceedingly productive. It should not be planted closer than four
by six feet apart. Its leaves are large, glossy and dark green, its
fruit is of a beautiful light yellow color, perfectly free from
spines and down, veined and translucent, averaging in size 1 to
1 1/2 inches in diameter, although we have often grown them 1 1/2
inches long. It is rather thick skinned, but very sweet and of
exquisite flavor. 35c. each postpaid; $3.00 per dozen by express.

Downing, an old well-known kind, large and handsome, pale
green, of fine quality, vigorous grower, little affected by mildew.
20c. each postpaid; $1.50 per dozen by express.

Industry, large fruit of dark red color and delicious quality,
one of the very best; for market and home use. 25c. each postpaid;
$2.25 per dozen by express.

Red Jacket, very large, smooth, prolific and hardy, of best
quality, very free from mildew, a wonderful cropper. 15c. each
postpaid; $1.50 per dozen by express.

Smith Improved, large, pale green fruit, of extra quality and
exceedingly productive. $1.50 per dozen by express.

GRAPEs

Grapes like a porous stony soil, along slopes of hills or terraces, where they will
have the full benefit of the sun.

Orders should be received by April 15th.

BLACK VARIETIES.

Concord, the old well-known popular variety, succeeds under any condition.

Moore's Early, large berry and bunch, very hardy and productive, very early.

Worden, an exceptionally fine variety of the Concord type, but earlier, with larger
berry and bunch, of better quality, very hardy.

RED VARIETIES.

Agawam, very large berry with thick skin, sweet and ripening early, vine very
vigorous.

Brighton, berries medium to large, of excellent flavor and quality, nicely formed
bunch, extra early.

Lindley, medium to large berry, tender and sweet, ripens early.

WHITE VARIETIES.

Moore's Diamond, berries pretty large, of excellent quality with very few seeds,
very hardy and productive and very early.

Niagara, the leading variety of the whites, with large bunch and berry, greenish
white and pale yellow when fully ripe.

Pocklington, a general favorite, with large bunch and berry, juicy, tender and
sweet, light golden yellow, vines hardy and very vigorous, free from mildew and
productive.

Price—15c. each; 6 for 75c. postpaid; $1.00 per dozen by express.

RASPBERRIES

Raspberries thrive well on a deep cultivated soil, kept free from weeds; a mulching of manure will be very ben-
eficial to them.

Cumberland, the largest Raspberry known; it will give satisfaction in any instance; the most profitable, deserving
the name of "Business Black Cap" fully.

Columbian, purple, resembling in type Shaffer's Colossal. The best berry for canning purposes.

Cuthbert, red, the leading late market sort; remarkably strong and standing the most severe winters.

Golden Queen, the best yellow Raspberry; might be called a yellow Cuthbert, of great size, of very high quality, very
hardy and productive, canes are of strong growth, ripens in mid-season.

Gregg, black, the best of the late varieties, very large and requires good soil to produce best results.

London, red, ripens moderately early, and holds out very late, highly productive, claimed to exceed all others in this
respect, a good shipper, of superior quality and attractive crimson color.

Price—10c. each; 60c. per dozen postpaid; $2.00 per 100 by express.

STRAWBERRIES

For home use, strawberries may be planted in rows some three feet apart and one foot in the row. But
much larger and more fruit can be grown by closer planting, say one by one and a half feet, cutting off the
runners as fast as they grow. In field culture they are usually planted in rows four feet apart and one foot
in the row and runners left to grow. Planted so, most of the cultivation may be done with horse labor. It is
very essential that they be kept free of weeds all through the season. It is well to mulch them early in the
winter for protection against severe and sudden changes of weather, and to keep them from heaving out. All
leading varieties. Price $1.00 per hundred; $6.00 per thousand by express.
Pioneer Fertilizers

Pure and Unadulterated

FEED YOUR SOIL

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

**Dissociated Bone.** Guaranteed analysis: Ammonia, 1.50 to 2.50 per cent; Phosphoric Acid, 25 to 30 per cent; Bone Phosphate, 55 to 65 per cent. It is a pure animal bone, without adulteration, from which all the grease and gelatinous matters have been extracted by a patent process, leaving the resultant bone in a finely divided state. Numerous tests have shown that the results from using Dissociated Bone are more satisfactory than those with Raw Bone, because the former has been completely decomposed in the soil, and the phosphoric acid is more readily rendered available as food for growing plants. Price, 200-lb. bag $1.60; in ten lots $35.00.

Recommended for use on bottom lands or where there is a good supply of moisture for all kinds of grain, and also for vegetables and fruit trees, in connection with some form of potash. May also be used to good advantage compounded with barnyard manure.

**Sheep Manure.** A pure, natural and nutritious Fertilizer, immediate and lasting in its effects; excellent for mixing with soil for greenhouse plants. In the vegetable garden and farm it promotes a rapid, steady growth during the entire growing season. It also makes a rich liquid manure for market gardeners' use. One of the best fertilizers for the lawn. Price, 100-lb. bag $1.78; per ton $25.00.

**Nitrate of Soda.** The most valuable Fertilizer known for the trucker, gardener and fruit grower. Will give immediate results. It is chiefly a stimulant; it is used in addition and mixed with barnyard and other fertilizers. It comes from Chile, and is very quick in its action and hastens the maturity of crops. Price, sack, 100 lbs. $4.00; half ton $35.00; lots $50.00.

**Murate of Potash.** Contains 50 per cent. actual potash. Price, nominal, per bag of about 224 lbs. $.50; per ton of 2,000 lbs. $5.90.

**Prices on Nitrate of Soda and Murate of Potash are subject to market fluctuations.**

**Pure Peruvian Guano.** (Genuine Lobos Brand.) Free from adulteration. One lb. 10c.; 10 lbs. 88c.; 25 lbs. $1.25; 50 lbs. $2.00; 200 lbs. $3.55; per ton of 2,000 lbs. $15.00; 5,000 lbs. $35.00. It is used in water (like Paris Green), it is most valuable in forcing garden truck, both in hotbeds and out in the field.

**Land Plaster or Gypsum.** Analysis: Sulphate of lime, pure gypsum, 4.23; carbonate of magnesia (a valuable fertilizing agent), 2.55; common limestone, 2.39; alumina silica and oxide of iron, 0.32. We have the genuine New York State Gray only, and this has always used as fertilizer gives better results for money invested than anything a farmer can put on his land. Valuable for all crops, especially in dry seasons where commercial fertilizers fail. Used by many potato growers. This is sold with Paris Green at the rate of 100 pounds of Plaster to 1 pound of Paris Green. Per barrel of about 300 lbs., on ears, $1.50; 5 barrel lots, per barrel, $1.35.

**Ashes—Canada Unleached Hard Wood.** Nature's Fertilizer. Contains all of the fertilizing elements. Ashes correct sourness of 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 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, 60 c. per barrel of about 200 lbs. $2.58; per ton 2,000 lbs, $48.00. Please let us know for what crop and on what kind of soil you wish to use fertilizer, and we will be pleased to write you what we consider best for your use.

