

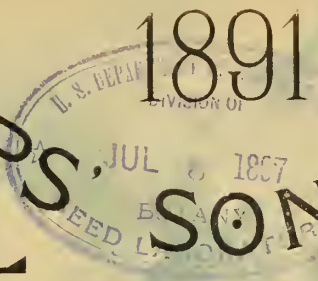
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# J. M. PHILIPS, 1891 SEED ANNUAL SONS.



FOR FARM AND GARDEN.

*Brown Dec 11*



Everything  
For the Garden.

MERCERSBURG, PA.

## TO OUR CUSTOMERS.

With our greetings and best wishes for a prosperous and a happy New Year to all our friends and customers, we have again the pleasure of presenting to your notice an extract of our Catalogue for the ensuing season, we hope you will be induced by the extremely low prices to favor us with your general order, which shall have our careful and prompt attention.

**OUR Catalogue,** We do not claim to publish a book as large as some Seedsmen, or do we want to exaggerate the illustration and description in our Catalogue, we only wish to do the vegetables justice by representing the vegetables just what they are.

**True Description.** We have made most careful comparison through our entire book, both in our own trials and careful observance of many testing grounds, our descriptions of all varieties offered by us will be found as true as we can make them, which is of great value to the buyer.

**Philips' Seeds** ARE WARRANTED TO BE FIRST-CLASS, in every respect. "Few equal and none better."

WE ALSO GUARANTEE all seeds and other goods ordered of us shall reach the purchaser safely and in good condition. We are also responsible for the receipt of all money if sent as directed below. Thus even customers in the most States and Territories can obtain their supplies as safely, and have their orders as carefully executed, as if they had called in person at our Seed-warehouse.

**Seeds post-paid by mail.** In considering our prices, both of new and standard

Vegetable and Flower Seeds, please bear in mind that we pay postage on all Flower and Vegetable Seeds, by the packet or ounce. In ordering, state distinctly how seeds are to be sent, by mail, express or freight, otherwise we will use our own judgment as we think best. When large quantities of Seeds are wanted it is always best to order early, so that they can be sent by freight, as the charges are much cheaper than by express. Small orders, can be sent as cheap by express.

**How to order.** We cannot too often reiterate, be very careful to always sign your name, post-office, county and State on each and every letter sent to us. Cash must always be sent with order. Money can be sent safely either by post-office order, bank draft, express or by registered letter. Every post-master is obliged by law to register a letter on payment of ten cents, then you will receive our receipt for letter by return mail.

We accept two cent postage-stamps the same as cash.

All orders must be addressed to

**J. M. PHILIPS' SONS,**

**Mercersburg, Pa.**

J. A. PHILIPS,  
E. H. PHILIPS,  
D. C. PHILIPS,

# Introductory Remarks

ON

# GARDENING.



**Success in Growing of Vegetables.** Is certain, just in proportion as sufficient space is given to grow in, proper tillage bestowed, and the necessary supply of light and air afforded. These conditions met, the crop will be heavy and the quality superior. In the directions found in this Catalogue we name the least space required by the different varieties. This has been done in view of the limited size of many gardens, which necessitates economy of ground. Where the garden will allow it, more liberal space should be given. Having set apart sufficient space, give the ground a thorough preparation. Deep culture is one great secret of success. It is important that the ground be well drained. All crops succeed better when planted and cultivated in drills and rows, rather than broadcast. By so doing, time, expense and trouble will be saved.

**Rotation of Crops.** A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beet, Carrot, Parsnip, &c., are not planted successive seasons in the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, &c.; plants of the Brassica or Cabbage tribe, are apt to become diseased at the roots (club-rooted as it is termed) if too frequently planted in the same ground.

**Why Seeds Fail.** From a conviction that the Seedsmen's fair reputation is often unjustly defamed through the failure of seeds, we briefly state some of the causes. Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in eastern Pennsylvania, where gardening operations are generally commenced in March. These directions may, however be applied to all other parts of the United States, by an observance of the difference in temperature. Failures often occur through seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for the want of a proper quantity of seeds in a given spot, solitary plants will perish. In sowing of seed during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ.

**Seed Tests,** for the protection of the planter and the benefit of the seller, are made thoroughly before the selling season at our establishment, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

**A Book that is Worth its Weight in Gold to Every Farmer and House-keeper in America!**

# THE FARM AND HOUSEHOLD CYCLOPEDIA.

This book is a complete *ready-reference library* for farmers and housekeepers, being filled with useful facts, hints and suggestions upon all subjects pertaining to rural and domestic affairs, embracing the results of experiment and research by scientific and practical men and women in all civilized countries. It contains the cream or substance of more than a dozen ordinary agricultural and household books, and is the only first-class work of the kind ever sold at less than six dollars. It is a book to be consulted every day in any emergency, and to be read at all times with interest and profit. It is such a book as every farmer and housekeeper needs, and one of whose value and assistance a reliable counsellor upon every topic relating to the farm and household, and will save its small cost every week in the year. The work is profusely illustrated, and is divided into two general headings, viz.: *The Farm and The Household*, each of which occupies half the book. These are again subdivided into a number of departments. We append a partial summary of the contents:

**Rural Architecture.**—This department comprises details and plans for country houses, cottages, barns and other outbuildings, with valuable suggestions to those intending to build.

**Fences and Gates.**—Descriptions of a great variety of gates and fences, for farm and lawn, ornamental and cheap, with plain directions for their construction, are here given.

**Field Crops.**—This department contains valuable hints and useful suggestions regarding the culture of wheat, corn, potatoes, hay, roots, tobacco, etc., treats of plowing, seeding, hoeing, weeding and harvesting, the diseases and insect or other enemies of crops and the best methods of combating them, etc., etc.

**Fertilizers.**—This important subject, than which nothing is of greater importance, is fully treated. Information is given as to the value of each of the various substances in their application to different crops and qualities of soil, likewise as to home manufacture and production of fertilizers, etc., etc.

**The Garden.**—Under this heading is given valuable information regarding the successful growing of asparagus, celery, cauliflower, tomatoes, onions, squashes, melons, cucumbers, cabbages, parsley, spinach, beans, peaches, radishes, mushrooms, etc., directions for destroying garden pests, and much other matter.

**Orchard and Vineyard.**—Under this heading we have a complete fruit book, with a vast amount of useful information for growers of peaches, plums, pears, apples, cherries, quinces and grapes; directions for pruning and grafting, care and management, and for curing disease and eradicating pests, etc., etc.

**Small Fruits.**—This department gives directions for the successful cultivation of strawberries, raspberries, blackberries, whortleberries, gooseberries, currants and cranberries, enumerating the experiences of the most successful small fruit culturists.

**Live Stock.**—More than fifty pages are allotted to this important subject, and herein will be found information of great value regarding the care and management, feeding and rearing, of horses, cattle, sheep and hogs; directions for the cure of all diseases peculiar to them and of all unruly and vicious habits, for the construction of necessary buildings and conveniences, etc., etc.

**The Poultry Yard.**—This department gives the fullest information regarding the care and management of poultry, tells how and what to feed, how to make incubators, how to raise artificially-hatched chickens, how to cure all diseases of poultry; gives numerous designs and plans for approved poultry houses, coops and yards, directions for marketing, preserving eggs, canning, etc.

**The Dairy.**—Under this heading is given the fullest information regarding butter making and dairy farming, embracing the experiences of the most successful dairymen.

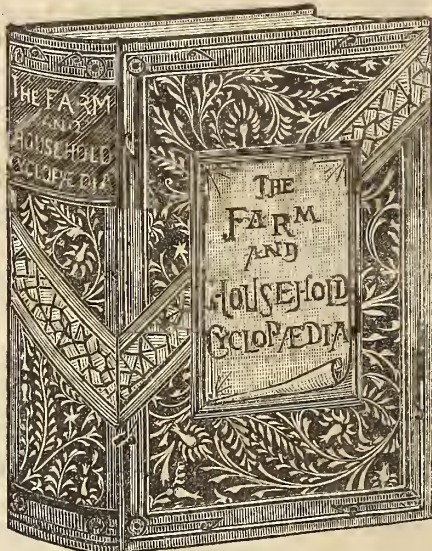
**The Apiary.**—The care and management of bees is fully treated in this department, and to those interested in this profitable pursuit, the information here given will be found invaluable.

**Farm Implements.**—Directions for making numerous useful and labor-saving utensils, all of which are unpatented and may be easily made, are here given. Among them are harrows, hay elevators, weeding implements, tread powers, corn-markers, clod crushers, post drivers, plow attachments, corn shellers, road scrapers, snow plows, bag holders, etc., etc.

**Around the Farm.**—The topics treated in this department are such as could not be properly classified elsewhere. Among them are ensilage, drainage, lawn making, painting, whitewashing, smoke houses, ice houses, cisterns, cellars, trapps, tanning hides, curing meats, and hundreds of other matters, the department being one of the most valuable in the book.

Only a very small portion of the contents of this book are enumerated above. It is a vast storehouse of useful facts, hints and suggestions of the utmost value to farmers and housekeepers, and no man who has a home and an acre or more of land can afford to be without it. The publishers know full well that farmers are a class who have no money to waste upon luxuries, and are equally well aware that the purchase of this book will be to them the most profitable of investments. While other books of this character are sold for \$6.00 and \$10.00, for all practical purposes they are no better than this. The book meets a universal want, and should find its way into every rural home.

THE FARM AND HOUSEHOLD CYCLOPEDIA is a large and handsome book of 544 pages, 12mo, printed upon fine paper, and elegantly bound in cloth, embellished with artistic designs in black and gold. It contains **Two Hundred and Forty-Nine Illustrations**, the original cost of which was nearly \$5,000. The book will be sent by mail post-paid at the price, only **One Dollar**. It is as large and as handsomely gotten up as a book usually sold at \$1.50 and \$2.00, and its contents are worth the weight of the book in gold to every farmer and housekeeper.



**Cooking Recipes.**—This department occupies seventy pages, and is a complete and most excellent cook book. It comprises a large number of recipes for breakfast dishes, soups, meats and poultry, fish, vegetables, salads and relishes, bread and rolls, jellies and preserves, puddings, pies, fancy dishes, cakes, ice cream, ices, summer drinks, and confectionery.

**Ladies' Fancy Work.**—Herein are given designs and directions for making many beautiful things for the adornment of the home at small cost, including table covers, hanging baskets, tidies, embroidery designs, rugs, work baskets, hassocks, pillow shams, clothes brush holders, scrap bags, pin cushions, pen wipers, music stands, card baskets, screens, slipper cases, catchalls, ottomans, sofa pillows, wall pockets, etc., etc.

**Floriculture.**—The thirty pages allotted to this subject will be found of great interest and value to every lady who cultivates flowers. Information is given as to the best method of propagating and treating all the different plants, the care of disease and eradication of insect pests, likewise directions for making many beautiful floral and other devices, for window gardening, etc., etc.

**The Home Physician.**—The fifty pages allotted to this department form a complete medical book, and are quite as valuable as nine-tenths of the books of this kind sold. Herein are given simple yet reliable home remedies for all the common complaints to which mankind is subject, and the information thus gained will be found to save many dollars in doctor's bills annually.

**The Toilet.**—The teeth, hands, hair, breath, lips, skin and complexion are treated under this heading; directions are given for removing all blemishes from and beautifying the same, likewise recipes for various kinds of perfumery, etc., etc.

**The Laundry.**—Directions for washing all kinds of fabrics and garments, for making washing machines, clothes bars, clothes sprinklers, washing fluids, starch enamels, and much other information of great value will be found in this department.

**Hints and Hints.**—This department is in itself a complete cyclopaedia of valuable and useful household information, worth more than the price of the book to every housekeeper. It is filled with facts, hints and suggestions upon such a variety of topics that we have not space to enumerate even a portion of them.

1. Thirty cents worth of Flower Seeds will be give free with the book for One Dollar.
2. The above book will be given free as a Premium. Any person sending us an order for Flower Seeds of your own selection in 5, 10 and 25 cent packets to the amount of Two Dollars, mailed free with Premium Book.
3. rd. Premium. By sending us three dollars with the order you can select vegetable seeds amounting to three dollars and be wanted with the vegetable seeds amounting to said three dollars they will be sent by Express or Freight as requested.

# Leading Specialties in Vegetable Seeds.

The annual offerings of supposed new sorts are large, but the real increase of standard varieties is comparatively small. Everything that is of any apparent value is bought and subjected to rigid comparison; if valuable, our customers will find it in our next season's catalogue. The quality and permanency of the specialties we have listed prove the truth of our assertions regarding specialties. The standard varieties are also subjected to careful examination in order that their purity and value may be maintained. The sources of supply are noted, and we are thus enabled to prove which section produces the best of any given article.

## ✓ *New Eclipse Beet.*

**ECLIPSE.** The Eclipse is remarkable, not only for its wonderfully rapid growth, but also for the smallness of top and extra fine quality. It is early as the Egyptian, and of better quality. The roots grow perfectly smooth, of round shape, intense blood-red skin and flesh fine grained and sweet. Its small top, extreme earliness, and heavy cropping qualities, recommend it to market gardeners. Pkt. 5 cts.; oz. 10 cts.  $\frac{1}{2}$  lb 25 cts. lb. 90 cts.

## *PHILIPS'* American Sickle, Bean. Pole.

**THE AMERICAN SICKLE,** is certainly a distinct variety; which we now have grown for several years, in the past so that we might give it fair trial before introducing it. We now introduce this new variety to the trade for the first time. And we find it the *best* green podded Pole Bean we have ever grown, and we are convinced that it *cannot* be praised to highly. It is a good grower and exceedingly prolific bearer. The long pods being produced all over the vines in great clusters, the handsome green pods grow from 6 to 9 inches long, perfect in shape which are *very fleshy* and are of a superb quality. If shipped to market, they will keep better than the wax sorts; while their fine quality always command the highest prices of all green podded Pole Beans.

Pkt. 15 cts. 8 pkts. for \$1.00.

## Lazy Wife's Pole Bean

We presume it derived its name, which seems to us rather discourteous, from its immense productiveness, making it very easy to gather a dish, and from the ease with which they are cooked. The pods, of a medium, dark-green color, are produced in great abundance, and measure from 4 to 6 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless quality until nearly ripe, and at all stages are unsurpassed for snap short, being peculiarly luscious. Each pod contains from 6 to 8 round white beans, which makes excellent winter shell beans. The plant sticks well to the poles; and the vines are covered with clusters of handsome pods. Pkt. 15 cts.; pint 30 cts.



American Sickle.

## Henderson's Succession Cabbage.



HENDERSON'S SUCCESSION.

When the Succession Cabbage was named it would succeed the Early Summer, but have been surprised and pleased to find a number of persons, after giving it a fair test report that it is just as the Early Summer and twice its size. While Mr. Henderson Says he believes that in most sections it will prove a few days later than the Early Summer, but its greater size and weight will render it more valuable. Although this variety will be largely grown to come in for mid summer use, it will also be most valuable as a fall or winter variety, as its firm, solid heads make it an excellent keeper.

Pkt 10 cts.; ¼ oz 25 cts.

## CELERY.

### Golden Self-Blanching.

A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high banking up as the ordinary sorts to be fit for the table. It needs simply a slight earthing up. It is of a beautiful waxy golden color, very solid and of rich nutty flavor. (See Cut.) Pkt. 10 cts. oz. 25 cts.



GOLDEN SELF-BLANCHING.

## CORN.

### Extra Early Cory.

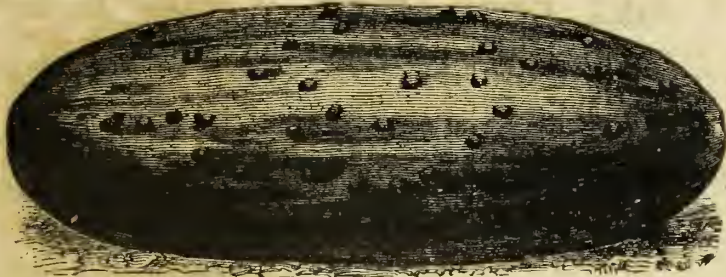
The Earliest of all Sweet Corn.

Every gardner will appreciate the great value of the Cory Corn when we state that the ears are *larger* than either the Marblehead or Minnesota, and that they are *ready to market from 5 to 10 days before the Extra Early Marblehead*, which heretofore has been the earliest sweet corn grown.