**Excelsior Brand Food for Flowers.** An excellent fertilizer for house plants. Easily applied by dissolving in water. Close to fertilizer without.; produces rich green growth and profusion of flowers. Price 15c. and 25c. per package. Postage extra, 10c. and 15c.

**Garden City Phosphate.** Good for all crops. Guaranteed analysis: Phosphoric Acid available, 14.00 per cent; Phosphoric Acid insoluble from mineral, 1.00 per cent. Price, $2.50 per ton.

**Kainit (German Potash Salt).** Analysis: 12.00 per cent. actual potash. Price 200 lbs. $2.00. Ton, $22.50.

**Salt. Agricultural.** For top dressing asparagus beds, apply very early in spring at the rate of 80 to 1,000 lbs. per acre. Price, 200-lb. bags, $1.50; per ton, $36.00.

**Tobacco Stems.** An indispensable lawn covering for winter. They not only act as a protector, but impart large quantities of ammonia and drive away insects and mites. Price, bales of about 250 lbs., $2.50; per ton, $12.00.

**Agricultural Lime.** Lime is absolutely indispensable to plant life, and by its use much larger yields of clover, timothy, wheat, rye, oats, corn, etc., can be had, and we recommend its being tried by our farmer friends. 200-lb. sack $1.60; per ton $7.50.

**FARM AND DAIRY NECESSITIES**

<table>
<thead>
<tr>
<th>Item</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phillips' Fly Knocker, 2-quart cans</td>
<td>$1.00</td>
</tr>
<tr>
<td>1-gallon cans</td>
<td></td>
</tr>
<tr>
<td>Bitter Lick Horse and Cattle Conditioner, in bricks</td>
<td>$2.50</td>
</tr>
<tr>
<td>Per dozen holders for bricks</td>
<td>$1.50</td>
</tr>
<tr>
<td>Per dozen holders</td>
<td></td>
</tr>
<tr>
<td>Cooper's Sheep Dip, 1/2-lb. packages</td>
<td>$0.50</td>
</tr>
<tr>
<td>10-lb. packages</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

**RAISE CALVES WITHOUT MILK**

**Blatchford's Calf Meal** gives just as good or better results than whole milk for feeding Calves, Pigs, Colts, Lambs, etc., and is less than one-half as expensive to feed, as every 100 lbs. makes 100 gallons rich, nutritious perfect milk substitute.

Sell your milk and cream and still raise fine thrifty calves. 100-lb. bag, $2.50; 50-lb. bags, $1.00; 25-lb. bag, $1.00.

**Old Process Oil Meal**. 100-lb. sack, $2.00; Ton lots, $38.00.

**Cotton Seed Meal.** 100-lb. sack, $2.00; Ton lots, $38.00.
**Cyphers Fire-Proofed Insurable Incubators and Brooders for 1910**

We offer customers extraordinary improvements in Incubators and Brooders. Cyphers Incubators and Brooders for 1910 have been built to comply with the requirements of the National Board of Fire Underwriters, which Board has in consequence given them a special preference; has recognized them as superior fireproof machines and has granted the Cyphers Company the right to affix a label signifying that the machine comes up to the insurance requirements. In buying an incubator be sure you get the insurance label.

**SIZES AND PRICES**

<table>
<thead>
<tr>
<th>Incubator No.</th>
<th>Eggs</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>0, holds 70</td>
<td></td>
<td>$15.00</td>
</tr>
<tr>
<td>1, holds 144</td>
<td></td>
<td>22.00</td>
</tr>
<tr>
<td>2, holds 244</td>
<td></td>
<td>32.00</td>
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<tr>
<td>3, holds 390</td>
<td></td>
<td>28.00</td>
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<tr>
<td>Farm Economy</td>
<td>holds 110</td>
<td>12.00</td>
</tr>
<tr>
<td>Boys' Choice</td>
<td>holds 50</td>
<td>7.00</td>
</tr>
</tbody>
</table>

The Non-Moisture, Self-Ventilating, Self-Regulating principle of Cyphers Incubators remains unchanged. These leading machines are used by more Government Experiment Stations; large practical poultry plants; leading fanciers and exhibitors and successful dealers than all other makes combined.

The 1909 pattern of Cyphers Unequaled Brooders possesses the same advantages over other makes as do their Incubators in that they are fireproofed and insurable. They mother chicks better than a hen. Cyphers 1909 Brooders are Self-Regulating, Self-Ventilating. The Outdoor Brooders are also usable as Colony Coops for the growing chicks. This double use of the brooder means a considerable saving of money to you. It makes a safe enclosure for the chicks at night and saves the buying of another coop.

We offer in addition a **Cyphers Adaptable Hover** for use anywhere that heat is required for brooding chicks in barns or other buildings with or without any additional enclosure for the chicks.

All Cyphers 1909 Brooders possess Automatic Regulators and so save continual watching and turning up or down of the lamp flame.

**MODEL B INCUBATOR**

This handsome Incubator is of first-class construction. The entire outer case, with the exception of the front, of enameled sheet iron, of attractive appearance. Safe, durable and reliable. Price 175-egg size, $15.00.

**SCIENTIFIC FEEDING**

The poultryman who would attain the fullest possible measure of success must make a careful study of the feeding question and avail himself of the best and latest reliable information that scientific investigation is able to furnish him. To meet the wants of those who appreciate their need of properly prepared and balanced rations, the manufacturers of our incubators have, after a most exhaustive study of the subject, been able to prepare for the use of those who aim at the highest results, the special foods listed below.

**OUR READY MIXED POULTRY FOODS. PRICES SUBJECT TO MARKET CHANGES.**

**Chick Food** is a complete, scientifically compounded food for young chicks, and is a mixture of eleven different grains and seeds, so proportioned as to meet all the needs of growing chicks and fully nourishing them. In compounding this food the protein (or flesh and muscle forming element) is maintained high; the carbohydrates (or fat and heat forming elements) are reduced to their proper proportion, and the ash (or mineral element) is in sufficient amount to supply the needs of the rapidly growing bird. If the chicks are to be developed into breeders, no other food is required for the first eight weeks. Prices: 50-lb. bags, $1.25 each; 100-lb. bags, $2.25 each.

**Developing Food.** A special food for properly maturing young chicks after they are ready to be weaned from Chick Food, and to carry them along to the age when it is desirable to place before them the larger whole grains.

**Forcing Food.** Where very rapid growth is required, as in growing broilers or roasters, a highly concentrated food can be fed, and for this work we recommend the Forcing Food. Prices: 50-lb. bags, $1.15 each; 100-lb. bags, $2.25 each.

**Scratching Food.** In combining grains to be used as an exercise food, scattered in the pens to make hens work for what they get, it will not do to make up a random assortment of any available material, for there should be a strong inducement for a well-fed hen to scratch for every morsel. A good scratching food, composed of materials that will be regarded with special favor, in fact something that they crave and at the same time not defeat the purpose of a balanced food. 50-lb. bags, $1.25 each; 100-lb. bags, $2.25 each.