The ears not only larger in size and more handsome in appearance than the Marblehead, but they are also much sweeter and finer quality. In our opinion, The Cory Corn is bound to supersede all other early sorts. Pkt. 10 cts.; qt. 25 cts.; ¼ bu. \$ 1.00.



## Nichol's Medium Green Cucumber.



**Nichol's Medium Green.** We consider this variety the most valuable sort that has been introduced since the advent of the Green Prolific variety. As a pickle sort Nichol's Medium Green will be found unequalled, and for early forcing purposes or for slicing, there is no better variety. It is exceedingly productive, of medium size and always straight and smooth. The color is dark green, the flesh tender and crisp. (*See Cut.*) Pkt. 10 cts.; oz. 15 cts.; lb. \$1.25.

## MELON - MUSK. THE EMERALD GEM.

The Emerald Musk Melon is certainly the most distinct and the same time the most deliciously flavored Melon we have ever come across. It is a very early and prolific variety, with a skin which, while it is ribbed, is perfectly smooth and of a deep emerald green color. The flesh, which is thicker than in most other melons, is of a suffused salmon color, exceedingly sweet and delicious; in fact, the variety is so thick meated that it yields but little seed. Those seeking a Musk Melon for quality alone will find all they are looking for in the Emerald Gem Pkt. 5 cts. oz. 15 cts.

## Extra Early Hackensack.

The Hackensack has long been the leading variety of canteloupe Melons grown in New Jersey for the Philadelphia and New York markets. This new variety has the features of the old sort, but is from 8 to 10 days earlier, a very important advantage when growing for market. The Melons are of good size, averaging from five to ten pounds each. Pkt. 5 cts. oz. 15 cts.



EXTRA EARLY HACKENSACK.

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## CORN. Golden Beauty.

The ears of perfect shape, with from 10 to 16 straight rows of bright golden grains of the largest size, which are filled out to the extreme end of the cob. Matures as early as most of varieties of Golden Dent, and surpasses all in size, appearance and productiveness. It has produced 100 bus. of shelled corn under ordinary culture in Penn'a.

Pkt. 10 cts. qt. 15 cts. peck 75 cts.

**PHILIPS'****First and Best Peas.**

The earliest and most prolific variety. This sort has given the best results wherever grown and is a standard for earliness and quality. It is an even cropper and can be gathered clean in two pickings. This is an important item when the space is wanted for repeated cropping. For a late fall crop it has few equals, and is the market gardener's favorite for all the seasons; height 20 in. Pkt. 10 cts. qt. 30 cts. peck \$2.00.



FIRST AND BEST.

Pkt. 5 cts.; oz. 30 cts.; lb. \$2.00

**IMPROVED MAMMOTH****Sandwich Island Salsify.**

A new and improved type of this excellent vegetable. It produces roots of nearly double the size and weight of the old variety, and of equally good quality. Although of recent introduction, it has been extensively grown for the markets of the large cities, and in such instances has entirely superseded the old sorts. Pkt. 5 cts.; oz. 30 cts.; lb. \$2.00



IMPROVED RUBY KING.

**Improved Ruby King  
Pepper.**

An exceedingly large and handsome Pepper; the fruits are of a bright ruby red, from 4½ to 6 inches long by 9 to 12 inches in circumference, which makes it one of the largest of Peppers. The flavor is remarkably mild and it can be sliced and eaten with salt and vinegar like tomatoes and cucumbers, or it can be used as a salad. (See Cut.)

Pkt. 10 cts. oz. 30 cts.

**Early Puritan  
POTATO.**

*A grand new white-skinned and white-fleshed sort. An immense yielder, and of splendid quality. The greatest Potato introduced since the Early Rose.*

But the chief value of the EARLY PURITAN POTATO lies in its great productiveness; planted under exactly the same conditions, it has thus far yielded nearly double that of the Early Rose and Beauty of Hebron. It possesses several other characteristics of value. It ripens as early as the Early Rose, but, unlike that variety, the tubers when half grown are wonderfully dry and fit for the table. It cooks dry and floury, and is equal in quality to that of the Snowflake, than which there can be no higher standard to compare by. The vines also are more vigorous than those of any other early variety we are acquainted with. Per lb. 25 cts.; peck 50 cts.; bu. \$1.50.

## **TOMATO.** **Volunteer.**

One of the most valuable new varieties. It is of large size, very smooth, and without any hard core or centre. The color is the most desirable that can be had in a Tomato — that is, a dark rich shade of scarlet crimson. Very early and an abundant bearer. A grand sort for either family or market use. Pkt. 10 cts.; oz. 30 cts.



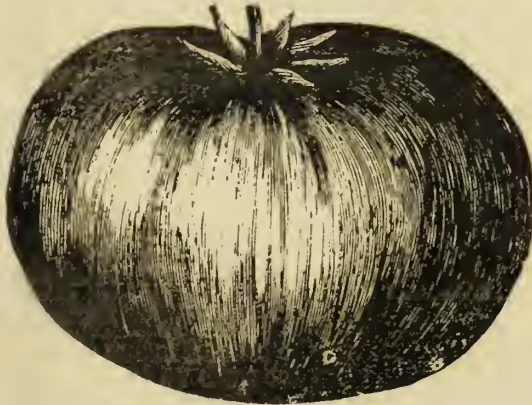
**VOLUNTEER.**

## **DWARF CHAMPION TOMATO.**

Entirely distinct from any other sort. The plant grows stiff upright, with very thick and short-jointed stems. This compactness of growth it retains, in all stages, throughout the season. It can be planted as close as three feet, and still allow sufficient space to gather the fruit without inconvenience. The foliage is a very dark green in color, thick and corrugated. It has proven itself remarkably early, ripening fruit as early as July 1st. It will yield double the quantity of extra-early fruit per acre that can be obtained from any other Tomato. This is an important item, considering that the very early fruit always realize high prices.

Pkt 10 cts.; 12 for \$1.00 oz. 50 cts.

## **The Mikado or Turner's Hybrid Tomato.**



**MIKADO OR TURNER'S HYBRID**

A new variety of immense size, perfect solidity and unsurpassed quality. Whether for slicing or for cooking. The quality is most excellent. The tomatoes are borne in clusters of 4 to 7, ripen evenly, and remain firm when fully ripe.

In color and solidity it resembles the Trophy. The foliage of the Mikado Tomato alone will show the distinctiveness of the variety, for it differs from that of any other that has come under our observation, while in all others the leaves are cut or serrated. Pkt. 5 cts.; oz. 30 cts.; 1 lb. \$1.00.

# VEGETABLE SEEDS



All leading and meritorious varieties are herein described, and also such introductions of late years as have proven valuable. The descriptions here given are accurately written, and principally from our own experience.

## LIBERAL DISCOUNT ON SEEDS IN PACKETS.

On all ORDERS for SEEDS IN PACKETS the purchaser may select TWENTY-FIVE CENTS WORTH EXTRA for each ONE DOLLAR sent us. Thus any one sending us \$1.00 can select seeds in packets amounting to \$1.25; for \$2.00, seeds in packets to the value of \$2.50; and so on. Please kindly favor us by telling your friends of our liberal offers. This discount applies only to seeds in packets, and cannot be allowed on orders by weight or measure. Neither does it apply to our COLLECTIONS of Vegetable and Flower Seeds, the prices of which are net. *Postage Stamps accepted the same as cash.*

### ASPARAGUS.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart and 2 feet in the rows, spreading the roots, and covering from 6 to 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt.

**Conover's Colossal.** Now the standard variety, of large size, excellent quality, and very productive. Pkt., 5 cts.; oz. 10 cts.;  $\frac{1}{4}$  lb. 30 cts.

### BEANS.

*BUSH, DWARF or SNAP-SHORT.*

All the varieties of this class are tender, and will not bear the cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for succession, finishing about the 15th of August.

The best mode of culture is in rows 2 feet apart, and the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to their stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop. ~~is~~ Add 15 cts. per qt. extra if to be sent by mail.

## BEANS, Dwarf Continued.

**Imp. Early Red Valentine.** One of the leading market sorts, pods round, fleshy, tender, remaining longer in green state than most varieties, good for pickling.

Pkt. 10 cts. qt.; 30 cts.; peck \$1.25

**Early Six Weeks.** Long seeded, hardy and prolific; seeds pale yellowish drab, with an olive-green line about the eye. Pkt. 10 cts.; qt. 30 cts.

**Early Mohawk.** one of the hardiest and most productive of the dwarf varieties; seeds, variegated with drab, purple and brown. Pkt. 10 cts.; qt. 30 cts.

**Early Red Eyed China.** Very early and fine quality; seeds white, colored and spotted about the eye with purplish red. Pkt. 10 cts.; qt. 30 cts.



PROLIFIC TREE BEAN.

**Prolific Tree Bean.** This variety, for field culture on rich soil, is very prolific; it grows to the height 18 to 20 inches, branching in all directions. One plant known to bear 399 full sized pods in Ohio. The pure white seed somewhat resembles the common Navy bean, but more rounded. Pkt. 10 cts.; qt. 30 cts.



IMP. EARLY RED VALENTINE

### Golden Pods or Wax Sorts.

**Golden Wax.** This variety is earlier than the Black Wax; pods long, brittle, entirely stringless, of a rich golden color; as a snap-short it excels all others in rich, buttery flavor, while as a bean for winter use it has few equals.

Pkt. 10 cts.; qt. 35 cts.; peck \$1.50

**Black Wax.** When ripe pods are yellow, averaging 7 inches in length, very tender and of the best quality. Seeds when ripe glossy black. Pkt. 10 cts.; qt. 35 cts.

**Early White Wax.** A variety similar in every respect to the "Black Wax," except in color which is pure white. Pkt. 10 cts.; qt. 35 cts.

**Crystal White Wax.** A very distinct white seeded sort, with waxy, transparent pods. It is stringless, crisp, tender, and of the richest flavor. The pods, though quick to develop, are slow to harden—retain their tenderness on the bush longer than any other sort. Pkt. 10 cts.; qt. 35 cts.



DWARF MONT D'OR BEAN.

**Mont D'or.** The earliest of the dwarf sorts, and a variety less liable to rust than any other. It is prolific, at times over 20 pods four to five inches long can be counted on a single plant. Has golden yellow pods of tender and most excellent flavor. Market

gardeners particularly will find it a most profitable sort to grow on account of its extreme earliness, beautiful pods, and vigorous growth. pkt. 10 cts.; qt. 40 cts.

**BEANS - Pole or Running.**

If warm, dry weather, plant about the middle of May, for an early crop, and about the first of June plant Limas and the other sorts for the principal crop. Plant in hills, about 4 feet apart, and 2 inches deep. Manure freely.



GOLDEN WAX  
FLAGEOLET.

**Philips' American Sickle.** (See *Specialties Page 3*)  
Pkt. 15 cts.; 8 pkts. \$1.00

**Lazy Wife's.** (See *Specialties Page 3*) Pkt 15 cts.;  
pt. 30 cts.; qt. 50 cts.

**Early Duch Case Knife.** This is one of the earliest and the most prolific sorts, having long, flat pods with white seeds, which are good green or dry. Pkt. 10 cts.; qt. 40 cts.

**German Wax.** (Black seeded;) pods of a fine, waxy semi-transparent white color; crisp tender and succulent, and continuing so longer than most other sorts. Pkt. 10 cts.; qt. 40 cts.

**Giant Wax.** Pods six to nine inches long; clear, waxy yellow; thick and fleshy; very productive; when cooked, tender and delicious, seeds red when ripe. Pkt. 10 cts.

**Large White Lima.** With nearly every one the seeds, either green or ripe, of this variety are considered the most tender and delicious of all the bean family, and it is therefore universally grown both for market and family use. The ripe seeds are a flattish kidney shape, and have a dull white color. Pkt. 10 cts.; qt. 35 cts.

**Scarlet Runner.** This variety grows fifteen feet high, has flowers of brilliant scarlet, and is generally cultivated as an ornamental climber. Pkt. 10 cts.; qt. 40 cts.

**New Golden Wax Flageolet.** This new and prolific Golden Wax Pole Bean, which presents a magnificent sight, in growth, the vines being crowded with bunches of the long, handsome pods are 7 to 10 inches, of a rich, golden yellow color; round, fleshy; entirely free from strings and of superb quality. The vines while quite young, produce the pods in great abundance near the ground, as early as any dwarf wax bean, and earlier than any other pole bean. The vines continue to grow and bear profusely the entire season. In fine quality, extreme earliness and everbearing character, this Pole Bean is unique and cannot be too highly recommended. Pkt. 10 ct.; qt. 40 cts.

**B E E T .**

Sow as early in the spring as the ground can be worked, and every two weeks after for succession, up to the first week of July. For general crop sow about the middle of May. The soil should be light sandy loam, well enriched with stable manure, and plowed and harrowed until very fine. Sow in drills 12 to 15 inches apart and when well up, thin from 4 to 6 inches.

## BEET Continued.

✓ **Early Eclipse.** (See *Specialties*, Page 3.)  
Pkt. 5 cts.; oz. 10 cts.; lb. 90 cts.

✓ **Early Egyptian Turnip.** A standard sort, being from 10 to 12 days earlier than the old Blood Turnip. The roots are large in size and of rich, deep crimson color. From the smallness of the tops the Egyptian at least one-fourth more can be grown on the same space than any other variety. Pkt. 5 cts.; oz. 10 cts.; lb. 90 cts.

✓ **Early Bassano.** Roots flat, turnip-shaped flesh pale red, circled with bright rose color. A few days later than the Egyptian; grows to a good size on light soil, very tender and juicy. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts. **EARLY EGYPTIAN TURNIP.**

✓ **Early Blood Turnip.** Is the most popular, but ten days later than the above variety, flesh deep blood-red, very sweet and delicate in flavor, and, as a market variety, it is superior to all; it is adopted for either Summer or Winter use. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts.

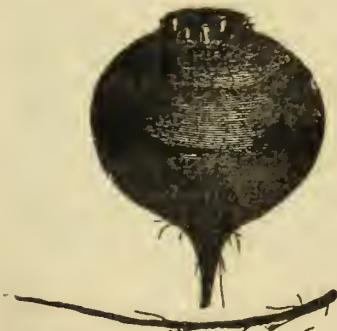
✓ **Dewing's Improved Blood Turnip.** Fine turnip form, very symmetrical in shape, and free from any fibrous roots. Flesh deep blood-red, very tender and sweet; grows uniformly to a good size. Excellent for table. Early, and when sown late, desirable for winter. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts.

✓ **Long Blood Red.** The best strain of long, dark red beet in the market and especially desirable for fall or winter use. Excellent as a feed for cattle, as 12 tons have been grown to the acre. In quality, sweet and tender. Shape long smooth and about  $\frac{1}{4}$  above the ground. Color, a rich carmine red. Resists drought better than any other. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts.

✓ **French White Sugar.** This grows to a large size, part above ground; roots medium length, white; leaves green; considerably grown in this country for feeding. Cultivated extensively for manufacture of sugar. Pkt. 5 cts.; oz. 10 cts.; lb. 60 cts.

✓ **Mammoth Long Red; Mangel Wurzel.** This is the most celebrated English Variety, producing roots of prodigious size, immensely productive, and keeps as solid as a rock until late in the spring. Pkt. 5 cts.; oz. 10 cts.; lb. 60 cts.

✓ **Golden Tankard, Mangel Wurzel.** Tops comparatively small, with yellow stems and mid-ribs; neck very small; roots large, ovoid, but filled out at top and bottom, so as to approach a cylindrical form. Flesh yellow, zoned with white. Worthy of a trial on every farm. Pkt. 5 cts.; oz. 10 cts.; lb. 50 cts.



EARLY BLOOD TURNIP.



EARLY BASSANO.



GOLDEN TANKARD

## Borecole, or Kale.

This variety of the Cabbage tribe is known as early greens, or Kale. Sow the seeds in the Spring, and transplant with the late Cabbage in early Summer; the leaves are fit for use as soon as they get a touch of frost. To preserve them during early Winter, treat them the same as Cabbage; the seed can also be sown in Sept. transplant like Cabbage, and they will continue growing all Winter.



**Dwarf German Kale, German Greens or Sprouts.** (*Dwarf Curled Scotch Kale.*) This is more hardy than Cabbage, and makes excellent greens for winter and spring use. The leaves are curly, bright green, very tender and delicate in flavor, and will remain over winter any place where the temperature does not fall below zero. It is most tender after being bitten by a sharp frost. Pkt. 5 cts.; oz. 15 cts.

## CABBAGE.

There is no vegetable which is more universally cultivated, than the Cabbage. It is found in the poorest and smallest garden and it responds so readily to better care, that it claims a place in the finest garden, and the attention of the most skillful gardeners. Sow the early sorts in Autumn and protect by a cold-frame during the winter, transplant early in Spring, or in hot-bed during Feb. or March, and transplant middle of April; or sow in the open ground, as early in the Spring as the ground can be worked. Sow for late crop in Apr. and May. They should be sown in shallow drills, 4 to 6 inches apart. When the plants are 6 inches high transplant into *richly manured* ground, the early kinds 2 feet apart; the later kinds for winter use, 3 feet apart. The ground should be deeply loosened and worked thoroughly to grow large and good heads.



**Henderson's Succession.** (*See Specialties, Page 4.*) Pkt. 15 cts.;  $\frac{1}{4}$  oz. 30 cts.;  $\frac{1}{2}$  oz. 50 cts.

**Extra Early Etampes.** It is about 10 days earlier than any other cabbage; the heads are oblong rounded at the top, very solid and firm, while it seldom fails to head. The heads are of medium size, and of very fine quality. Pkt. 5 cts.; oz. 20 cts.; lb. \$2.00.

EARLY ETAMPES.



**Selected Early Jersey Wakefield.** Unquestionably the best early Cabbage in cultivation. It possesses the merit of large size of heads, small outside foliage, and uniformity in producing a crop. About 12,000 can be planted on one acre. Pkt. 5 cts.; oz. 25 cts.; lb. \$3.00.

**Henderson's Early Summer.** Heads about 10 days later than the Jersey Wakefield, but being over double the size, it may be classed as the best large early Cabbage. In weight it is equal to most of the late varieties, and its short outer leaves enable it to be planted as close as the Jersey Wakefield, about 12,000 to the acre, while the Early Flat Duch, Winningstadt, ect., producing no larger heads, can only be grown at the rate of 8,000 to the acre. Pkt. 5 cts.; oz. 25 cts.; lb. \$3.00.



CABBAGE, Continued.



TRUE EARLY WINNINGSTADT.



EARLY LARGE YORK.



EARLY FLAT DUTCH.

**True Early Winningstadt.** This has become one of the most popular varieties; there is no early sort which heads with greater certainty, or more solid; the heads are of good size, cone form, broad at the base, and twisted at the top, and succeeds the Large York. To those who have never tried this variety, we say by all means, plant it; it is invaluable for either market or family use. Valuable not only for early use, but also for winter cabbage. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.



EARLY FRENCH OXHEART.

**Early York.** A very valuable early variety, heads small, rather heart-shaped, firm and tender; of very dwarf growth, and may be transplanted 15 to 18 in. apart. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.

**Early Large York.** Succeeds the Early York, and is equally as desirable. It is of larger size, about ten days later, more robust, and bears the heat better. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.

**Early Flat Dutch.** Heads medium size, solid, flat on the top; grows low on the stump, and is of good flavor. Pkt. 5 cts.; oz. 20 cts. lb. \$2.00.

**Early French Oxheart.** Grows low on the stump, and heads very close and firm; color, yellowish green. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.

**Early Drumhead.** The best early Flat Dutch for market; either as a second early or late; short stem, large solid heads. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.

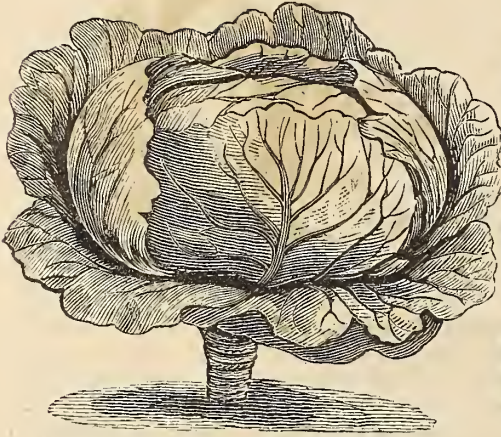


PREMIUM LARGE LATE FLAT DUCH.



LARGE LATE DRUMHEAD.

## CABBAGE, Continued.



MARBLEHEAD MAMMOTH DRUMHEAD.



SURE-HEAD



FOTLER'S IMPROVED BRUNSWICK. lb. \$1.50.

**Fotle's Improved Brunswick.** A very desirable variety, with a very short stem, producing large, solid heads, frequently weighing twenty pounds; is earlier than the Premium Flat Dutch. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.

**Premium Large Late Flat Dutch.** As a variety for winter it has no superior, and is more extensively grown than any other. It possesses all the good qualities, and is a sure header. With good cultivation, on good and moist ground, ninety five in a hundred will head up hard and fine Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.

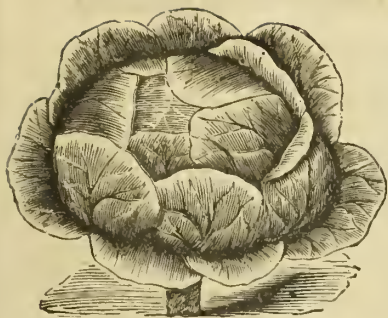
**Sure-Head.** Produces large, round, flattened heads, of the Flat Dutch Type, and is remarkable for its certainty to head. It is always sure to head even where other varieties fail. The heads, are remarkably uniform, very hard, firm and fine in texture, and ordinarily weight from 10 to 15 lbs. each. It is very sweet flavored, has scarcely any loose leaves, keeps well, is good for shipping, and and is just the variety and quality to suit market gardeners, farmers and all lovers of Cabbage. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.

**Large Late Drumhead.** This is a large fall and winter variety, with flat heads; very compact and of a lightish green. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.



FILDERKRAUT.

**Stone Manson.** An improved variety of the Drumhead; heads flat and solid, stems short and small, quality sweet, tender and rich; a profitable market sort. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.

**CABBAGE Continued.**

STONE MASON.

**Red Dutch.** This sort is principally used for pickling, and is sometimes sliced in salads; it is an excellent dish when boiled; the heads is of medium size, very solid, of a heart-shaped, and of a red, purplish color. The darker the color and the more thick and fleshy the leaves, the more valuable; it is in perfection from October until Christmas. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.00.

**Savoy Cabbages.**

**Early Dwarf Elm.** One of the earliest and sweetest of the Savoys. Heads, round, solid; leaves, small, thick, fleshy, of fine, deep green color, and of most excellent quality. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.



IMPROVED AMERICAN. lb. \$1.75.

**Marblehead Mammoth Drumhead.** This is without doubt, the largest variety of the Cabbage family in the world. We have grown them to weigh 24 pounds; single specimens have been grown to weigh 60 lbs. Quality very tender, sweet and excellent. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75

**Filderkrant.** A German variety, which has proven in this country to be one of the most valuable sorts. It is equally good for early or late use, and heads up hard, with few side leaves. This variety is used in Germany, in the manufacture of "Kraut." Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.



LARGE DRUMHEAD

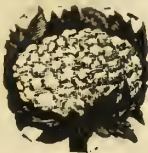
**Improved American.** Closely resembling the Cauliflower in delicacy and delicious flavor. The best of all Savoys for general market or home use. It has a short stump, grows to a large size, is compact and solid, and is a sure header. Pkt. 5 cts.; oz. 20 cts.; lb. 1.75.

**Large Drumhead.** Very tender and excellent for Winter. The Savoys approach nearer the delicious richness of the Cauliflower than any other Cabbage; heads large and finely curled; short stalk and compact grower, an excellent keeper. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.

**CAULIFLOWER.**

For the spring and summer crops, sow the early sorts the last of winter, in hotbed, and transplant into the open air as soon as the ground can be worked. For the late, autumn crop, sow the late kinds about the middle of spring, and transplant like winter Cabbage. In dry weather, water freely, and as they advance in growth, hoe deep, and draw earth to the plants. After they begin to head, they should be watered every other day, and the leaves gathered and pinned over the heads to protect them from the sun and keep them white.

**Early Snowball.** Highly esteemed by market gardeners for its earliness, reliability as a sure header. Tested with all other varieties, it has proven to be as early, if not earlier than any other sort. Its hardiness, sure heading and compact growth, make it one of the best for forcing or wintering over. Pkt. 10 cts.;  $\frac{1}{2}$  oz. \$1.50.



## Cauliflower Continued.

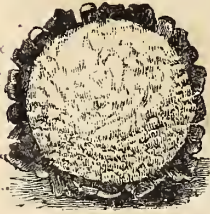


Extra Early Dwarf Erfurt.

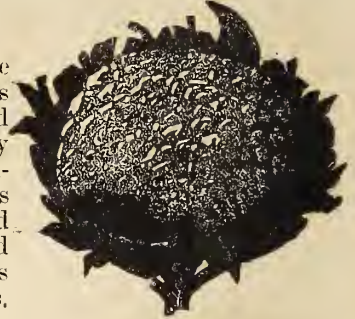
**EXTRA EARLY PARIS.** Heads large, white, compact and solid; of excellent flavor, tender and delicious. Leaves large, stalk short. Being so early, it must always be a favorite, especially with market gardeners. Pkt. 5 cts.; oz. 75 cts.

**EARLY Dwarf Erfurt.** An extra early sort, much prized in Germany for early market use. Scarcely a plant fails to produce a good head. It is of a dwarf habit, compact growth, short outside leaves, and can be planted 20 inches apart each way. The best for market and family use, and can be entirely relied upon, as the seed is selected with extra care, by one of the most careful growers in Germany. Pkt. 5 cts.; oz. \$1.25.

**LeNormand's Short Stemmed.** A large late variety, with well formed heads of superior quality. Considered by the French one of the very best sorts. Plants hardy, semi-dwarf, producing many leaves which protect the close, solid curd, keeping it well protected by the leaves, hardy and stands dry weather. Pkt. 5 cts.; oz. 75 cts.



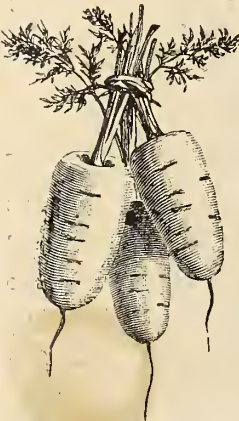
Early Paris



LeNormand's Short Stemmed.

## CARROT.

Sow as early as the ground can be worked for early crop; for main crop sow from the middle of May till the last of June. Rows 10 inches apart; 7 to 8 inches in the row. Soil, light, sandy loam, richly manured and deeply dug.



Early Half-Long.

**EARLY HALF-LONG SCARLET.** This has always been the general favorite for an early crop; it is of a bright orange color, of delicate flavor, and will grow in less depth of soil than any other variety, owing to the shortness of the roots; the seed which we grow has a great reputation among market gardeners for its fine flavor, high color and beautiful form. Pkt. 5 cts.; oz. 10 cts.; lb. 1.00.

**Improved Long Orange.** A well known standard sort. Roots long, thick near the crown, tapering regularly to a point; color deep orange; suitable for the table and main field crop. It requires a deep soil, and the plants should stand eight inches apart, in eighteen inch drills, for the roots to attain their full size. Pkt. 5 cts.; oz. 10 cts.; lb. \$1.00



Improved Long Orange.

# C E L E R Y .

Plant seed in hot-bed or very early in open ground. Set the plants 6 to 12 inches apart in rows, the rows 4 to 6 feet apart, trenches 1 ft. deep and well manured. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots.



WHITE PLUME.



DWARF LARGE RIBBED.



GOLDEN HEART.

**Golden Self-blanching.** (See *Specialties Page 4*) Pkt. 10 cts.;  $\frac{1}{2}$  oz. 25 cts.

**White Plume.** This new Celery is valued because, naturally, the stalks and portion of its inner leaves and heart are white. By simply tying up the stalks and drawing up with the hoe, the work of blanching is complete. It is ornamental, tender, crisp and of good flavor, and very early. Pkt. 5 cts.; oz. 25 cts.; lb. \$3.00.

**Dwarf Golden Heart.** A very popular and distinct variety. In habit of growth it resembles the Half Dwarf White sorts, except that when blanched the heart, which is large and full, is of a waxy, golden yellow. It is a most striking and showy variety, for either market or private use. It is entirely solid, of most excellent flavor, and keeps well during the winter. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.50.

**Dwarf Large Ribbed.** This excellent variety is very stocky robust, the whole strength of the vegetation being concentrated into the main plant. The stalks are most vigorous, and the ribs grow very large and solid. It is perfectly solid, white, nearly self-blanching of a fine, sweet flavor, and of extra good keeping quality. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.50.

**Large White Solid.** The best strain of Large White Solid Celery, and a most imposing variety. It attains a very large size, is of quick growth, stiff, close habit, remarkably solid, blanches perfectly white, of fine flavor, crisp, and very tender. It is a very showy and handsome variety for market. Pkt. 5 cts.; oz. 15 cts. lb. \$1.50.



BOSTON MARKET.

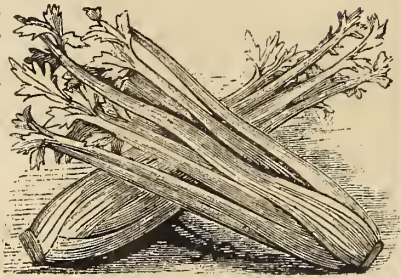
ite, of fine flavor, crisp, and very tender. It is a very showy and handsome variety for market. Pkt. 5 cts.; oz. 15 cts. lb. \$1.50.

## Celery Continued.

**Boston Market.** A favorable variety, remarkable for its tender, crisp and succulent stems and its peculiar fine flavor; it is grown almost exclusively by Boston market gardeners. Pkt. 5 cts.; oz. 15 cts. lb. \$1.50.

**Henderson's Rose.** Very solid and an excellent keeper. The red varieties of Celery are generally better flavored than the white. Pkt. 5 cts.; oz. 30 cts. lb. \$3.50.

**Celery Seed.** For flavoring. Per oz. 5 cts. lb. 40 cts.



HENDERSON'S ROSE.

## CORN.

**Sweet or Sugar.** The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm, and for succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill, or plant in rows 4 feet apart, and to stand 8 inches apart in the rows.

The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill. Add 15 cts. per qt. extra, if to be sent by mail.

**Extra Early Cory.** (See Specialties page 4) Pkt. 10 cts.; qt. 25 cts.;  $\frac{1}{2}$  bu. \$1.00.

**Early Marblehead.** Next to the Cory the earliest of all Sweet Corn. In appearance it resembles the better known Early Narragansett. The stalks is dwarf, and it sets its ears very low down, which are of fair market size. Pkt. 10 cts.; qt. 30 cts. pk. \$1.50

**Early Minnesota.** Very early and desirable alike in the market or family garden. Height not over 4 $\frac{1}{2}$  feet; ears of fair size and good quality. Pkt. 10 cts.; qt. 30 cts. peck \$1.50.

**Stowell's Evergreen.** This variety is more largely planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of large size, grains deep, exceptionally tender and sugary and remain for a long time in an edible condition. This variety, with one or two of the early varieties for a succession, is necessary to every garden. Our stock is very fine and specially recommended to truckers and canners. Pkt. 10 cts. qt. 25 cts. peck \$1.00 bu. \$3.50.

**Mammoth Sweet.** The largest variety, and late; twelve to sixteen-rowed; cob white, large and well filled; very productive, and fine flavored. Pkt. 10 cts. qt. 25 cts. peck \$1.00.

**STOWELL'S EVERGREEN. POP CON. Rice for Parching.** A very handsome variety; ears short; kernels long, pointed, and resembles rice; color white; very prolific; used entirely for parching, for which purpose it has no superior. Pkt. 10 cts.

**Golden Beauty.** (See Specialties page, 5) Pkt. 10 cts.; qt. 15 cts.



**Cress or Peppergrass.**



Sow early in spring, very thickly, in shallow drills. The sowing should be repeated at intervals, as it soon runs to seed.

**Curled.** This small salad was formerly much used with lettuce, to which its warm pungent taste makes a most agreeable addition. Pkt. 5 cts.; oz. 15 cts.