**Laying Food.** This is the balanced ration from which to make the morning mash, whether for chickens, pullets, hens, cockerels, capons, ducks, turkeys or geese. It is made from the best selected grains and contains no oat hulls or waste. The makers of this food manufacture nothing in the way of feeding excepting poultry foods, and consequently have no by-products. Prices: 50-lb. bags, $1.25 each; 100-lb. bags, $2.25 each.

**Short Cut Alfalfa.** This is a standard green food for winter egg production, guaranteed 95 per cent. pure clover, contains the entire food plant, stalks, leaves, blossoms and all, reduced to edible lengths. There is absolutely no waste in this food and it is far superior to the ordinary cut clover. The Short Cut Clover Hay needs only to be used to be appreciated.

**Malted Alfalfa.** This is the pure clover plant reduced to a fine meal. It is guaranteed 95 per cent. pure clover and contains the entire food plant, stalks, leaves, blossoms and all, nothing being removed. This is the best form of clover for use in mash food for small chicks, the meal being ground just sufficiently coarse to give bulk to an otherwise soggy mash. Prices: 50-lb. bags, $1.10 each; 100-lb. bags, $2.00 each.
POULTRY SUPPLIES AND REMEDIES

Phillips' Lime Powder. This powder is a lead-free, anti-caking agent for use in feeding rice. It is used in poultry feed to prevent the caking of rice. Prices: 5-lb. package, $1.00.

Phillis' Lime Killer. A dead-fool liquid for killing free flies and other insects in food, milk and water. How it works: This liquid is a strong disinfectant and insecticide, which kills flies and other insects on contact. Prices: 5-gal. drum, $5.00; 1-gal. bottle, $1.00.


Milk Oil. A concentrated disinfectant for eggs, milk, and water. It is used in poultry feeding for the prevention of disease. Prices: 5-lb. bag, $5.00; 1-gal. drum, $10.00.

First-hand Brand Ranc. This vitamin is essential for the development of milk and eggs. Price, 5-lb. package, $5.00.

Rusk's Havers' Cholera Condition Powder. This condition powder is just what every feeder and poultry raiser needs. Kneading grains is an excellent way to add valuable nutrients to feed. Price, 1-lb. package, $2.00.

Complete Grit. Complete Grit is a mixture of sand and dirt, ideal for young poultry. Price, 1-lb. package, $0.50.

NORWICH AUTOMATIC EXERCISER AND FEEDER

Fill the hopper with dry grain or cracked corn. The Norwich Automatic Exerciser and Feeder automatically supplies feed to the birds. Price, 1-lb. package, $3.00.

POULTRY REMEDIES


Lightning Poultry Bites. For the control of lice and flies. Price, per 100, $0.50.

Lee's Tornado. For the control of coccidiosis. Price, per 100, $1.00.

Leg Bands. For the control of leg problems. Price, per 100, $0.25.

Champion. For the prevention of leg problems. Price, per 100, $0.10.

Double Cluck. For the prevention of leg problems. Price, per 100, $0.05.

Medicated Nest Bags. For the prevention of leg problems. Price, per 100, $0.02.

Nest Pen Pads. For the prevention of leg problems. Price, per 100, $0.10.

Automatic Water Fountains. For the control of water problems. Price, 1-lb. package, $2.00.


Dry Food Hoppers. For the control of dry food problems. Price, 1-lb. package, $0.50.

Dry Food Feeders. For the control of dry food problems. Price, 1-lb. package, $0.25.

Water Fountains. For the control of water problems. Price, 1-lb. package, $1.00.

Suction Hoppers. For the control of suction problems. Price, 1-lb. package, $2.00.
Spraying 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.

Nearly every one is now familiar with the practice of spraying plants with various insecticides and fungicides, for the prevention of injury by insects and fungi. It has been estimated by competent authorities that over $300,000,000 worth of crops are annually destroyed by insects and fungi in the United States. But by proper spraying a large part of this immense loss can be prevented.

The spraying should be done by means of a spray pump, many styles of which are on the market. To do satisfactory work in spraying one must have a first-class outfit. The pump must have its working parts made of brass, as the fungicides soon corrode iron or tin. The nozzle must be of good quality, it must throw a fine, mist-like spray, and if it will throw a solid stream, so much the better for its general utility. The kind of spraying outfit which should be selected will depend entirely upon the kind and amount of work to be done.

We here offer to our customers a complete line of spray-pump appliances, such as we consider good in every way, and the best made for the price asked. The different Sprayers we offer can be used in many ways for spraying the garden, orchard or vineyard for florists, nurserymen, fruit and tobacco growers, poultrymen and stock raisers.

LIGHTNING SPRAYERS

This Liquid Sprayer is cheap and durable and should be in the household of every Farmer, Gardener and Florist.

This Tin Sprayer can be used either for liquid or powder dusting, as desired. With ordinary care they will last for years. Keep the leather plunger soft with a few drops of oil or vaseline, and when you are ready for quick-stroke work, simply blow the air out of the pump.


BARREL SPRAY PUMPS

Outfit E. Double Acting Spray Pump, with base for attaching to either side or on top of barrel. This Pump has brass-lined cylinder, brass-cased differential plunger, and large air chamber. Price, $1.25. Iron suction pipe with brass strainer and two leads 10 ft. each, ¼ in. discharge hose with Mason (or other) spray nozzle, $1.15. For a pump with one lead hose only, $3.50.

These outfits can be mounted on wagons and plow sleds at very trifling expense and trouble. We can guarantee these outfits to give good satisfaction.

Outfit P. Represents our new improved Barrel Spray Pump with brass upper and brass-lined lower cylinders, brass plunger, brass check valve and brass valve seats. All working parts coming in contact with the liquid are brass. The body of the Pump is a large air chamber, and after the Pump is under pressure it will discharge a steady spray lasting two minutes or more with one stroke of the handle, thus making it easy to operate. Its double-acting, discharging half of water on up-stroke and half on down-stroke of handle. The ease with which it is operated makes it a general favorite, and we guarantee it to give satisfaction. Price, 1 Lead Hose, $8.50; with 2 Leads Hose, $11.00.

THE “UNIVERSAL SUCCESS” SPRAYER

(Six Pump in One)

This general-purpose Sprayer, by merely changing the various attachments furnished with it, can be used as a Spray Pump, Plumbers’ Force Pump, Fire Protector, Whitewasher, Floor Oiler, and Buggy and Auto Washer. Galvanized tank holds five gallons. All working parts of pump are brass, including brass ball valves. Price, complete with four feet of hose and extension pipe, $7.50.
PHILIPPS' COMPRESSED AIR SPRAYER

Philipp's Compressed Air Sprayer for spraying trees, small fruits, potato vines, etc.; also for house use as a fire extinguisher, and many other uses.