**C U C U M B E R .**

Plant when all danger of frost is over, in well prepared hills four feet apart each way. When all danger from insect is past, thin out to three or four plants in a hill. A shovelfull of manure mixed in a hill before planting will greatly increase the crop. The fruit should be picked frequently to keep the vines productive.

**Nichol's Medium Green.** (*See Specialties page 5*) Pkt. 10 cts.; oz. 15 cts.

**Early Russian.** The earliest in cultivation. It sets in pairs, and the first blossoms usually produce fruit; flavor pleasant and agreeable. Pkt. 5 cts.; oz. 10 cts. lb. 90 cts.

**Early Cluster.** A much esteemed early variety, growing in clusters, and extremely productive. Its color is bluish green, shading lighter at the extremities. Pkt. 5 cts. oz. 10 cts. lb. 75 cts.

**Early Short Green or Early Frame.** Plants very vigorous and productive. Fruit straight, handsome, smaller at each end, bright green, lighter at the blossom end, with crisp, tender flesh, and when young, makes excellent pickles. Pkt. 5 cts. oz. 10 cts.



EARLY RUSSIAN.

**Boston Pickling or Green Prolific.** A new variety; selected with great care by one of the largest growers of pickling Cucumbers in the country; with good culture, 200,000 can be grown on an acre. Pkt. 5 cts. oz. 10 cts.

**Early White Spine.** The best sort for the table; the fruit, in turning white at maturity, retains its fresh appearance much longer than any of the yellow varieties; on this account it is a favorite with market men; good for forcing and a great bearer. Pkt. 5 cts. oz. 10 cts. lb. 80 cts.



EARLY SHORT GREEN OR EARLY FRAME.

**Improved Long Green.** Produced by selection from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit about twelve inches long, firm and crisp, with very few seeds. The young fruit makes one of the best of pickles for sweet pickles. Pkt. 5 cts. oz. 10 cts. lb. 90 cts.



IMPROVED WHITE SPINE and when ripe is the best of any

**Gherkin or Burr.** A very small, oval shaped, prickly variety. It is grown exclusively for pickling; is the smallest of all the varieties and should always be pickled when very young and tender. The seed is slow to germinate. Pkt. 5 cts. oz. 15 cts.



IMPROVED LONG GREEN.

## EGG PLANT.



The Egg Plant will thrive well in any good garden soil but will repay good treatment. The seeds should be sown in hot-beds or warm green-house in March or April, and when about an inch high put in two-inch pots. Plant out about June 1st, two and a half feet apart. If no hot-bed is at hand, they can be grown in any light room where the temperature will average 75 degrees.

**Early Long Purple.** This is one of the earliest and most productive varieties; fruit long, dark rich purple and  
 [[N. Y. IMPROVED LARGE PURPLE. of fine quality. Pkt. 5 cts. oz. 25 cts.

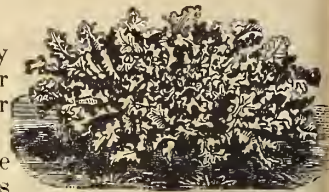
**New York Improved Large Purple.** The best variety in cultivation, being early, a sure cropper and of fine quality. Plants large, vigorous with light green leaves; fruit very large, oval, deep, purple, with occasional dash of green about the stem; flesh white, tender, and of superior quality. Pkt. 5 cts. oz. 40 cts.

## ENDIVE.

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August for a succession of crops; tie the leaves loosely together to blanch them.

**Moss Curled.** From the density of its foliage this variety is heavier than the Green Curled but is equally agreeable as a salad, and its appearance either green or blanched is particularly handsome. Pkt. 5 cts.; oz. 20 cts. lb. \$1.75.

**Broad Leaved Batavian.** Has thick, broad, plain or slightly wrinkled leaves. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.75.



MOSS CURLED

## KOHL RABI.

*Turnip Rooted Cabbage.*

Sow in light, rich soil, as early as possible, in drills 16 inches apart, and when well established thin to six inches apart in the row. One or two plantings at intervals of ten days will give a succession until hot weather when they fail to grow well; but plantings may be made the latter part of July for fall use.

**Early Purple Vienna.** This variety is the most largely grown for table use in Germany and Austria. The color is a bright purple, with the leaf stems tinged with purple. Pkt. 5 cts.; oz. 20 cts.; lb. 1.75.



## LETTUCE.

Lettuce requires a very rich soil and every appliance the skillful cultivator can give, in order to obtain that crispness, juiciness and delicate flavor, for which they are so much esteemed. Several sowings are requisite during the season.

**Tennis Ball Black Seeded.** Well formed heads, hardy and crisp; of excellent quality. One of the earliest heading varieties. Pkt. 5 cts.; oz. 15 cts.;



EARLY CURLED SILISIA.



**LETTUCE Continued.**

**Early Curled Silisia.** An early variety of very strong growth; leaves large light yellow, wrinkled. It makes a large, loose heads, of fair quality. Pkt. 5 cts.; oz. 15 cents.; lb. \$1.25.

**Simpson's Early Curled.** This variety, properly speaking, does not head, but forms a compact, close mass of leaves; the earliest and leading market sort. Pkt 5 cts.; oz. 15 cts.; lb. \$1.25.

**Simpson's Early Curled. (Black Seeded.)**  
A new and desirable variety of the Curled Simpson



SIMPSON'S EARLY CURLED.

Does not produce a solid head, but a compact mass of leaves, which are of a much lighter color than the ordinary Simpson, and forms heads double the size. It is not only a good forcing variety, but a desirable sort for early summer, as it stands the heat remarkably well. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.25.

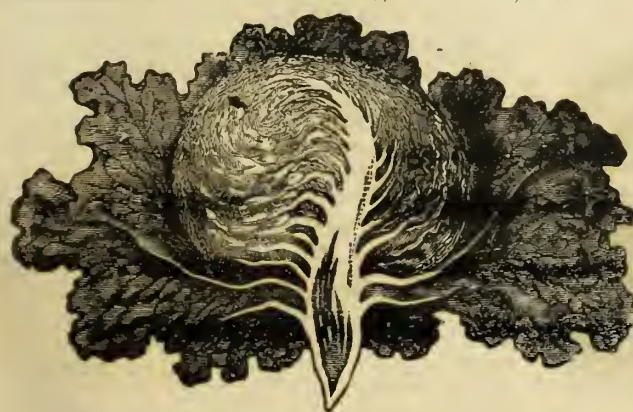
**Improved Large Hanson.** Heads very large, solid, sometimes weighing .2 to 3 lbs. tender, crisp and of fine flavor; color beautiful green outside and white within. Stands the summer heat well; and of very best in cultivation. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.50,



**NEW PERPETUAL.** **New Perpetual.** For family use this is one of the best lettuce, forming large, compact bushes, the leaves curling outward from the top, extra quality, being crisp, rich and tender, remaining fit to eat, and of the finest quality from 176 to 215 days, from one planting, Pkt. 5 cts.; oz. 15 cts.; lb. \$1.25.

**Boston Curled.** A variety of great beauty and of superior quality. The symmetry of its growth, and fine, elegant frilling of the leaves, render it highly ornamental. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.25.

**Early White Cabbage.** Produces fine, greenish-white, large heads, of extra quality, remarkably tender and crisp, sure to head, of quick growth. It is one of the best for forcing, and also for summer use, as it is slow to shoot to seed and resists the heat well. Pkt. 5 cts.; oz. 15 cts.; lb. \$1.40.



IMPROVED LARGE HANSON.

**Large Drumhead.**  
The largest of the heading lettuces. Plants very large forming an immense, loose head, bright green without and light green or white within. Leaves very large, strongly veined, coarse; but the inner ones are very crisp and tender. Pkt. 5 cts oz. 15 cts.; lb. \$1.30.

**Green Winter.** One of the best winter varieties; very hardy, the best for autumn sowing. Pkt. 5 cts. oz. 15 cts.; lb. \$1.30.

**MELON, Musk.**

Plant late in spring, in hills five or six feet each way, well manured with old rotten compost. A light, dry, sandy soil and a dry atmosphere are most suitable:

**GREEN NUTMEG**

ted, and deeply ribbed; flesh, deep green, rich, sweet, melting, and of delicious flavor. Pkt. 5 cts.; oz. 10 cts.; lb. 80 cts.

**Montreal Market.** Nearly round, flattened at the ends; deep, regular ribs; skin densely netted; flesh thick, and of delicious flavor. Pkt. 5 cts.; oz. 10 cts.; lb. 80 cts.

**Cassaba.** One of the largest and best Musk Melons in cultivation. Its usual weight, when well grown, is from twelve to fifteen pounds. Flesh, green, very sweet, melting and delicious. Pkt. 5 cts.; oz. 10 cts.; lb. 90 cts.

**Emerald Gem.** (See Specialties page 5)

Pkt. 5 cts.; oz. 15 cts.; lb. \$1.20.

**Early Hackensack.** (See Specialties page 5)

Pkt. 5 cts.; oz. 15 cts.; lb. \$1.20.

**Jenny Lind.** The earliest of the green-fleshed kinds and one of the sweetest. Small size, slightly ribbed; skin thickly netted and thin. Pkt. 5 cts. oz. 10 cts.; lb. 90 cts.

**Green Nutmeg.** It is regarded as the *ne plus ultra* of its species. It is of large size, thickly net-

**MONTREAL MARKET,****MELON, Water.**

The Water Melon is a tropical fruit, and can be produced to perfection only on warm, light soil; and under a bright, hot sun. Although the finest melons are produced on light, sandy, comparatively poor soil, a vigorous start for the young plant is necessary, and for this we need a hill of rich earth, similar to that for cucumbers. If very large fruit is desired, pick off all but a few melons.

**Phinnev.** A very early variety; medium and uniform size and of beautiful form. Flesh light red; very sweet. For an early melon for family use it has few superiors. Pkt. 5 cts.; oz. 10 cts.; lb. 70 cts.

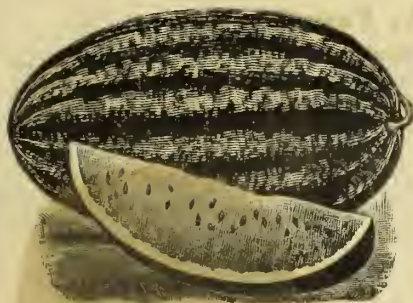
**KOLB'S GEM.**

light green are generally narrow and of a dull color. The flesh is bright red and

**Ferry's Peerless.** This is unquestionably the best water melon in cultivation.

Of medium size, thin rind, light mottled green; flesh, bright scarlet, solid to the centre, crisp, melting, and sweet as honey. Pkt. 5 cts.; oz. 10 cts.; lb. 80 cts.

**Kolb's Gem.** This new variety, first introduced in 1884, originated in Alabama. It is a hybrid of the Scaly Bark and Rattlesnake, and is an excellent shipping sort. It has a tough rind, and carries in good condition without breakage. The stripes of



MAMMOTH IRON CLAD.



CUBAN QUEEN.

of good flavor. The melons grow to a fair market size, from thirty to fifty pounds each in weight. Pkt. 5 cts.; oz. 10 cts.; lb. 90 cts.

**Mammoth Iron Clad.** This magnificent new melon has fully sustained all that we claim for it, and has proven unequalled for market. Of oblong shape, it is very thick through, and retains its thickness at both stem and blossom end. The skin is beautifully striped with very light green. The flesh is particularly beautiful, of a dainty red color, of rich, sugary flavor; the heart is very large, and passing the seed portion, the flesh next to the rind is fully equal to the heart luscious taste. Mammoth Iron-clad grows uniformly to a larger size than any other sort known. Pkt. 5 cts.; oz. 10 cts.; lb. 90 cts.

**Cuban Queen.** One of the largest melons known, specimens having been grown that weigh 82 pounds. Vines vigorous; skin striped light and dark green. Flesh bright red, solid, very crisp and sugary. Pkt. 5 cts.; oz. 10 cts.; lb. 80 cts.

**Mountain Sweet.** A large long, oval variety; skin, striped and marbled with different shades of green flesh, scarlet, and quite solid to the center; very sweet and delicious. Pkt. 5 cts.; oz. 10 cts.; lb. 80 cts.

## O N I O N .

The Onion is one of the most important of the culinary vegetables cultivated. A rather strong, deep and rich gravelly and loamy soil is most suitable for this crop. The ground should be heavily dressed with rich, well rotted manure, trenched deeply, and ridged up early in autumn, and if the soil is of a light, sandy nature, cow manure will be most suitable. The main crop should be sown as early as the ground may be in working condition, and whether, this occurs in March or April, sow the seed in drills, one inch deep and eight inches apart for onion sets, then well cultivated and kept clean of weeds, &c.

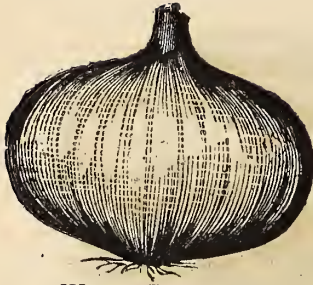


EXTRA EARLY RED.



LARGE RED WETHERSFIELD.

## ONION, Continued.



WHITE PORTUGAL.

Onions from 1½ to 2½ inches in diameter in early summer, or if sown in early summer will be fit for use by Autumn. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.25.

**White Portugal, or Silver-Skinned.** One of the leading sorts of flat white Onion. A most excellent keeper and good yielder. Largely grown for pickling. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.75.



WHITE GLOBE.

**White Globe.** Yields abundantly, producing handsome and uniformly globe shaped bulbs. The flesh is firm fine grained, and of mild flavor. Some times called Southport White Globe. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.75.

**Large Red Wethersfield.** This is the standard variety, and the favorite Onion in the east, where immense crops are grown for shipment. Large size, skin, deep purplish-red; form round, flat flesh, purplish-white. Very productive, the best keeper, and one of the most popular for general cultivation. Pkt. 5 cts.; oz. 20 cts.; lb. \$2.75.

**Yellow Dutch or Strawsburg.** The leading market variety, a good keeper, and well flavored; of a bright straw-colored skin and somewhat flattened shape. Pkt. 5 cts.; oz. 20 cts.; lb. \$1.60.



YELLOW DANVERS.

**Yellow Danvers.** An early variety, a good keeper, and an excellent market sort. It is of good size, and has a thin yellow skin. Pkt. 5 cts.; oz. 20 cts.; lb. \$2.60

**Giant Rocca.** A very fine, large variety, of globular shape, light-brown skin and of very mild flavor; will frequently attain, under favorable circumstances, two pounds in weight. Pkt. 5 cts.; oz. 25 cts.

## PARSLEY.

**Double Curled.** A desirable market variety, as much curled as the Garnishing varieties, but stands the winter. Pkt. 5 cts.; oz. 10 cts.; lb. 80 ct.

**New Fern Leaved.** A new sort of recent introduction; very beautiful, resembling a fern, and is used very extensively for garnishing purposes. Pkt. 5 cts.

## PARSNIP.

Sow as early as the ground opens in the spring, in drills one inch deep and fifteen inches apart.

**Long White Dutch.** Roots very long, white, smooth and tender. Keeps through the winter well, in the ground. Pkt. 5 cts.; oz. 10 cts.; lb. 60 cts.

**Hollow Crown.** Roots long; grows mostly below the surface; has a very smooth, clean skin, and is easily grown, and may remain in the ground during winter. Pkt. 5 cts.; oz. 10 cts.

## PEPPER.

Sow in hot bed in March, or in open ground in the middle of Spring, in light, warm ground. When three inches high, transplant to 18 inches apart each way, and hoe frequently.

**Imp. Ruby King.** (See *Specialties page 6*) Pkt. 10 cts.

**Golden Dawn.** In shape resembling the popular Bell or Bull Nose Pepper; it is of a most beautiful golden yellow color, making a very handsome appearance, both in growth and on the table. It is very sweet; and productive; the dwarf, bushy plants being completely laden with the bright colored fruit. Pkt. 5 cts. oz. 25 cts.

**Large Bell or Bull Nose.** A very large sort, of inverted bell shape, suitable for filling with cabbage, etc., and for mixed pickle. Flesh thick, hard and less pungent than most other sorts, and one of the earliest varieties. Pkt. 5 cts. oz. 20 cts.

**Sweet Mountain, or Mammoth.** Similar to the Bull Nose but larger and milder in flavor. Used to make stuffed pickles. Pkt. 5 cts. oz. 20 cts.

**Long Red Cayenne.** Long fruits, of conical shape bright red; flesh strong and pungent. Pkt. 5 cts. oz. 20 cts.

## PUMPKIN.

May be planted middle of May to the first of June, in the field or garden, in hills 8 feet apart each way, 3 seeds to the hill.

**Cashaw.** (crooked neck.) In form much resembling the White Crookneck Squash, though growing to a very large size, frequently weighing 70 pounds; color, light cream, sometimes slightly striped with green; very productive and the most profitable of the pumpkin family. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts.

**Large Cheese.** (*Sweet Pumpkin.*) One of the best for table use, productive, skin green and orange, flesh yellow and sweet. Pkt. 5 cts.; oz. 10 cts. lb. 60 cts.

**Sweet Potato.** Of a large size, pear-shaped, green and white, flesh thick, cream white, remarkably fine grained, dry, and of most excellent flavor. Hardy, very productive, and keeps well until late in the winter. This variety we recommend as being superior to any other variety for cooking. Pkt. 5 cts.; oz. 10 cts.; lb. 80 cts.

**Connecticut Field.** A large yellow sort principally grown for stock. lb. 30 cts.



HOLLOW CROWN.



GOLDEN DAWN.



CASHAW.

## P E A S .

In spite of the multitudes of varieties now in cultivation, there are each year many new sorts brought out, each of which is claimed to be superior. We take great pains to secure and offer the best varieties for sale. Peas mature earliest in a light, rich soil; for general crop, a rich deep loam, or inclining to clay, is best. Plant as early as the weather will permit in well-prepared soil, and cover 2 to 3 inches deep. The general crop can be delayed until later, but we have met with better success from sowing all the varieties comparatively early, depending for succession upon selecting sorts that follow each other in ripening. As to distance in rows, about 2½ feet apart for early kinds, and 3½ feet for late, but where space in the garden is small the dwarf varieties may be planted close as 1 foot. The crop should be gathered as fast as it becomes fit for use. If even a few pods begin to ripen, young pods will not only cease to form, but those partly advanced will cease to enlarge. The wrinkled varieties are not as hardy as the smooth sorts, however, the sweetest and best flavored varieties.

*Add 15 cts. per qt. if to be sent by mail.*

**Philips' First and Best.** (See Specialties page 6) Pkt. 10 cts.; qt. 30 cts.

**Philadelphia Extra Early.** An extra early sort, of good quality and very prolific; height 2 feet. Pkt. 10 cts., qt. 30 cts.

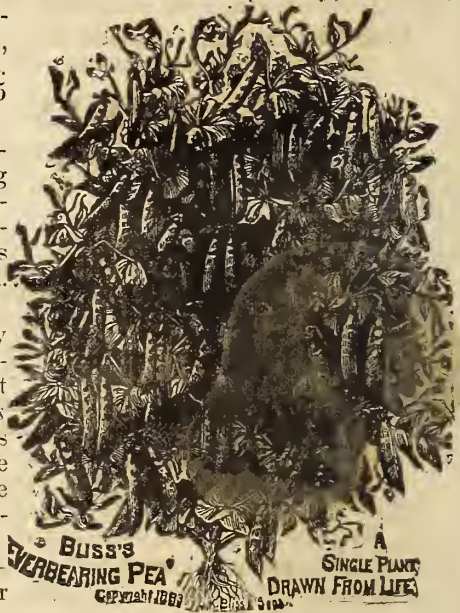
**Cartier's First Crop.** An English variety; very early, productive, good flavor grows 1½ feet high, the haulm being literally covered with pods. Pkt. 10 cts., qt. 30 cts.

**McLeans Little Gem.** A green wrinkled variety which comes into use a few days later than the First and Best. It grows from 12 to 18 inches high, is very prolific, and of excellent flavor. Pkt. 10 cts., qt. 35 cts.

**Bliss' American Wonder.** The best advertised Pea of this generation, but a variety far better suited to the private than the market garden, as it is not productive enough to make it much grown as a market sort. It is very early, however, the peas are wrinkled, and its distinctiveness consists in its extreme dwarf growth, which rarely exceeds 10 inches in height. It is of the finest quality. Pkt. 10 cts. qt 35 cts.

**Bliss's Abundance.** Pods 3 to 3½ inches long, round and well filled, containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kinds. 6 to 8 inches apart in the rows is the nearest that the plants should stand. Pkt. 10 cts. qt. 35 cts.

**Bliss' Everbearing.** A new variety maturing soon after the Gems, and continuing a long time in bearing. Vine stout about eighteen inches high, bearing at the top six or ten broad pods. If these are removed as they mature; and the season and soil are favorable, the plant will throw out from the axis of each leaf branches bearing pods which will mature in succession, thus prolonging the season. Peas wrinkled, large, cooking quickly, and very tender, of superior flavor. Pkt. 10 cts. qt. 35 cts.



**PEAS, Continued.**

**Premium Gem.** A very fine dwarf pea of the Little Gem type, on which it is a great improvement. Pkt. 10 cts., qt. 35 cts.

**Tom Thumb.** Very dwarf, not exceeding 10 inches in height, stout and branching; very early, of excellent quality, yields abundantly; it requires no sticks. Pkt. 10 cts., qt. 35 cts.

**Blue Peter.** This may be called a larger, better and earlier form of Tom Thumb, having blue seed when ripe. It is remarkably dwarf, very early, a capital bearer, and of excellent quality. Pkt. 10 cts., qt. 30 cts.

**Rural New Yorker.** Early, productive, and uniform in ripening. It grows about 20 inches high, and is quite similar to our Philadelphia Extra Early. Pkt. 5 cts., qt. 30 cts.

**Early Kent.** Growing about two and a half feet high. Pods well filled with good sized Peas; very productive. Pkt. 10 cts., qt. 30 cts.

**Large Blue Imperial.** About three feet high, and very strong. Pods large, long, pointed, rather flat, containing eight or nine peas. Seed large, blue and a little flattened. A good bearer, and one of the best varieties for summer use, but requires to be planted early, or it will be apt to mildew. Pkt. 10 cts., qt. 30 cts.

**Laxon's Alpha.** One of the earliest wrinkled Peas; blue, of exquisite flavor, remarkable for its earliness and prolific bearing; it bears pods, well filled and of good size, down to the bottom of the haulm. Pkt. 10 cts., qt. 30 cts.

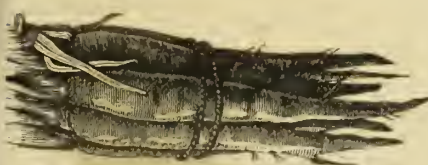
**Dwarf White Marrowfat.** A large, delicious marrow pea; an excellent crop, per, and a favorite with market gardeners; height two feet. Pkt. 10 cts., qt. 25 cts.

**Champion of England.** Universally admitted to be one of the richest and best flavored Peas grown, and very productive; Height, four or five feet; seed whitish green and much shriveled, and will always sell, green, is better than any other variety. Pkt. 10 cts., qt. 30 cts.

**Dwarf White Sugar.** Edible pods; can be used either shelled or whole the pods, when young, being sweet and tender; two feet in height. Pkt. 10 cts., qt. 30 cts.



CHAMPION OF ENGLAND.



LONG WHITE

**Spinach.**

Rich soil; sow a half inch deep, and a foot between the rows; thin out to eight inches. Sow as soon as frost is out of the ground, and hoe frequently to prevent the plants running to seed. For Winter crop sow near end of August and in September.

**Round Summer.** The main market sort; equally good for either fall or spring sowing. Pkt. 5 cts., oz. 10 cts.



ROUND SUMMER.

**Salsify.**

Cultivate the same as French Frets.

**Mammoth Sandwich Island.** (See Specialties page 6)

**White French.** When cooked the flavor resembles the oyster, and is a substitute. Pkt. 5 cts., oz. 10 cts.

# RADISH.

Cultivated for its roots, which should always be eaten when quite young, as they are apt to be pithy and tough when full grown. *It should be borne in mind that radishes must have plenty of room, and be grown quickly, or they will invariably be tough and wormy.* Sow as early in the Spring as the ground can be worked, and every two weeks till the middle of June. Winter varieties from the first of August to the first of September. A light, rich soil suits best.



**EARLY SCARLET TURNIP.** or for early sowing in the garden. Pkt. 5 ets.; oz. 15 ets.; lb. 70 ets.

**Early Long Scarlet.** (*Short Top*). The most desirable for early forcing, or first sowing in the garden; it is of a bright scarlet color, and when grown on rich soil is very tender and brittle; do not sow in warm weather, as it will shoot to seed and form no bulb. It can be sown early in the Fall for a late crop. Pkt. 5 ets.; oz. 10 ets.; lb. 65 ets.

**Becker's Chartier.** Decidedly distinct in appearance from any other Radish in cultivation. Its form is well defined by our engraving, the color at the top being crimson, running into pink about the middle, and from thence downward it is pure, waxy white. It will attain a very large size before it becomes unfit for the table. Pkt. 5 ets.; oz. 15 ets.; lb. 80 ets.



**BECKERT'S CHARTIER.** **Black Spanish** (Winter). Long; of very large size and firm texture, with dark green leaves. It must be stored in sand in the cellar for Winter use. Pkt. 5 ets., oz. 10 ets. lb. 70 ets.

**Early Scarlet, Turnip Rooted.** A small, round, red, turnip shaped radish with a small top, and of very quick growth. A very early variety, deserving general cultivation on account of its rich color, crisp and tender qualities. Pkt. 5 ets.; oz. 15 ets.; lb. 70 ets.

**Early White Turnip.** Like the Scarlet Turnip in shape, but in color pure white. Pkt. 5 ets.; oz. 15 ets.

**Scarlet Olive-Shaped.** A very popular variety among the French and Germans; is of a half long, or olive-shape, bright scarlet color, and well adapted for either forcing



**OLIVE-SHAPED.**

**Chinese Rose** (Winter). This variety has become very popular with our market gardeners; it is of a half-long shape, pink color, and flesh as solid as an apple; it has not that strong flavor which is peculiar to the Black Spanish, and keeps equally as well; it should be sown during August. The White China only differs from this variety in its color. Pkt. 5 ets. oz. 10 ets.

**French Breakfast.** Medium sized radish, olive shaped, small top, of quick growth, very crisp and tender, of a beautiful scarlet color, except near the root, which is pure white. A splendid variety for the table, not only on account of its excellent qualities, but for its beautiful color. Pkt. 5 ets. oz. 10 ets.



**FRENCH BREAKFAST.**



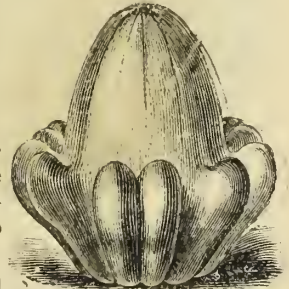
SQUASH.

The squash is one of the most nutritious and valuable of all our garden vegetables. The summer varieties come to the table early in the season, and are very palatable, while the winter sorts can be had in perfection from August until the summer varieties are again in condition. Plant in hills, in the same manner and at the same time as cucumbers and melons; the bush three or four feet apart, and the running kind from six to nine feet.



**Early Bush or Patty Pan.** The best early variety for market or shipping. It grows to a large size, scalloped like a Patty-pan, and bearing an abundant crop. Pkt. 5 cts. oz. 10 cts., lb. 70 cts.

**BUSH OR PATTY PAN. White Pine Apple.** The skin and flesh is of a pure, creamy white color; flesh very fine grained, resembling the cocoa-nut when made into pies and custards, and is superior to any other Squash or pumpkin for this purpose. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts.



**Marblehead.** A new variety of great value. The flesh is of rather lighter color than the Hubbard, while its combination of sweetness, dryness and delicious flavor is remarkable. Its keeping qualities are declared to surpass the Hubbard. Pkt. 5 cts.; oz. 10 cts.; lb. 75 cts.

**Hubbard.** The best table squash yet known; good specimens being about equal in quality to the

**WHITE PINE APPLE.**

Sweet Potato. It has a hard shell, and with the same care will keep three months later than the Marrows. Pkt. 5 cts., oz. 10 cts.; lb. 80 cts.



HUBBARD.

**Mammoth Chili.** Very large, often attaining the weight of two hundred pounds and upwards excellent for pies or stock; very productive. We have grown them to weigh 141 pounds. Experienced cultivators have grown them weighing 300 pounds and upwards. Pkt. 5 cts., lb. 1.50.

TOMATO.

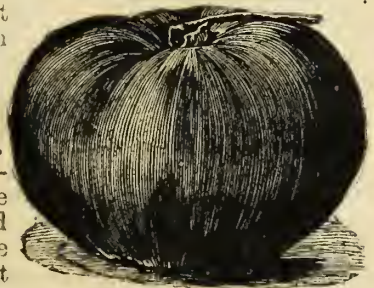
This vegetable is too well known to need any description. There has been a great improvement in it during the last few years, and the varieties now offered are greatly superior to those known a few years ago. Sow in hot-bed in March and transplant into the open ground when weather becomes warm and settled, or sow in open ground in May, and transplant when plants are 6 inches high, 4 feet distant from each other. Soil should be made rich and light.

**Dwarf Champion.** (See Specialties Page 7).

**Volunteer.** (See Specialties Page 7).

**Mikado or Turners Hybrid.** (See Spec. Page 7).

**Canada Victor.** Without a doubt the earliest in cultivation, and has proven itself to be the earliest medium to large tomato in use; colored red and smooth, ripening the greater bulk of the crop. The seed we offer is taken from the best specimens. Pkt. 5 cts.; oz. 20 cts.; lb. \$2.25 cts.



CANADA VICTOR.

## T O M A T O , Continued.

**Early Smooth Red.** One amongst the early varieties, color red, surface smooth solid and of uniform size. A valuable market variety. Pkt. 5 cts.; oz. 15 cts.



**Red Trophy.** The best for the main crop and undoubtedly is the best variety that has yet been brought into use. It is of a very large size, uniformly smooth and well formed; solid to the center, and very heavy. The seed we offer is of our own growth and the best specimens selected for seed. Pkt 5 cts oz. 20 cts.; lb. \$2.25.

**Golden Trophy.** Like the well-known Red Trophy in shape, but of a pure golden yellow color. The tomatoes are of large size and solid; very productive. Pkt. 5 cts.; oz. 20 cts.

**Paragon.** Vine very large, vigorous and productive, and continuing so until killed by frost. Fruit large, round, of a very dark, rich crimson-scarlet color, with occasionally a purplish tinge. It ripens up evenly, and the flesh is thick and fine flavored. Pkt. 5 cts.; oz. 20 cts, lb. \$2.25.

**Livingston's Perfection.** A variety similar to the last, but an improvement upon it, it being a little earlier, and invariably smooth and handsome. It is probably the handsomest tomato grown, and all who have tried it pronounce it, of the highest quality. Pkt. 5 cts.; oz. 20 cts.

**Livingston's Favorite.** Vine medium, with large, dark green, healthy leaves, having numerous clusters of from three to seven very large, smooth tomatoes, which are a rich, dark red color, oval outline, exceedingly smooth; flesh very firm but without green spots. This is a favorite variety with many on account of its smooth, handsome fruit. Pkt. 5 cts.; oz. 20 cts.

**Essex Hybrid.** Quite an early variety, attaining a large size, perfectly smooth, and of a bright pink color, closely resembling Acme, but larger and less liable to rot. Pkt. 5 cts.; oz. 25 cts. **LIVINGSTON'S PERFECTION.**

**Optimus.** This is a smooth variety, uniform in size and shape, ripens evenly, and is of a bright red color. The flesh is scarlet crimson, very solid, of good flavor, and entirely free from core. The fruit is usually produced in clusters of five. It is also a remarkably early variety, and taken all in all, a most desirable acquisition. Pkt. 5 cts.; oz. 25 cts.; lb. \$2.50.



## T U R N I P .

Sow in drills fourteen inches apart, and an inch deep, or they may be sown broadcast, but in either case be sure to have the ground freshly dug. Keep them perfectly free from weeds. For the spring and summer crops, it is important to get them started very early so that they may have time to grow to sufficient size before hot weather, when they will soon become tough and strong.