DESCRIPTION.—The Sprayer body is made of heavy polished brass or galvanized steel as desired. Top and bottom are dome shaped, joined to body under heavy pressure, making a complete double seam. The body is supported and further strengthened by a heavy steel band around the bottom. When completed this body is tested under double the pressure formerly used, so enabling you to get a finer spray for a greater length of time than with any spray we have ever made.

The air pump is made of heavy brass, two inches in diameter. Hose couplings are solid brass, standard cut threads, ends heavily ribbed to prevent hose slipping off. Hose is high grade, three-ply, bell shaped, supported by a cold spring, bell shaped at one end to prevent breaking. A safety valve is provided to allow air to escape after the necessary pressure has been obtained.

The "Kant-Klog" Nozzle furnished with this machine without extra charge, makes two bell sprays of different size, volume and fineness; one flat spray and two sizes of straight streams. The new Spring "Hose-Cock" shown above is also furnished without extra cost. Sprayer holds between four and five gallons and can be carried either by carrier strap or air pump handle. Price, galvanized, $4.00; brass, $5.50. Extension Pipes, 2-ft. lengths, galvanized, steel ends, 45c; solid brass, 55c. Elbow connection, solid brass (for low down work), 35c. Auto-Spray Torch (length of flame, 4 ft. 6 in.), $1.00.

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

PHILIPPS' SUCCESS SPRAY PUMP

The "SUCCESS" represents a new and excellent pump for use in garden, vineyards, greenhouses, for washing windows and buggies; also the working parts of the pump are brass, which will resist the action of acids contained in the fungicides.

A Return Stream Agitator, made by a hole through the lower valve, stirs the liquid and keeps the strainer free from sediment. No other Agitator of this kind will so thoroughly agitate the spraying solution.

Nothing could be more convenient than this apparatus for use in greenhouses and gardens. It is an excellent Potato Sprayer where any solution is used except Bordeaux Mixture. A little Ammoniacal Solution of Copper Carbonate. To resist the action of acids, a copper tank is preferable.

The "Bordeaux" Nozzle is the simplest and best Combination Spraying Nozzle on the market. It throws solid stream or fan-shaped spray, adjustable to any fineness; is readily degorged by turning the cock handle. It will also throw a long-distance, coarser spray for spraying very large trees, or it may be shut off altogether—features possessed by no other spraying nozzle. It can be used with any of our Spray Pumps for both %"-inch pipe and %"-inch hose. Price, as per cut, 90c.

Success Spray Pump

The "DEMOREL" Nozzle, with caps for fine and coarse spray. Obstructions readily forced out with spring degorger. Price, 75c. each.

We carry Vernorel and other Nozzles, which we furnish on request.

Demorel Nozzle

Seollay's Rubber Sprinkler. Indispensable for floral work and gardening. Invaluable when once tried. Very useful for dampening clothes or sprinkling in any way. Beware of imitations, as this is the best. Price, $1.90, same style, medium, 75 cents; small, 50 cents.

Seollay Putty Bulbs, for glazing. A pressure with the hand ejects the putty along the sash bars. Every Borist and gardener should have one of these bulbs. Price, postpaid, $1.00.

Leggett's Paris Green or Dry Powder Gun. Complete, with 4 extra tubes, 5 nozzles, oil can, 2 straps, $7.50. Full information as to the mixtures and cost of different powders, with each Gun. Pumps for sale.

Bellow's of different sizes, with patent powder receivers which cannot choke up. Bellow, 12, 16, 24 and 30 inches. Prices, 75c, $1.00, $1.25, $1.50, $2.00. 

Seollay Putty Bulb.
INSECTICIDES AND FUNGICIDES

This list contains the best that are made for Spraying Fruit Trees, Shrubs, etc., also for use on Animals.


Azon. A rat virus, for exterminating rats and mice. Package, $1.00.

Blue Vitrol (Sulphate of Copper). Now very extensively used in spraying grapevines in large vineyards and orchards. Price, from 8c. to 10c. per lb., according to quantity.

Bordeaux Mixture (Dry). Preventive for blight, 25c. per pound.

Bug Dust. Kilk Bug and tunnels blight of vine crops and celery. 15c., 50c., and $1.00 packages.

Cattle Comfort. We have several different makes, for insects on domestic animals. Price, quart can, 50c.; gallon can, $1.25.

Caustic Soda. Used on shade trees. 10c. per lb.

Cooper's V1 and V2. Destroys scale and fungoids. Dilute with 100 parts water. Quart, $1.00. Gallon, $3.00.

Fly Tree Oil Soap. A popular insecticide for greenhouse and house plants; it trees plants of nearly all insects to which they are subject, and for the following it has no superior; Mealy bug, scale, red spider, aphids (black and green), thrips, lice, worms and slugs; is also a valuable remedy for animal parasites and insects. One ounce makes one gallon mixed with water. 1/2-lb. tins, 25c.

Gopher Killer. Quart cans, 50c.

Grape Dust. For Mould, Mildew or Rust mites. 1-lb. package, 30c.

Green Vitrol (Sulphate of Iron). Used on the foliage in woods. Price, 5c. to 6c. per lb., as to quantity.

Hellebore, Powdered White. For the destruction of Slugs, Worms, and Caterpillars. Less poisonous than Paris Green and London Purple, and safer to use when fruits and vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Price, 20c. per lb.

Horleum. The San Jose Scale Killer for winter use. Dilute, 20 to 50 parts water. Quart cans, 35c.; gal. cans $1.00.

Iodine Killer. We have several different kinds in stock, both powder and liquids. 25c., 50c., and $1.00 per pckge.

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, 20c. per lb. If by mail, add 15c. for postage. Use in the same way as Paris Green.

Paris Green. A poisonous, insoluble powder, indispensable on the farm or garden, for preventing the ravages of Potato Bugs, Coddling Moth, Worms, Caterpillars, Slugs and Bugs. Applied as a powder it should be mixed as a plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. in 200 or 300 gallons of water. Price, 1-lb. package, 35c.; 5-lb. package, 110c.

Smut Killer. Cooper's Smut Killer is soluble in cold water. Destroys smut and promotes growth of grain. Price, quart, $1.00; 1/2 gallon, $1.15; gallon, $3.00.

Slug Shot. Slug Shot is an impalpable powder, a combination of insecticides; poisonous to insects prevailing upon vegetables, with an excellent fertilizer qualities, while affecting nearly all classes of insect life, so that they die or leave for parts unknown. It kills the potato bugs in all stages of their growth. It kills the black flies on Cabbage, Turnips, Beets, 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 Flies on Roses and other flowers. Has prevented the ravages of the Curculio and Canker Worm on fruit trees; used for Beets, Melons, Squash, Cucumber, and Corn. Applied as a dust, or as a spray, 10-lb. package, 5c.; 100-lb. package, 50c.; 1000-lb. package, directions on every package.