**T U R N I P , Continued.**

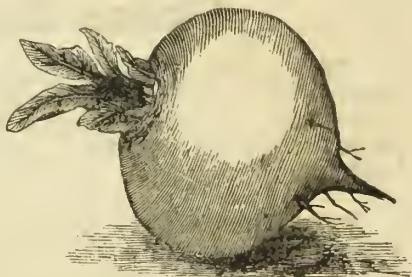
**Early Purple Top** (Strapleaf;). This variety has the form and character of the White top, except in color, which is red or purple above ground. For the main crop this variety is more largely grown than any other, and has no superior. Pkt. 5 cts.; oz. 10 cts, lb. \$1.00,



**EARLY PURPLE TOP.**

**Early White Flat Dutch, Strap Leaved.** A most excellent, early, garden variety, much used in the Southern States. Is sure to bottom; very early sweet and tender, and grown for table use. This variety is similar to the purple top strap leaf in size and shape. Flesh fine grained and of mild flavor; a good keeper. Pkt. 5 cts.; oz. 10 cts.; lb. \$1.00,

**White Globe Pomeranean.** Is one of the most productive kind; in good, rich soil, the roots will frequently grow to weigh twelve pounds; it is of the most perfect globe shape; skin, white and smooth; leaves, dark-green, and of strong growth. Pkt. 5 cts.; oz. 10 cts,



**WHITE GLOBE.**

**Yellow Fleshed Sorts.**

**Large Yellow Globe.** This variety grows to a large size, handsome, globular shaped, color pale yellow with greenish top leaves, rather small and spreading.

One of the best for a general crop, either for table use or stock; keeps hard and brittle until late in the Spring. Pkt. 4 cts.; oz. 10 cts.

**Yellow Aberdeen.** Of round form, nutritious and a good keeper. Very popular for cattle feeding, and also adapted for table use late in winter. Pkt. 5 cts.; oz. 10 ct



**Swedes, or Ruta Begas.**

Ruta Bega or Swede should be sown in July, in drills twenty inches apart, and the plants thined out to stand six inches apart.

**Purple Top or American Imp.** The leading variety; very hardy and productive; flesh yellow, solid sweet, and fine flavored; equally good for stock or table use; the



**Yellow Aberdeen.**

**YELLOW GLOBE** principal variety grown by market gardeners, and the best of all yellow Turnips. Pkt. 5 cts.; oz. 10 cts.

**Sweet German.** Bulb four or five inches in diameter and six or seven in depth; neck two or three inches long; skin greenish-brown above ground, white beneath; very sweet mild, well-flavored; retains its solidity and freshness until spring. Pkt. 5 cts.; oz. 10 cts.

## Pot, Medicinal and Sweet Herbs.

No garden is complete without a few herbs for culinary or medical purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dry quickly and pack closely, entirely excluded from the air. Sow in the spring, in shallow drills, one foot apart, and when well up thin out or transplant a proper distance apart.

**BASIL, SWEET.** The leaves and tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soup, stews and sauces. Pkt. 5 cts.

**MARJORAM, SWEET.** The leaves and ends of the shoots are highly esteemed for seasoning, both in summer and dried for winter use. Pkt. 5 cts. oz. 20 cts.

**SAGE** (*salvia officinalis*). The most extensively used of all herbs for seasoning and dressing. Pkt. 5 cts.; oz. 15 cts.

**SUMMER SAVORY**, (*Satureja hortensis*). Fr. Sarriette annuelle.—Ger Bohnenkraut.—A hardy annual, the dried stems, leaves and flowers for which are extensively used for flavoring, particularly in dressings and soups. Pkt. 5 cts.; oz. 15 cts.

## Grass Seed for Lawns.

**THE LAWN.** *The essentials for a fine lawn are proper drainage, a careful preparation of the soil, which should be made as fine and light on the surface as possible, thorough rolling, and a selection of the seeds of such grasses as will present a luxuriant verdure from early in spring till late in autumn; and then frequent mowings with a lawn mower.*

**Fairmont Park.** This is the very best quality of a mixture of the finest varieties of natural grasses, embracing such as are of neat growth, hardy and best adapted to produce a permanent and fine turf. The quantity of seed required per acre is from three to four bushels. Price per Pt. 15 cts.; qt. 25 cts.; Pk. \$1.00,

**Fancy Cleaned Kentucky Blue Grass.** Also known as June Grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass is indispensable. It thrives in dry soil and retains its verdure during the hottest weather. This grade is the best for sowing lawns. Pt. 15 cts.; qt. 25 cts.; peck \$1.00;

**White Dutch Clover.** (*Trifolium repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees, Pkt. 15 cts.; lb. 40 cts.

*We have a select variety*



American, English, French  
and German,

**F L O W E R S E E D S .**

# New Novelties IN VEGETABLE SEEDS.

OUR aim is to offer the very best varieties of seeds known; well tested and superior sorts that will be satisfactory to the buyer, and so become a standing advertisement for us. Our success in so doing is attested by our many friends all over the union. The quality and permanency of the Novelties we have listed prove the truth of our assertions regarding Novelties.



HENDERSONS

## *New Bush Lima Bean.*

**A MATCHLESS RECORD!**

**175,000 PACKETS SOLD IN ONE YEAR.**

This wonderful innovation created a greater furore last season than any vegetable novelty that has ever been offered. Those who never had a vegetable garden before were induced to plant the Hendersons Bush Lima Bean, because it enabled them to have the most delicious of all vegetables without the trouble and expense of the unsightly poles. THE NEW BUSH LIMA is two weeks earlier than any of the climbing Limas. This fact alone would stamp it as the most valuable novelty of recent years, but when, in addition to this, we consider that it is a true Bush BEAN, requiring no supports, some idea of its great value can be realized.

HENDERSONS BUSH LIMA produces a continuous crop from the time it comes into bearing until frost, and being enormously productive, a very small patch will keep a family supplied with this splendid vegetable throughout the season. We are glad to now be able to offer it at the following low prices: Packet 15 cts; One pint 60 cts. quart \$1.00 If by mail add 15 cts. per quart.

# LA PHILIP DE SHAH

## Is the King of Dwarf Beans,

This new valuable Bean was discovered in France, we have succeeded in securing Seed to grow sufficient quantity to offer to our patrons this year for the first time. It is a decided improvement on the

Black Negro Bean; if not quite so early it is much more productive and still better suited for the production of the green Haricots.



One of the most important features of this new bean is very height, for this reason it is more valuable than any other dwarf Bean, as it has the advantage of bearing height above the ground, free from rust, a great number of remarkable long green handsome pods; some times eight inches in length, which are very strait, slender, almost cylindrical and as near perfection as possible. The many good qualities of this Bean will soon make it a favorite everywhere. Very tender and delicious. Foliage dark green, seed rather long, entirely Black. Packet 25 cts. 5 Packets \$1.00



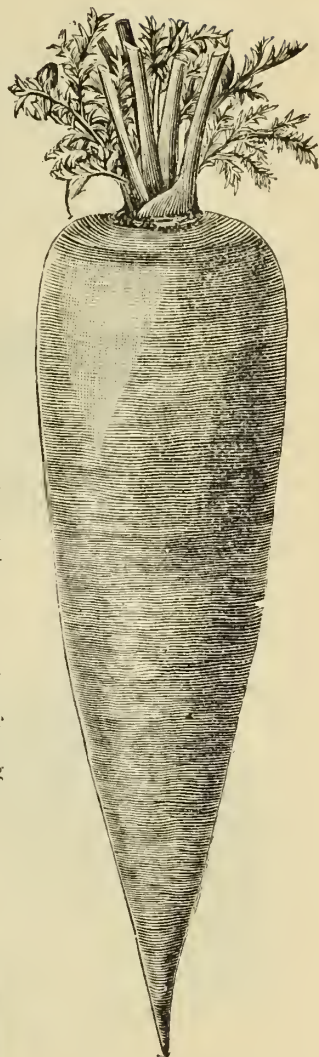
**JAPANESE**  
**BUCKWHEAT**

### New Japanese Buckwheat.

Sown the same day the Silver Hull, it ripens a week earlier and yielded almost as much again. From 1 grain planted in a garden the product was 850 ripe kernels. The kernels are at least twice the size of those of any other variety; in color they are of a rich, dark shade of brown. The flour made from it is equal in quality to that of any other buckwheat, while it is much more productive than any other and succeeds well as far north as New Hampshire. As the straw is heavier and branches more, it does not need to be sown as thickly as other kinds. Pkt. 10 cts. lb., 35 cts. postpaid. By express peck 60 cts. bu. \$2.00 2 bus: sack \$3.50 4 bus. \$6.00

## Carrot Danvers.

The color of this valuable sort is a rich shade of orange. In shape it is midway between the Early Scarlet Horn and Long Orange. This variety originated in Danvers, Mass., where the raising of Carrots is made a special business, twenty to thirty tons per acre being no unusual crop. Pkt. 5 cts., oz. 10 cts., lb. 90 cts.



DANVERS CARROT.

## LEEK Large American Flag

A large and excellent sort. The favorite market variety. Pkt. 5 cts., oz. 20 cts., lb. 1.40

## O N I O N .

### Mammoth Silver King.

This is the largest of the white Italian Onions, and attains an enormous size in one season from seed. This sort is deserving of extensive cultivation, and will be found especially serviceable in the family garden, as it is of mild flavor, attractive appearance and a good keeper. Pkt. 5 cts., oz. 25 cts., lb. \$3.00

### Large Red Italian Tripoli Onion

A large, red flat Onion, of delicate flavor. Like the other Italian sorts, it is free from strong aroma, and adds to its other good qualities that of keeping well during the winter. Pkt. 5 cts., oz. 20 cts.



MAMMOTH SILVER KING ONION.

## O n i o n

### Large White Tripola.

An excellent large white variety, of quick growth, mild, pleasant flavor and of a flattened shape. Pkt, 5c. oz. 20c.

# POTATO.

Our Seed Potatoes are all "Northern Grown," from specially-selected tubers, and are guaranteed to be as pure stock as any in the market. Potatoes grown in this way, with so much care, necessarily cost more, but it is absolutely indispensable to the farmer to be sure when, he is getting a change of seed, that he gets only the best. The results in increased vigor of growth, yields and earliness of maturity will be speedily apparent.

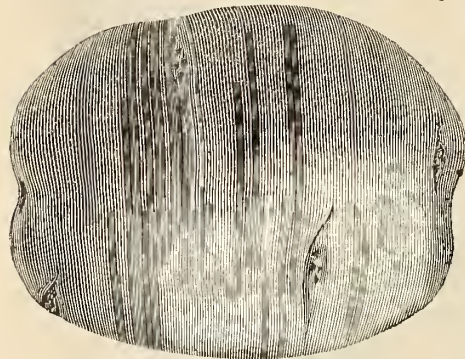
Prices subject to variation. We deliver all Potatoes into the hands of transportation companies safely packed; after that our responsibility ceases. Purchasers must take all risks from freezing or heating, as we assume no risk on Potatoes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. Remember we make no charges for boxes, barrels or cartage, but deliver Mbg. at prices quoted.

**"BILL NYE."** This is a valuable new white kidney variety. It is a cross between "Beauty of Hebron" and the "Belle." It is very smooth and handsome, well studded with eyes, which are unusually shallow for a late potato. It is a vigorous grower, of first-class quality, and an enormous cropper. The tubers are easily dug, as they lie compact in the hill. Last, but most notably, they are the best keepers we

have ever seen. They can be kept in any ordinary cellar temperature until July following without sprouting. The "Bill Nye" is similar in shape and general appearance of tubers to "Burpee's Superior" or "Munroe Seedling," but is entirely distinct in habit, and superior from its remarkable late keeping qualities.

Price, 20c. per lb. (postage, 8c. per lb. extra). \$1.00 peck; \$3.00 bushel.

**CHAS. DOWNING.** A new potato having sterling merits, hardly possessing the highest quality for eating. One of the most promising of the new varieties, of oval, oblong form and pure white. This potato is about ten days earlier than the Early Rose. Enormously productive. Peck 60c.; bush. \$2.00.



**Early Rose.** The leading variety for earliness, quality and productiveness. Peck 50c.; bush. \$1.50.

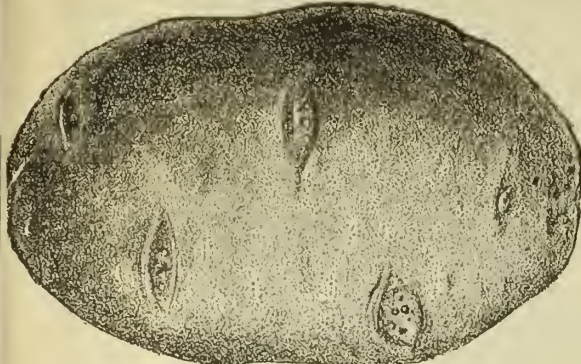
**Extra Early Vermont.** In general appearance similar to the Early Rose, but said to be hardier and more productive. Peck 50c.; bush. \$1.50.

**Delaware.** One of the greatest authorities in America says that he considers this one of the most valuable of the new varieties. It is medium early; the tubers are oblong, pure white and rough skinned, betokening good quality. Peck 65c.; bush. \$2.00.

**White Star.** A medium early variety of the very best quality and appearance. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed. Large, oblong, uniform-sized tubers, remarkably productive; for excellent keeping qualities. Peck 50c.; bush. \$1.50.

**St. Patrick or Burbank.** One of the handsomest varieties in cultivation being exceedingly smooth and regular, with very few and shallow eyes. It is oblong in shape, a large yielder, and of the finest quality. Peck 50c.; bush. \$1.50



**POTATO, Continued.**

EARLY PURITAN.

**Early Puritan.**

See full description on page 6 1 lb. 25c.; Pk. 50c.; by mail, postage pre paid.

**Peas.****Hair's Dwarf Mammoth.**

A light wrinkled variety of very delicate flavor, and quite productive; its good qualities are really not known,

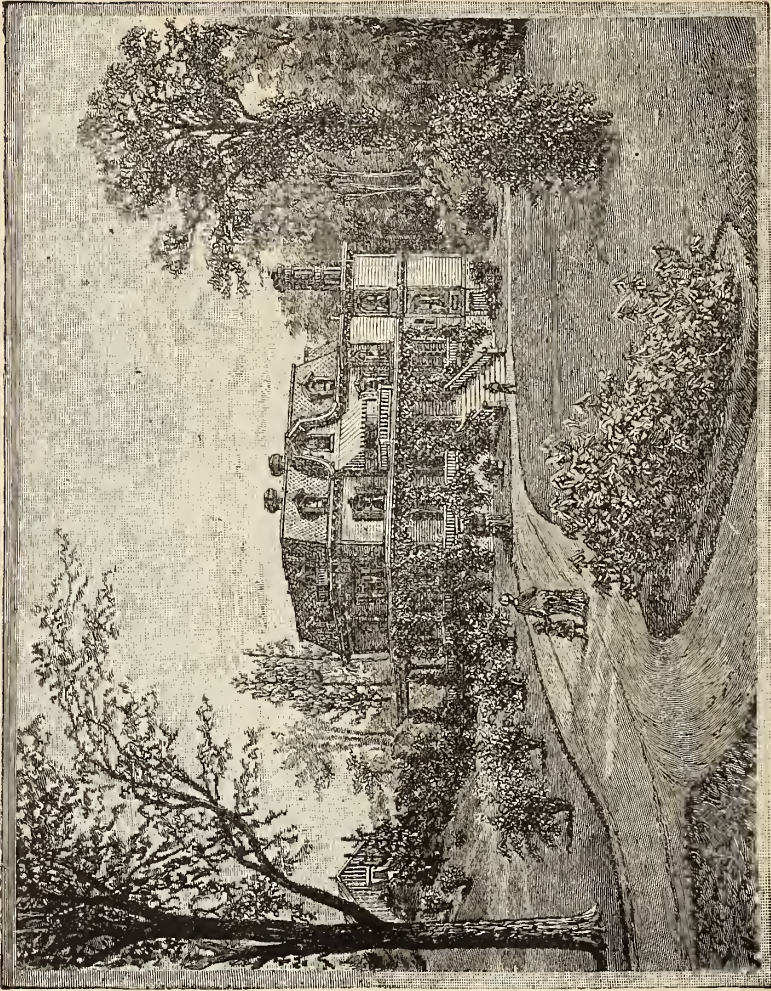
or it would be cultivated more generally. Packet 10c. Pt. 20c. qt 30c.

**RADISH.****Philips' Dom Pedro.**

This Radish is entirely new and we exclusively controll this Novelty this season and only have a limited stock for sale, which we introduce to our costumers and trade for the first time. This Radish has originated with us. Two years ago, one radish was discovered among others, to be distinct in color from all other sorts; care was taken to have the seed grow to maturity. Last years growing proved it to be the most valuable all season Radish. The shape is similar to that of the Chartier and just as early, but perfectly distinct in color and quality. Color at the top is a dark purple shading lighter downward to a pure white at the tip. They are of quick growth, solid, very tender, crisp and of mild flavor, also remains good a very long time for table use; not becoming hard and stringy as most Radishes do. Pkt. 15c.; oz. 30c.; 1 lb. \$1.00.

**Mammoth Russian Sunflower.**

These Mammoth Sunflower heads measure 12 to 20 inches in diameter, and contains an immense quantity of seed, which is highly valued by all farmers and poultry breeders, who have tried it as an excellent and cheap food for fowls. They eat it greedily, fatten well on it and obtain a bright, lustrous plumage, and strong, healthy condition, better than on almost any other food. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value as soon as it becomes generally known. Every farmer should plant some of the seed in any waste piece of ground, at any time from Spring up to the middle of July. It is a wonderful improvement over the old native sunflower, and besides the great value of the seed as poultry and stock food, its strong, thick stalks can be properly used as fuel. Three quarts of seed will plant one acre. The seed is also recommended as an excellent food for horses. Pkt. 5c.; oz. 10c.; lb. 30c.



## Lawn Grass Seed.

Philips' Fairmount Park Lawn Mixture.

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under our hot midsummer sun, and remain in that condition until the cool months of autumn revive them. The mixture we offer has stood the test for years, and our rapidly increasing sales prove conclusively that its merits are becoming widely known by those who recognize the inalienable law of cause and effect, and who realize that, in order to produce permanent results, first quality goods only be used. In no branch is it more true than in that of seeds. The temptation is strong to include in mixtures the "cheap and impure," but in Philips' Fairmount Park Lawn Mixture, one grade—and that the highest—is rigidly adhered to. Many of the finest private grounds around Mercersburg are sown with our grasses only. For Railroads Embankments, Terraces, etc., Philips' Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a thick turf that will effectually prevent "washing." Pint 15c., qt. 25c.; \$4.00 per bu. of 20 lbs.

## General list of

# FLOWER SEEDS

The following abbreviations occur in the flower seed list, viz. :

*A* for Annuals that grow, bloom and die the first year from seed.

*B* for Biennials that bloom the second year from seed, and then die.

*P* for Perennials usually bloom 2nd. year from seed, continues to grow and bloom years.

*H* indicates they are Hardy, and *H H* half hardy. *T* indicates they are Tender.

**Remember. Flower Seeds by Mail. Post-paid.**

**Premiums.**—Purchasers may, for \$1, select seeds in packets to the value of \$1.25 at Catalogue prices. This discount is only for seeds in packets.



HYBRID ABUTILON.

### Abutilon.

(*Chinese Bell flower.*) Flowers freely during the Winter and Spring months in house, and during summer when bedded out; the flowers are bell-shaped, and in the varieties are to be found crimson grounds, streaked with yellow; yellow grounds, veined red; pure white and clear yellow.

Can be propagated by cuttings, in sand, under glass, during summer. If seeds are sown before April, under glass, plants will bloom the first season. For winter flowering, sow in August or September. *Perennia.*

Abutilon. Fine mixed, of above shades, 2 to 4 ft. Pkt. 25 cts.



### Acroclinium.

Beautiful ever-lasting flower, grown extensively for winter bouquets and ornaments; native of Western Australia; color of flowers rose and white, daisy-like in appearance, and born on stems 15 inches long; half-hardy annual. To preserve the flowers, they should be picked before fully open to secure a bright center when dried.

Acroclinium; mixed colors.

5 cts.



ACROCLINIUM.

**Adonis.**

Sometimes called Flos Adonis and Pheasant's Eye. The foliage is fine and pretty, the flowers brilliant scarlet. They will do well in partial shade, and may be planted in any retired corner of the garden. Twelve to eighteen inches high.

Adonis, 5 cts.

**Ageratum**

AGERATUM

Half hardy annual, valuable on account of the length of time it remains in bloom, and contrast of color with the more brilliant varieties. Blooms constantly all summer in the garden, and, if removed to the greenhouse, all winter. Sow in the house, hot-bed or greenhouse, from February 1st, to May 1st, and plant out in the open ground in May, or sow in the open ground during the summer for flowering the next season.

Sow in the house, hot-bed or greenhouse, from February 1st, to May 1st, and plant out in the open ground in May, or sow in the open ground during the summer for flowering the next season.

Pkt. 5 cts.

**Alyssum**

ALYSSUM SWEET.

One of the sweetest and most useful of summer flowers. It may be used for edgings, rock-work, hanging baskets, etc. Continues in bloom the entire season; free flowering and easily cultivated. Hardy annual.

Alyssum, Sweet. Flowers white. 5 cts.

**Amaranthus.**

AMARANTHUS.

Ornamental foliage plants; very graceful and interesting.

Should be used only for bedding out purposes.

Sow seeds in house and plant out after May 15. Half hardy annuals. Tricolor.

(Joseph Coat.) Leaves red, yellow and green.

Pkt. 5 cts.

**Anagallis.**

Fine mixed. Interesting plants of easy culture, and remarkable for the beauty of their flowers. They are well adapted to rock work or borders. Plant under glass and transplant into light rich soil, in a sunny situation, they will cover the ground all summer with a profusion of bright, rich colored flowers.

H H A, about six inches high. 10 cts

**Antirrhinum**

The Antirrhinum, better known as Snapdragon, is one of the most showy border plants, and is of very easy culture. Sow in the house in March or April, transplant out in ground in summer if for flowering the next season. P,

Choice colors mixed. 10 cts.



AQUILEGIA, OR COLUMBINE.

**Aquilegia.**

This is a highly ornamental plant; fine for early bloom, and of almost every conceivable variation of color. Sow the seed in house in light soil; out in open ground May or June; transplant in October. Will bloom the second season, and are very beautiful. H. P.  
Hybrid double mixed. 5 cts.



COCARDEAU OR CROWN ASTER.

**Aster.**

A very desirable and popular flower, of most perfect and beautiful form; very profuse bloomers, they include a great variety of rich colors. Very valuable for an autumnal display. H. H. A. Sow the seed early in spring, under glass or in the house, transplant into rich soil from 8 to 12 inches apart.

- Cocardeau or Crown. (height 2 feet.)  
Seven fine colors. 10 cts.
- Boltze's Dwarf Boquet. (height 8 in.)  
in 15 fine colors. 10 cts.
- Truffaut's Imbricated Pompon (height 2 ft.) in 16 fine colors. 10 cts.
- New Large-flowered Rose (height 1 1/2 to 1 1/2 ft.) in 13 splendid colors. 10c
- Rose pure white. 10c.
- Large-flowering Chrysanthemum Aster (height 8-10 in) 24 choice colors 10c.
- Quilled German Aster (height 1 1/2 ft.) in 19 colors. 5c.

**Armeria.**

Thrift, Sea Pink. Very handsome and well adapted for ornamenting rock-

work, and are very valuable for edging walks. six inches high. H. P. 10 c.



BALSAM.

**Balsam.**

The Balsam or Lady's Slipper, is an old favorite, but has been so much improved by cultivation as to be scarcely recognized. Needs good, rich soil and good cultivation to bring to perfection.

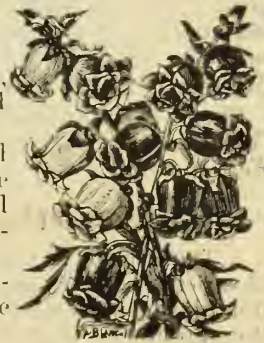
Balsam double Camelia flowered; H. H. A. choice colors mixed. 10c.

**Brachycome.**

Swan River Daisy, a dwarf growing plant flowering the greater part of the season. Suitable for edgings or rustic baskets. Requires rich soil. H. H. A. Iberidifolia, mixed. 5c.

**Canterbury Bell.**

Campanula. Handsome, H. B. of stately growth, rich color and profuse bloomer. Their large, bell-shaped flowers are freely produced during the summer season, thus making them excellent subjects for the flower border.



Double mixed. 5c. Canterbury Bell.

**CLEMATIS.**

Choice hardy climbers for training on walls, trellisses, arbors, etc. 10c.



CARNATION PINK.

**Carnation.**

(DIANTHUS CARYOPHYLLUS.)

No flower can surpass in delicacy of marking, form, or delicious fragrance, the richly hued Carnation. It has always been one of the most esteemed of the florist's collection, there are no more flower more desirable for the garden. The seed will not produce all double flowers, though a good percentage will be double and of all shades and colors, many being very fragrant. Sow seed under glass in green-house or hot-bed, when of sufficient size, transplant one feet apart each way, height 1½ feet, h h p. Carnation Pink fine mixed double Picotee. 10c.

Choice double mixed, *seed saved from the choicest French, German, Italian and English stocks.* Pkt. 25 cts.

**Chrysanthemum.**

The growing demand for the annual varieties has brought the Chrysanthemum into general favor. The colors have the appearance of having been laid in with a brush, for this reason they are sometimes called "painted daisies." hA.

- Carinatum**, choice mixed, 5c.
- Coronarum** double mixed. 5c.

**Candytuft.**

It blooms long and freely, bearing its flowers in neat clusters, the prevailing colors being purple, white etc, our mixture embrace all the finest sorts, some of which are very fragrant



Iberis, mixed. 5c. CANDYTUFT.

**COBAEA Scanden.**

Fancy Climber.

A fine summer climbing plant, quick growing, and bearing large bell-shaped flowers.

In sowing, place the seed edge-wise. hhP. Grows very fast and will grow from 20 to 30 feet. Purple flowers. 10c.



COBAEA SCANDEN.

**COLLINSIA.**

Free flowering annuals of great beauty; for massing and mixed flower borders. hhA. 1 to 2 feet high.

A variety of colors. 5c.

**CYPRESS**

**VINE.**

A very graceful climber, with delicate fern-like foliage; produces masses of beautiful small star-shaped flowers. Sow seed in March transplant in open ground in May, hhA. Choice colors. 5c.



Cypress Vine. 5c.

**DIGITALIS.**

(Fox-Glove.)

Ornamental plants of much beauty. The blossoms are thimble shaped, handsome and stately; well adapted for shrubberies; flowers of varied colors. Hardy biennial, three feet. 5c.



**Helichrysum.**



HELICHRYSUM. (Everlasting.)

Large, full, double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Sow early in spring in any good garden soil, thin the plants out to one foot apart each way. h.A. six inches to two feet high, double mix. 5c.

**CONVOLVULUS.** (*Morning Glory*)

MAJOR. A well known, rapid growing, magnificent flowers of wondrous beauty, useful for verandas, lattice, &c. h.A. 5c.

MIXOR. (*Bedding Varieties*) These grow only about one foot high; the flowers are freely borne and remain open all day, if pleasant, finest mixed. 5c.

**Daisy.**

(*Bellis Perennis.*)

Charming little plants for edgings and borders. The flowers are quilled and flat petaled, white, red and variegated, T. P. height six inches.

Sow early in hot-bed and when large enough, transplant to a rich, cool, partially shaded situation.

Double mixed. 10c.

**Forget-Me-Not.**

(*Myosotis.*) Charming little plants, very popular, producing their star-like flowers in great profusion; the Forget-Me-Not is one of the most admired flowers grown, in its delicacy and beauty.

The *Myosotis* are perennials, but will flower first season if started early in a hot-bed; requires a shady situation.

Mixed colors. 10c.

**FOUR-O'CLOCK.**

See *Mirabilis.*

**GODETIA.**

Handsome free-flowering annuals; excellent for beds, borders, or ribbon work. Grows well on poor soil. Height 1 ft. 10c.

**HIBISCUS.**

Large growing plants, bearing showy flowers two to four inches across; highly ornamental for borders. A.

*Africanus grandiflorus.* 10c.



**Heliotrope.**

Highly valued for the fragrance of their flowers and duration of bloom.

They succeed in any rich, light soil, and cuttings of the shrubby kind, taken off while young grow readily. h.p. height one foot, mixed. 10c.

**HYACINTH BEAN.**

(*Dolichos Lablab.*) A rapid growing plant, flowering freely in clusters; mixed 5c.



### Ice plant.

Trailing annuals for vases and hanging baskets. The leaves and stems are covered with ice-like drops, which glisten in the sun, beautiful. hha.  $\frac{1}{2}$  foot 5c.

### IBERIAS.

See Candytuft.

### HOLLYHOCK.

Most magnificent hardy herbaceous perennials, producing grand spikes of flowers, of the greatest perfection in form and beautiful colors. The Hollyhock has been greatly improved of late years  
Double fine mixed. 10c.

### LANTANA.

A remarkable handsome, flowering free, genus of plants with brilliantly changing in hue; very effective either for pot culture or summer garden. hhp.

Hybrid,  
mixed. 10c.



### Maurandia.

Graceful climber for green houses, parlor, baskets, or out-door purposes. They will bloom and be loaded all the season with rich purple, white and rose, fox-glove shaped blossoms. The seed should be started in a hot-bed or greenhouse, they will scarcely flower the first season. They must be removed to a warm place in autumn. tp. 6 ft. high, mix. 10c

### Mimulus.

#### Monkey-flower

Magnificent freeflowering hhp, of dwarf habit, and large brilliantly colored flowers. They succeed best in moist shady situations and will bloom the 1st year from seed. 10c.



MIMULUS.

### LOBELIA.

Exceedingly pretty, profuse blooming plants, of great value to the flower garden; their delicate drooping habit and profusion of their charming little flowers render them extremely ornamental: very fine for hanging baskets, hha.

Erinus mixed. Packet 10c.

### MIRABILIS. (Four O'Clock.)

Handsome free-flowering plants; bloom the first year from seed and are treated like annuals; the roots can be preserved in winter like Dahlias. Half dwarf variegated leaves mixed, 5c.



### Mignonette.

A well known hardy annual producing dense, semi-globular heads of exceedingly fragrant flowers, born on spikes from three to five inches long. Is in bloom nearly the whole season and the perfume is so fragrant that the whole atmosphere around is perfumed. Pkt. 5c.



**NIGELLA.** (*Love in a mist.*)



NIGELLA.

thin to one foot apart. H. A. Pkt. 5c.

**NASTURTIUM.**

One of our most beautiful garden plants for bedding. Their close, compact growth and rich colored flowers make them desirable for every garden; should be grown in rather poor soil. H. A. Tom Thumb. Packet, 5c.

**OXALIS.**

Very beautiful plants with rich colored flowers, suitable for rock work and rustic baskets; very nice for borders; hhp. Tropaeoloides. 10c.

**PASSION-FLOWER.**

Handsome, rapid climbers, for greenhouse decorations and sunny positions in the open ground in summer. 10c.

**Peas, (sweet.)**

No praise is needed for these lovely, deliciously perfumed climbers further than to state they have become unusually popular in the last year or two, our sales having more than doubled the past season, which is, no doubt, owing to the charming new large flowering varieties that have been introduced lately. They are now "the fashionable flower," and little bunches of them worn, carried or in vases are seen continually. ha. climbers; 4 to 6 ft. choice mixed. 5c.

**POPPY.**

Very showy and desirable, as they are easily grown, and make a brilliant appearance; they should be generally cultivated. Carnation Double mixed. 5c.



**PANSY.**

These handsome flowers are favorites with every one, not only for the brilliancy and variety of their colors, but for the durability of their bloom. We have imported our seed from the very best English, German and French florists and can recommend it highly.

Seed may be sown in open ground in spring or summer, or in hot bed early in spring. The plants should always have a cool, partially shaded situation, and the ground cannot be too rich. Transplant when an inch high. Seed sown in July will blossom late in autumn; if sown in October, will bloom the following spring.

Pansy, Fine mixed, good quality, 10c.

Pansy, Extra choice mixed, from named flowers, embracing sixteen strikingly beautiful colors, pkt. 10c.

Pansy, German mixed, 10c.

--- Black, 10c.

Pansy, Choice large flowering, 10c.

**Superb English Fancy.**

This Pansy, we believe to be the finest strain of English Fancy in cultivation, saved from the finest named and seedling sorts. Packet 25 cents.