Sterlingworth Weed Killer. The most powerful weed killer known. 1-lb. packages, 50c.; 3-lb. packages, $1.25.

Sulphur, Powdered. Acknowledged to be one of the greatest insect and germ destroyers known. Price, 10c. per lb.; 10 lbs., 60c.; 25 lbs. and over, at 5c. per lb.

Sulpho-Tobacco Soap. For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. Price, 3-oz. package, 10c., or by mail, 15c. Dissolve 2 oz. to a gallon of water and apply with brush, sponge or spray.

A REVOLUTION IN SPRAYING

Cooper's Spray Fluids are the culmination of much experimental work, and represent a new departure in spray fluids. They have been abundantly tested and proven successful for the destruction of fungous diseases and scale pests. Cooper's Sprays are immediately soluble in water, thus overcoming the great objection to crude and home-made sprays. Each gallon makes 100 gallons. This means saving in freight. Have no sediment to clog nozzles, which often wear on machine and makes another saving. Best results are obtained by spraying when items are dormant with V1 — this spraying kills scale and fungus. Then use V3 for Coddling Moth Spray and leaf eaters, or V4 for live insects. By all means make a trial. You'll be well satisfied. Price, quart, $1.00; gallon, $3.00.

INCREASES YOUR PROFITS

Apterite Soil Fumigant is a certain destroyer of Woolly Root Aphis and other Aphids, also Cutworms, Wireworms, Grubs, and many other pests which tend to destroy the roots of fruits, trees and vegetables. The Apterite is the cheapest form of root insurance you can buy, keeps roots free from attack of insects for nearly three months after using. Apterite can be applied at plowing, with a fertilizing drill or planter. Simply has to be mixed with the soil. By all means make a trial. Price, 1-lb. bag, 20c.; 5 lbs., 60c. 11-lb. box, $6.00.

Tree Tanglefoot. A harmless, sticky compound, to apply directly to trees with wooden paddle. Price, 1-lb. can, 30c.; 3 lbs., 50c.; 10 lbs., $2.65; 20 lbs., $4.80.

Tobacco Extract. For greenhouse use. Quart cans, 50c.

Thruf Juice. For Scale, Mealy Bug, etc. One gallon to 200 parts water. Gallon cans, $1.50.

Tobacco Dust, Fine. For green and black aphids, fleas and beetles. Excellent for burning in greenhouses. Splendid fertilizer and preventative for insects in the ground and around roots. Price, 10c. per lb.; 5 lbs., 40c.; 10 lbs., 50c.; $3.00 per 100 lbs.

Tobacco Stem. For fumigating greenhouses and conservatories. Price, 50 lbs., 75c.; 100 lbs., $1.00; per ton, $15.00

Whole Oil Soap. Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 15c. per lb.
Dairy Supplies of all Kinds

THE REID AND NATIONAL CREAM SEPARATORS
WRITE FOR CIRCULAR AND PRICES.

DOUBLE-ACTING DASHER CHURNs

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5 gallons</td>
<td>$3.75</td>
</tr>
<tr>
<td>1</td>
<td>10 gallons</td>
<td>$4.25</td>
</tr>
<tr>
<td>2</td>
<td>15 gallons</td>
<td>$5.00</td>
</tr>
<tr>
<td>3</td>
<td>20 gallons</td>
<td>$6.75</td>
</tr>
</tbody>
</table>

BARREL CHURNs

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6 gallons</td>
<td>$3.60</td>
</tr>
<tr>
<td>1</td>
<td>10 gallons</td>
<td>$4.00</td>
</tr>
<tr>
<td>2</td>
<td>15 gallons</td>
<td>$4.75</td>
</tr>
<tr>
<td>3</td>
<td>20 gallons</td>
<td>$5.25</td>
</tr>
<tr>
<td>4</td>
<td>25 gallons</td>
<td>$5.80</td>
</tr>
<tr>
<td>5</td>
<td>30 gallons</td>
<td>$6.25</td>
</tr>
<tr>
<td>6</td>
<td>35 gallons</td>
<td>$6.60</td>
</tr>
<tr>
<td>7</td>
<td>40 gallons</td>
<td>$7.25</td>
</tr>
</tbody>
</table>

Barrel Churns should never be filled, quite half full. Power Barrel Churns priced on application.

REID HAND BUTTER WORKER

The best, strongest and easiest operating machine made.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>36 x 25</td>
<td>$1.25</td>
</tr>
<tr>
<td>20 x 36</td>
<td>$1.50</td>
</tr>
<tr>
<td>17 x 27</td>
<td>$1.75</td>
</tr>
<tr>
<td>11 x 25</td>
<td>$2.00</td>
</tr>
</tbody>
</table>

MILK AND CREAM BOTTLES AND CAPS

Bottles—½ pint, $0.75 per gross; 1 pint, $5.50 per gross; 1 quart, $7.50 per gross. Bottle Caps, 25c. per 1,000.

Pilling's Patent Coin Silver Milking Tubes, in the following sizes:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>¾ in. long, 30c.</td>
<td>$0.25</td>
</tr>
<tr>
<td>2½ in. long, 60c.</td>
<td>$0.50</td>
</tr>
<tr>
<td>3½ in. long, 1.00</td>
<td>$1.00</td>
</tr>
<tr>
<td>4½ in. long, 1.50</td>
<td>$1.25</td>
</tr>
<tr>
<td>5½ in. long, 2.00</td>
<td>$1.75</td>
</tr>
<tr>
<td>6½ in. long, 2.50</td>
<td>$2.25</td>
</tr>
</tbody>
</table>

Floating Dairy Thermometers, postpaid, each:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>¾ in., 1.00</td>
<td>$1.00</td>
</tr>
<tr>
<td>2½ in., 1.50</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

Reid's 1½ and 2-pound Hand Butter Moulds, each:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1½ lb.</td>
<td>$1.25</td>
</tr>
<tr>
<td>2 lb.</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

Reid's 2-pound Hand Butter Moulds, each:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 lb.</td>
<td>$1.75</td>
</tr>
</tbody>
</table>

Milk Bottle Brushes, each:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 lb.</td>
<td>0.30</td>
</tr>
</tbody>
</table>

Milk Can Brushes, each:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 lb.</td>
<td>0.10</td>
</tr>
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</table>

Pioneer Brand Genuine Vegetable Parchment Paper, 8 x 11-inch size, per 1,000:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>1,000 rolls</td>
<td>$0.80</td>
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Pioneer Brand Genuine Vegetable Parchment Paper, Circles 7½ inch, per 1,000:

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<th>Size</th>
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<td>1,000 rolls</td>
<td>$0.75</td>
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WYANDOTTE DAIRYMAN'S CLEANER AND CLEANSER

Wyandotte Dairyman's Cleaner and Cleanser is inexpensive and easy to use. It not only is it a dairy cleaner, but it also possesses properties which make it a cleaner of superior merit for all household purposes.

It is packed in 5-lb. cotton sacks, which prove a convenient size for both the large and small user. We recommend this cleaner without hesitation and know that you will find it all that it is claimed to be. We can now furnish you this cleaner in any quantities desired. Price, per 5-lb. bag, 25c.

GARDENING AND HORTICULTURAL TOOLS

<table>
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<tr>
<th>Tool</th>
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<tbody>
<tr>
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<td>30c.</td>
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<tr>
<td>Hotbed Cloth</td>
<td>75c.</td>
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Hotbed Protecting Cloth. Specially prepared to prevent mildewing and rotting, valuable for forwarding and protecting early plants from frosts, covering hotbeds and frames in spring, in lieu of glass, and for throwing over bedding plants at night in fall, as for Chrysanthemum houses, at one-tenth the cost of glass. Pieces contain from 40 to 60 yards. Price, heavy grade, per yd., 10c.; by piece, per yd., 10c.; medium grade, best for general purposes, per yard, 10c.; by piece, per yard, 9c.

Allen's New Century Pruner is operated from the ground and is guaranteed to do better, also more work with less labor, than any other pruner made. Price, $1.96.

WATERS IMPROVED TREE PRUNER

<table>
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<td>Allen's New Century Fruit Picker</td>
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Allen's New Century Fruit Picker does not injure fruit and is the only practical fruit picker made. Price, 75c.

Price, 15 cents.

Greenhouse Syringe, 1½ d. to &6.50.

The Wilson Spring Whiffletree, Price, pair, $1.50, $4.75, $11.00.

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Price, 15 cents.

Hedge Shears, Best English Steel, $1.75 each.

Pruning Shears—Solid Steel, Improved Springs, 50c. up to $1.25.

The Wilson Spring Whiffletree, Price, pair, $1.50, $4.75, $11.00.
THE PHILIPPS’ IMPROVED FEED COOKER

SIZES AND PRICES

No. 1.—Diameter of shell, 18 inches; height of shell, 40 inches; number of 2-inch flues, 9; length of boiler, 51 inches; shipping weight, 360 pounds; price, $25.00.

No. 2.—Diameter of shell, 19 inches; height of shell, 40 inches; number of 2-inch flues, 13; length of boiler, 58 inches; shipping weight, 430 pounds; price, $30.00.

The following fittings and trimmings are furnished with each Cooker: One safety valve, two gauge cocks, one pump, two valves, glass water gauge, steam gauge, sufficient pipe connections, and two feet of hose. It is fitted with connections for one tank or barrel, but may be used with three or five, with additional pipe and fittings.

KEYSTONE ADJUSTABLE WEEDER AND CULTIVATOR

This Weeder we introduce on its merits and can truthfully say that it is the very best Weeder made. Every farmer and gardener should have one. Price, $19.00.

BROADCAST GRASS SEED Sowers

HAND AND WHEELBARROW

The Little Giant Hand Sowers and the Thompson Wheelbarrow Seeders are acknowledged the best on the market. They are the greatest labor and seed-saving Seeders made. We guarantee them in every way and offer them to our friends and customers as follows, delivered f. o. b. cars or express Toledo:

Little Giant Bow Seeder. Single one, $1.25; three in one order, $3.25; six in one order, $6.00.

Little Giant Crank Seeder. Single one, $1.50; three in one order, $4.00; six in one order, $7.50.

Thompson’s Royal Chain Wheelbarrow Seeder. 14 or 16 ft. in width, $6.00 each.

Thompson’s Regular Wheelbarrow Seeder. 14 or 16 ft. in width, $5.75 each.

CHURCH, SCHOOL AND FARM BELLS

The celebrated Blumyer Bells for Churches, Academies, Schools, Court Houses, Fire Alarm, Factory and Farm. Unrivaled 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 $1.25 to $3.00 each.

THE IMPROVED CLIPPER GRAIN AND SEED CLEANER

The Most Perfect, Strongest and Cheapest Mill on Earth. This Mill will do What no Other Mill Ever Has or Will Do.

This Clipper Mill, No. 1, is for general use, and furnished with 10 sieves, suited for all kinds of grain and seed and nine of which are zinc—the best material for sieves, as it will not rust. This Mill cleans Wheat, Oats, Rye, Barley, Corn, Rice, Beans, Buckwheat, Coffee, Spice, Flax, Clover, Timothy, Millet, Buckwheat, and all other grasses and garden seeds with once through, and leaves no tailings to be re-cleaned. They separate Poppagrass, Plantain, Buckhorn and other foul and noxious seed from Clover and Red Top: Plantain and Poppagrass out of Timothy Seed. The only Mill which separates Red Clover, Timothy, Dock and noxious seed from Alsike Clover. It separates Cockle and Mustard from Wheat and Clovers. You can grade all your grains perfectly for seed.

Another important and strong point of the Clipper Mills over others is that they are more compact and stronger built. They have a large box which the grain and seed drops into, and the price is as low as any ordinary mill. Price, No. 1, $20.00; No. 2, $30.00.
The famous Clark's Cutaway Harrow surpasses the plow and makes a perfect seed bed. Clark's Improved Cutaway Harrow is "The Boss." It beats anything in the way of a Spading and Pulling Harrow ever introduced. With it you can prepare your land for this seeding without planting. They have no equal. We have tested them with other so-called Spading Harrows and found they were no competitors to the CUTOAWAY. Hard clay or stubble made into a perfect seed bed. Has also a seedling 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 twenty 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 manufacturer's prices. Call and see or send for full descriptive circular and prices. Price, $1.00 each for 2-Horse Harrow.

**Clark's Cutaway Two-Horse Disc Harrow**

**Clark's Double-Action Harrows,** $2.50, $3.90 and $7.50 each. California Orchard Harrows, $5.75 to $5.50.

**Diamond Steel Tooth Harrows.** These Harrows with patent Steel Teeth, each tooth riveted, which prevents splitting. We have a Section Harrow, with long eveners, sold by the section. Two sections, 40 teeth, cuts 8 feet; three sections, 66 teeth, cuts 12 feet; teeth riveted. These are for small gardeners. Price, from $3.00 to $12.00.

**The Tiger Protection Steel Frame, Spring Tooth, Plowing Harrows; The Tiger Protection Wood Frame, Spring Tooth, Floating Harrows; Of different sizes and prices.**

**Smith's Celebrated Ohio Corn Planter.** This Planter has stood the test for in years, and never failed to receive the highest commendation in a single instance. Price 75c. to $1.00 each; less price for dozen lots.

**The Buckeye, Triumph, and other Hand Corn Planter, 75c. to $1.00 each; less price for dozen lots.**

**ACME Hand Potato Planter**

This is the pioneer implement of its kind. Simple, Practical, Durable. It is the lightest (weighs but 2½ pounds), strongest and most durable Hand Potato Planter yet made. Puts in the seeds cheaper, easier and better than any other method. Works perfectly on clay, gravel or sandy soil, and new ground. Any farmer with less than thirty acres of potatoes to plant can put his seed in cheaper with the Acme Planter than by any other way. It has been a good day's work for a man to plant three-fourths of an acre of potatoes in a day. With an Acme Planter a man can plant twenty acres in a day of ten hours. It makes the holes, drops and covers at one operation. Once over the field does the work. Special price, $1.00.