PETUNIA, striped & blotched.





**Petunia.**

Favorite plant, succeeding well in any rich soil. For the brilliancy of their colors, abundance of flowers and the long duration of their blooming period, they are indispensable in any garden, and are also highly prized for growing in pots for the green-house or sitting room. Hardy annuals.

- Petunia Striped & Blotched, mixed. 10c.
- Marginata fine green border, 25c.
- Hybrida fl. pl. Double, 25c.

**Phlox Drummondii.**



PHLOX.

The seeds can be planted in open ground in autumn or spring.

Remarkable for the brilliancy and abundance of their large, terminal flowers, completely hiding the foliage. The blossoms are of many colors from pure white to deepest purple, eyed and striped.

Give good, rich ground and set plants six inches apart each way. h a. 1 ft. high  
Phlox Drummondii, mixed. 10c.



**Dianthus Pink.**

The family of Dianthus is far the most useful of all the biennials, and for beauty and variety, cannot be surpassed. The double and single varieties with their rich and varied colored flowers, are unsurpassed in beds or mixed borders.

- Chinese Pink, Double White. 10c.
- Dianthus Heddeewigii, Double, 10c.
- " Laciniatus double mixed, 10c.
- " Imperial " " 10c.
- " All colors " " 10c.

**DIANTHUS Caryophyllus.**  
(See Carnation Pink.)

**Portulaca.**



One of the easiest cultivated summer flowers, and one of the most effective. It does best in sunny places produces a profusion of various colored flowers.

Our Double Portulaca is saved from the finest double flowers and we believe they will produce a larger percentage of double flowers than any other strain offerd.

- Portulacae splendidi mixed, single. 5c.
- Portulacae Double, choice mixed, 10c.



**PRIMULA Sinensis.**  
(Chinese Primrose.)

The "Chinese Primrose" is a great favorite for winter blooming; the following is pretty and attractive, the flowers borne in clusters, are perfectly charming and bloom freely all through the winter and spring. This is one of our best pot plants for winter and spring blooming. Sow seed in rich soil, dusting a little fine earth over them; if covered too deeply, or the seed be wet and allowed to dry they will not germinate. Transplant into pots for winter. tp. height 6 to 9 inches.

Primula, Chinese Primrose, 10c.  
 --- --- --- Carmine  
 and rose varieties..... 25c.

**SENSITIVE PLANT.** (Mimosa.)



Sensitive Plant, Mimosa. 5c.

**WHITLAVIA.**

Charming H A. with beautiful bell-shaped flowers. Whitlavia Grandiflora. 5c.

**Sweet William.**

(Dianthus Barbatus.)

A bed of finer varieties. Sports into an endless variety of colors, which makes a beautiful sight. The plants will bloom several years. Hardy perennial: one and a half feet high



Sweet William, auricula flowered. 5c.

**SALPIGLOSSIS.**

Ornamental autumn blooming annuals with curiously penciled and marbled funnel-shaped flowers. Bloom from August till October. T A.

Salpiglossis, hybrid dwarf mixed, 10c.

**Stocks.**

For brilliancy, variety of color, profusion and duration of bloom they are unsurpassed; adapted equally well for massing or pot culture. The Ten Weeks Stocks are the variety mostly cultivated; they generally bloom in



TEM WEEK STOCKS. ten or twelve weeks after sowing the seed, they have flowers of much beauty and fragrance.

H A. one foot high.  
 German or Russian, Ten-week double fine mixed. 10c.

**WILD FLOWER GARDEN.**

Mixed Seed, embracing many varieties of pretty Annual Flowers. Useful for Woodland Walks Road-sides, &c.

Wild Flower Garden mixed, 10c.

**VERBENA.**

No plant is more generally cultivated, or more eagerly sought after than the Verbena, and no plant excels it for masses in beds on the lawn. In the varieties may be found every color except yellow. They flower perfectly well from seed sown in spring. t p. one foot high.



VERBENA HYBRID.

Verbena, Hybrid choice mixed, 10c.  
 -- -- pure white, 10c.

**ZINNIA.**

The Zinnia is one of our most showy plants, easy of cultivation, so handsome that it will always be popular. The double sorts usually grow about two feet high, producing flowers of many colors, almost as double as the Dahlia.



ZINNIA.

Zinnia Elegans, choice double mixed, finest colors, 10c.

- What we will send Post-paid for 25c.
- Alyssum Sweet, flowers white. 5c.
  - Aster, resembling a double rose 10c.
  - Candytuff, Iberis sweet scented, 5c.
  - Mignonette, sweet large flowered, 5c.
  - Pansy, choice seed, fancy colors, 10c.
  - Phlox Drummondii mixed, 10c.
  - Sweet Peas, fancy climbers, 5c.
  - Total, 50c.

We send these all for 25c. to introduce our seeds more thoroughly.

**SNOW-WHITE GLADIOLUS.**

This is the best White Gladiolus ever offered to the public. In purity, form substance and size it is unsurpassed. Price 35c. each; 6 for \$1.75. \$3.25 pr. doz.

**VIOLET.**



The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume the whole room. Violet is an emblem of faithfulness. H. P. four inches high.

Violet odorata perpetual, 10c.



**NEW GLADIOLUS**

“Snow-white.”

# FARM AND GARDEN TOOLS.

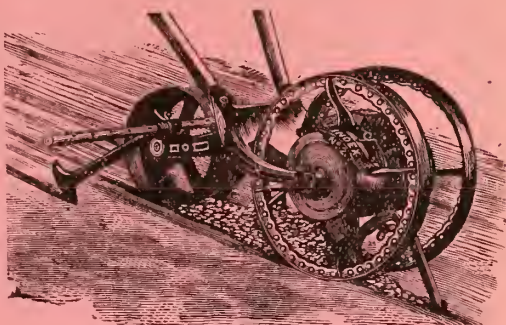
This famous line of Tools has long been the most complete and popular made, and we offer them this season with further improvements and with confidence that all purchasers will be delighted with them. Send for the full descriptive 1890 Catalogue; forty illustrations.

## The "Planet Jr." No. 2 Seed Drill

Sows all garden seeds accurately, at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage in the most perfect and reliable manner. It holds 2½ quarts. It has no cams, levers, brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; it is remarkable for simplicity, strength, and for ease and perfection of work in the field. No one having use for a seed drill can afford to buy any other; it is the best.

PRICE, BOXED, \$9.00.

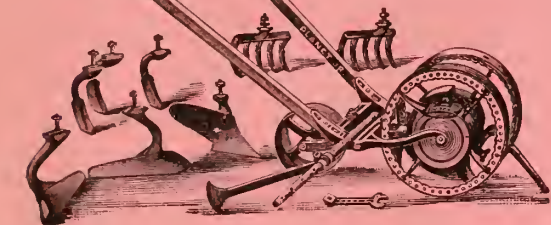
Truckers, market gardeners, onion growers and all who raise vegetables in quantity, should supply themselves also with the "Planet Jr." Double Wheel Hoe (described later).



## The "Planet Jr." Combined Drill,

WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

This tool is unrivaled in beauty of design, perfection of finish, convenience and capacity for work; it is suitable for either the farm or the garden. As a Seed Drill it is the same as the No. 2 (see description above), except in size. It holds one quart. For after-care of the crop it is supplied with a pair of rakes, a pair of long hoes, three reversible cultivator teeth, and a large garden plow. As a Rake, it is invaluable in preparing the ground for planting, and also for delicate after-cultivation of the crop and for covering seeds, etc., etc. As a Hoe, it works safely and closely both sides of the row at once when plants are small; between rows when plants are large, working all rows up to 16 inches wide at one passage. As a Plow, it opens furrows, covers them, hills, plows to and from, etc. As a Cultivator, it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel.



PRICE, BOXED, \$12.00.

## The "Planet Jr." Double Wheel Hoe,

CULTIVATOR, RAKE AND PLOW COMBINED.

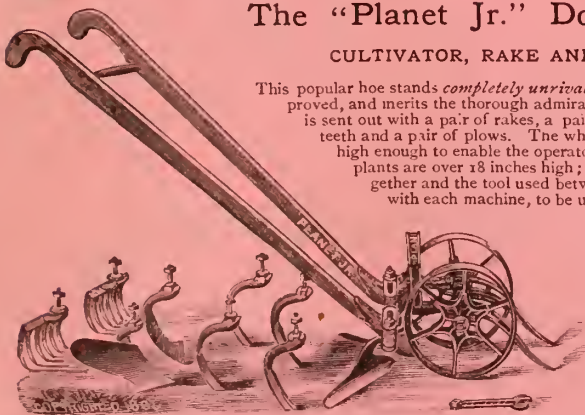
This popular hoe stands *completely unrivaled*: it is simple, strong, complete and improved, and merits the thorough admiration of every practical gardener. Each tool is sent out with a pair of rakes, a pair of hoes, two pairs of reversible cultivator teeth and a pair of plows. The wheels are adjustable in height, and the arch is high enough to enable the operator to work both sides of the row at once until plants are over 18 inches high; then the wheels can be set to run close together and the tool used between the rows. Leaf guards (detachable) go with each machine, to be used when plants extend into a wide row. This tool is light, very simple, very strong, made of the best material and highly finished, and nothing exceeds the perfection and variety of work it performs. It will do the work of six men with ordinary hand hoes.

PRICE, BOXED, \$8.00.

### Plain Double Wheel Hoe.

To meet a demand from some sections, the "Planet Jr." Double Wheel Hoe will be offered with only one pair of Hoes and

without leaf guards, as the "Planet Jr." Plain Double Wheel Hoe, at \$4 50. This makes a very effective and cheap tool for parties who have limited work or chiefly hoeing.



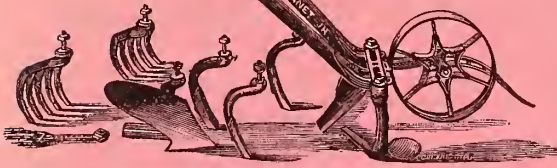
# The "Planet Jr." Single Wheel Hoe,

CULTIVATOR, RAKE AND PLOW COMBINED.

In remodeling this tool, care has been taken to combine lightness, great strength, variety and adjustability of tools. It has *one pair of garden rakes, one pair of long hoes, one set of reversible cultivator teeth, a large garden plow and a leaf guard.* All the blades are tempered and polished steel. This tool is pronounced by practical men without an equal in design and finish, ease of operation, variety of adjustment and perfection at work; and in this improved form it is unquestionably the lightest running, the most convenient and practical Single Wheel Hoe known.

The form of the hoes insures a forward slanting cut next to the plant, and consequent close work *without danger*, and at the same time thorough *cultivation of the soil.* The rakes and cultivator teeth, in combination with

the hoes and plow, enable the operator to perform almost every variety of work, either in the field or garden. A leaf guard (detachable) is very useful in late hoeing. All rows from 6 to 18 inches apart can be perfectly hoed at *one passage.* The frame allows every desirable adjustment, is quickly raised or lowered to regulate depth, and the wheel can be attached centrally or at *one side of the machine*, giving the operator the *important advantage* of hoeing both sides of the row at one passage when desired.



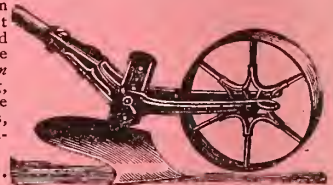
PRICE, \$6.00, BOXED.

# The "Fire-Fly" Single Wheel Hoe, Cultivator and Plow Combined.

This convenient tool has rapidly convinced gardeners of its high merits. It combines lightness and strength with great adjustability, while its highly polished and tempered steel tools make gardening comparatively a pleasure. The tools are all made after the most perfect models, and are: First, a pair of ad-

mirable hoes, which can be set to work to and from the row, and to any desired depth. Next, a set of *three reversible cultivator or teeth*, to be used together or singly, or in conjunction with the hoes. Third, a *large excellent garden plow.* The whole tool is light and strong, attractive in appearance and capable of standing hard usage for years, while the price is its final recommendation.

PRICE, \$5.00, BOXED.



## The "Fire-Fly" Wheel Garden Plow

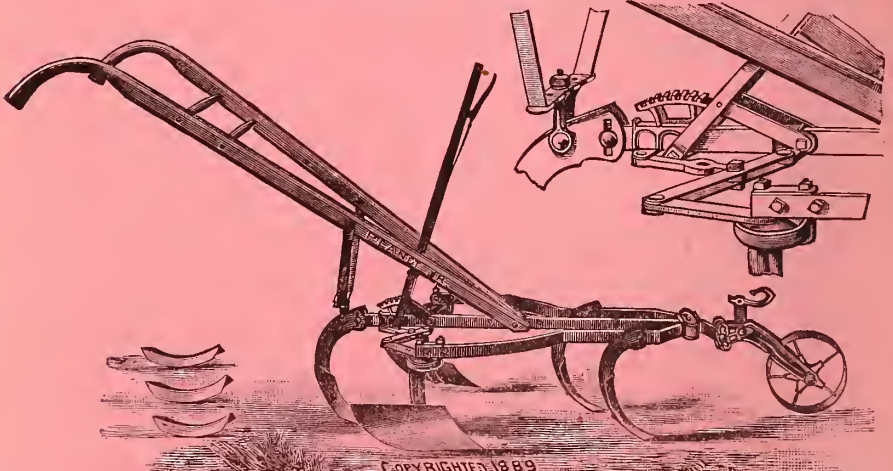
Makes the care of a vegetable garden a pleasure, and 10,000 families who could not find time to keep a garden, if attempting cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the "Fire-Fly." It takes the place of the horse and plow or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season.

PRICE, \$2.50.

# The "Planet Jr." Steel Horse Hoe,

CULTIVATOR, FURROWER, MARKER, COVERER, VINE TURNER, Etc.

SEND FOR FULL CATALOGUE.



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This famous tool as made for 1890 is a beauty. It now has a quick and powerful *lever adjustment for width*, and also an *easy sidewise adjustment of the handles*, grand among hops, grapes, pole beans, tobacco, etc., and for making plant and seed ridges. Besides, it has the patent hollow steel standards, parallel frame, stiff hinges, reversible hoes, star wheel, etc., each valuable in its place. PRICE, \$12.00. Extra Attachments. Furrower and Marker complete, price, \$3.75; Covering Rake, \$1.25; Covering Roller, \$2.50; Vine Turner, \$2.00.

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**Plaster &c. Lace Leather &c Wholesale & Retail.**

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**Hot Water Heating** For all kinds of buildings

Send for Circular.

**Quantity of Seed Required of a Given Number of Plants, Number of Hills or Length of Drills.**

Asparagus.....	1 oz. to 50 ft. drill	Pole Beans.....	1 qt. to 150 hills
Beet.....	1 oz. to 50 ft. "	Corn.....	1 qt. to 200 "
Cabbage.....	1 oz. to 150 ft. "	Cucumber.....	1 oz. to 50 "
Carrot.....	1 oz. to 150 ft. "	Early Squash.....	1 oz. to 50 "
Celery.....	1 oz. to 300 ft. "	Marrow Squash.....	1 oz. to 16 "
Endive.....	1 oz. to 150 ft. "	Musk-Melon.....	1 oz. to 60 "
Okra.....	1 oz. to 40 ft. "	Water-Melon.....	1 oz. to 30 "
Onion.....	1 oz. to 100 ft. "	Pumpkin.....	1 oz. to 40 "
Onion sets, small.	1 qt. to 20 ft. "	Cabbage.....	1 oz. 2000 plants
Parsley.....	1 oz. to 150 ft. "	Cauliflower.....	1 oz. 2000 "
Parsnip.....	1 oz. to 200 ft. "	Celery.....	1 oz. 3000 "
Radish.....	1 oz. to 100 ft. "	Egg Plant.....	1 oz. 1000 "
Salsify.....	1 oz. to 70 ft. "	Lettuce.....	1 oz. 3000 "
Spinach.....	1 oz. to 100 ft. "	Pepper.....	1 oz. 1000 "
Turnip.....	1 oz. to 150 ft. "	Tomato.....	1 oz. 1500 "
Leek.....	1 oz. to 100 ft. "	Turnip.....	1 1/2 lb. per acre.
Dwarf Beans.....	1 qt. to 100 ft. "	Potatoes.....	8 bu. " "
Peas.....	1 qt. to 100 ft. "	Lawn Grass.....	3 bu. " "



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