**TOOLS FOR TOWNSHIP OR CONTRACT WORK**

**Columbus Solid Steel Square and Pressed Bowl, Wheel and Disc Scrappers.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Winner Pressed Bowl Steel Scraper</td>
<td>$1.75</td>
</tr>
<tr>
<td>2</td>
<td>Winner Pressed Steel Bowl Scraper</td>
<td>$1.35</td>
</tr>
</tbody>
</table>

Add 25 cents extra for Runners.

**Stagg Wheel Scraper, Square Bowl.**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>1</td>
<td>$5.00</td>
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<td>2</td>
<td>$6.60</td>
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<tr>
<td>3</td>
<td>$8.00</td>
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<td></td>
</tr>
<tr>
<td>3</td>
<td>$12.00</td>
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</tbody>
</table>

**Columbus Wheel Scraper.**

Donn's Patent Board Scraper—One size.

Be sure to buy no other make, even for less money, as the genuine Donn is the only ditching scraper worth buying.

We carry in stock heavy grade and contractors' plows, suitable for two to ten horses. Also agency for steam or horse Rollers, Road Machines, etc. Can furnish Mattracks, Picks, Shovels, etc. So please let us know your wants in that line, when we will name you right prices for best goods money will buy.

**RIDING AND WALKING PLOWS**

For Farm Use, Contract or Grading.

We carry in stock a full line of both plows and repairs. Kindly state your wants and will be pleased to let you know what we have to offer, also quote prices.

**Donn Scraper.**

The Toledo Harrow, also South Bend steel and chilled one and two-horse plows, Guaranteed to please or money refunded.

**Prices:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-horse, chilled</td>
<td>$5.00</td>
</tr>
<tr>
<td>One-horse, steel</td>
<td>$6.50</td>
</tr>
<tr>
<td>Two-horse, chilled</td>
<td>$10.00</td>
</tr>
<tr>
<td>Two-horse, steel</td>
<td>$11.00</td>
</tr>
<tr>
<td>Grading Plows</td>
<td>$16.00 to $35.00</td>
</tr>
</tbody>
</table>
“Planet Jr.” Farm and Garden Tools

Space will not permit our showing and describing all of the “Planet Jr.” tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. “Planet Jr.” goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

Planet Jr. No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow. Price $11.00
Price as a drill only $9.00

This is the most popular combined tool made. It combines in a single implement, a first-class hill-dropping seeder, a single wheel hoe, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart. The drill is detached and the tool-frame is easily removed but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops.

Planet Jr. No. 5 Combined Hill and Drill Seeder, and Single Wheel Hoe. Price $13.50
As a Wheel Hoe $6.50

This is the newest combined machine. It has 16-inch steel wheel and very accurate feeding device. Drops at the same distances apart as the No. 4 Drill. It is made with the greatest care, and simplicity of parts has been carefully kept in mind. It has an improved leaf lifter, and the wheel hoe as a wheel hoe consists of two 6-inch hoes, three improved steel cultivator teeth and a large garden plow.

Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow. Price $7.00

The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of 4 all steel cultivator teeth. The tools shown are what gardeners use most and others can be added as wanted.

Planet Jr. No. 8 Horse Hoe and Cultivator. Price $9.00

It opens and closes furrows, hoes right up to the plants without danger of injuring them, throws dirt to or from the row and throws back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer who knows the best is always the cheapest.

As a drill it is almost identical with the Planet Jr. No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills.
As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the whole combination is one we can heartily recommend and guarantee satisfactory.

Planet Jr. No. 3 Hill and Drill Seeder. Price $10.50

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds in the exact thickness required.

Planet Jr. No. 17 Single Wheel Cultivator and Plow. Price $5.50

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work. Other attachments can be added at any time.

Planet Jr. Twelve-tooth Harrow, Cultivator and Pulverizer. Complete, $9.00; less pulverizer, $7.40 and less wheel, $6.20.

Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adapted to his purposes. With the Twelve-tooth Harrow here shown, you go as deep or shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It’s a special favorite with strawberry growers, market gardeners and truckers.
**PLANET JR.** 1910 PRICE LIST

Call and see or send for "Planet Jr." Special Catalogue, fully describing and illustrating a large variety of hand and horse-power implements, superior to any others in the market.

<table>
<thead>
<tr>
<th>Description</th>
<th>Packed Weight</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 4 Hill and Drill Seeder and Single Wheel Hoe</td>
<td>58 lbs.</td>
<td>$5.00</td>
</tr>
<tr>
<td>No. 8 Horse Hoe and Cultivator</td>
<td>77 lbs.</td>
<td>$8.75</td>
</tr>
<tr>
<td>No. 9 Horse Hoe and Cultivator (with wheel)</td>
<td>91 lbs.</td>
<td>$15.75</td>
</tr>
<tr>
<td>No. 9 Horse Hoe and Cultivator (without wheel)</td>
<td>72 lbs.</td>
<td>$7.75</td>
</tr>
<tr>
<td>No. 9 Plain Cultivator (with wheel)</td>
<td>61 lbs.</td>
<td>$6.50</td>
</tr>
<tr>
<td>No. 9 Plain Cultivator (without wheel)</td>
<td>55 lbs.</td>
<td>$5.75</td>
</tr>
<tr>
<td>No. 9 Double Wheel Hoe (complete)</td>
<td>92 lbs.</td>
<td>$12.00</td>
</tr>
<tr>
<td>No. 10 Two-Row Pendant Wheel Cultivator (complete)</td>
<td>101 lbs.</td>
<td>$14.50</td>
</tr>
<tr>
<td>No. 12 Riding Cultivator and Harrow (cuts 4 ft.)</td>
<td>135 lbs.</td>
<td>$25.50</td>
</tr>
<tr>
<td>No. 12 Riding Cultivator and Harrow (cuts 6 ft. 6 in.)</td>
<td>170 lbs.</td>
<td>$33.50</td>
</tr>
<tr>
<td>No. 14 Orchard and Universal Cultivator (cuts 5 ft. 3 in.)</td>
<td>111 lbs.</td>
<td>$19.00</td>
</tr>
<tr>
<td>No. 14 Orchard and Universal Cultivator (cuts 7 ft. 9 in.)</td>
<td>149 lbs.</td>
<td>$23.50</td>
</tr>
<tr>
<td>No. 14 One-Row Horse Hoe and Beet Cultivator (plain)</td>
<td>143 lbs.</td>
<td>$24.00</td>
</tr>
<tr>
<td>No. 15 One-Row Horse Hoe and Beet Cultivator (complete)</td>
<td>161 lbs.</td>
<td>$26.00</td>
</tr>
<tr>
<td>No. 16 One-Row Horse Hoe and Beet Cultivator (complete)</td>
<td>161 lbs.</td>
<td>$26.00</td>
</tr>
<tr>
<td>No. 18 One-Row Horse Hoe and Beet Cultivator (complete)</td>
<td>189 lbs.</td>
<td>$32.00</td>
</tr>
<tr>
<td>No. 20 One-Row Horse Hoe and Beet Cultivator (complete)</td>
<td>213 lbs.</td>
<td>$34.00</td>
</tr>
</tbody>
</table>

**THE CHANDLER MOLE TRAP**

A new Trap on common sense principles and sure death to the mole that enters it. A child can manipulate it with perfect safety. Price, 75c. c.o.d., Toledo, Ohio.

This is the best Mole Trap on the market for several reasons: First—It will catch a mole from two to four inches deeper in the ground than any other trap sold. Second—You do not have to dig up from four to eight inches of your lawn to remove the mole from the ground, or weight the trap to prevent it springing out of the ground when tipped. Third—There are no sharp, needle-like spears lying around to endanger the lives of your children or stock. Fourth—When set, it only extends five inches above the ground and seven inches in the ground, thus being the best trap on the market for hotbeds, and it will not interfere with the glass cover. Fifth—Being the only trap on the market that is absolutely self-setting, this trap is made of best steel and plated to prevent rusting.
FLORISTS’ SUNDRIES
Florists’ Vases
For Displaying Cut Flowers

A “Wheeling” Dish
The Fibre-Ware Saucer
shown by the accompanying illustration
permits of the moving of heavy potted
plants, palms, etc., without labor or dif-
culty. It is entirely free from joints, and
consequently perfectly water tight; it is
not affected by moisture; cannot rust; is
light, strong and durable. Its ball-bearing
casters with hardwood rollers run easily
and raise the saucer sufficiently high to
permit of a free circulation of air beneath.
Its use will speedily pay for its trilling
first cost in the saving of carpets or easily
marred hardwood floors.

THE PLANTER PATENT SEED CORN GRADER
SIMPLEST, PERFECT GRADER. MOST RAPID, 12 bs. per hour.
ABSOLUTELY SUBSTANTIAL, SATISFACTION GUARANTEED.
Endorsed by all Corn Growers and Corn Planter Manufacturers.

PRICES: Single Screen, $1.00; Double Screen, $1.50

Books on Horticultural and Kindred Subjects
American Standard of Perfection—(Adopted by the American Poultry Association.) Complete description of all
recognized breeds, judges’ instructions, etc. $1.75
Asparagus, its Culture for Home Use and for Market—A practical treatise .50
Bulb Culture—Special cultural directions for 200 varieties .50
Carnation Culture, American—A concise history and culture of the divine flower 1.75
Chrysanthemum Culture for Amateurs .50
Celery for Profit—Tells how to make celery pay big profits .30
Dahlias, The—Copiously and elegantly illustrated, by an expert .49
Diseases of Poultry—The entire subject of health and disease .60
Farm Accounts, How to Keep Them—A practical book for the practical farmer 2.00
Fertilizers, Gregory on—Tells how to compound formulas .50
Floriculture, Practical—A guide to the successful culture of plants 1.75
Flowers and How to Grow Them—Good instructions for the amateur .60
Flower Garden, How to Make and Care for—Most practical and beautiful book on the subject 2.15
Frost, Stopping With available information on forcing vegetables .28
Grape Culture, A Practical Treatise on—Valuable hints on the culture of the grape .49
Garden, Play and Profit in My—A most useful book .50
Mushroom Culture, its Extension and Improvement—Contains all different ways of cultivation .30
Potatoes for Profit—By an expert .25
Profits in Poultry and their Profitable Management—Profusely illustrated 1.25
Propagation, The Art of—A concise and practical treatise .40
Questions and answers in Poultry Raising, 500—Will answer all questions on raising poultry .30
Roses, Book of the—A reliable written guide to rose culture .50
Roses and How to Grow Them 1.25
Strawberry Culturist—A complete direction for the growing of strawberries .30
Sweet Peas, All about—A beautifully illustrated book .25
Vegetables, How to Grow Them .50
Window Flower Garden, The—Personal experience of a practical florist .50

Prices on Books Include Postage
OHIO BEARDLESS BARLEY

This wonderful Beardless Spring Barley has now been grown by us for several years past with the best results, so we can safely guarantee it in every way as being the very best barley for farmers to raise.

It is beardless, and the hull remains tight, which fact alone places it at the head of all barley.

Is six-rowed, of unusual length of head, well packed with solid plump grains clear to the tips.

Is the earliest to ripen, hence valuable to plant either in the extreme north or extreme south, and will do equally as well in the middle States.

Frost will not hurt it, and it can be planted early in March and ripens in June, therefore suited in every way to be easily handled by the farmer.

The straw is somewhat larger and taller than common barley, but much stiffer, and will stand up on any soil. Will produce about eighty bushels to the acre, and combines all the rich and nutritious qualities of the bearded sorts, and being beardless, is easily handled and can be fed to stock the same as oats.

By reason of the above facts this barley is worth more money to the farmer, especially so when you consider that barley weighs forty-eight pounds to the bushel, as against oats thirty-two pounds, besides producing more bushels to the acre and selling for twice the money per bushel.

Try it and you will be pleased with your bargain.

Price, $1.35 per bushel; 10 bushels or more, $1.25 per bushel.
Bags extra, 23 cents each.

HALLECROFT
WAX BUSH BEAN

The "Hallecroft" is of excellent flavor, enormous yielder and sure to be a winner. Introduced by us this year, and all our friends and customers should give it a trial.

Price: pkt. 5c.; pint 20c.; quart 30c.; peck $2.25.

Hedge Plants

Besides being attractive, hedges are also useful for bordering gardens, giving a privacy which cannot be attained with anything else, and in the long run they are cheaper than fences, getting better and stronger year after year.

California Privet. A very popular hedge plant with rich, dark green foliage, of quick growth, succeeding under almost any condition.

Plants, 12 to 15 inches high, $2.25 per 100, $20.00 per 1,000.
Plants, 15 to 18 inches high, $2.75 per 100, $25.00 per 1,000.

Ohio Early Gold Mine Corn

Is the best yellow corn that grows. It is early, ripening only a few days later than the Pride of the North; ears are of good size and symmetrical; color a bright golden yellow; grain is very deep, cob small and therefore it dries out very quickly as soon as ripe. Seventy pounds of ear corn make sixty to sixty-two pounds of shelled corn, and in hauling to market it weighs out five bushels more to the wagon-load than common varieties in the same size wagon.

This year our stock of this variety Corn is thoroughly dry and mature, so our customers can depend upon getting first quality Seed Corn, Ohio Grown, that will please all who favor us with their orders.

Price, $1.50 per bu.

The Henry Philipps Seed & Imp. Co.
115 and 117 St. Clair Street, Toledo, Ohio