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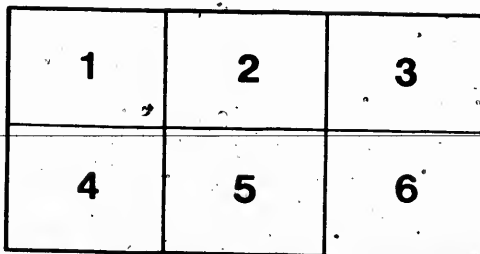
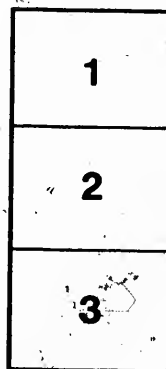
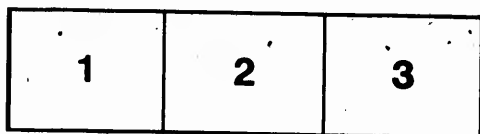
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# THE STEELE BROS. LTD.



Interior View.

130 & 132 KING ST. EAST.

TORONTO, ONT.

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Colchichium	22	Echovaria</					

# New Spring Wheat Campbells White Chaff

(A MOST PROMISING VARIETY)

**T**HIS remarkable new variety has now been grown in Canada for several years, and when tested has proved itself admirably adapted to our climate. It originated in Simcoe County, near Georgian Bay, in one of our finest wheat-growing districts. Mr. David Campbell, the originator, selected it eleven years ago—for some years it changed somewhat in character, but the type has now become fixed. It seems to possess every essential quality necessary for successful cultivation in our climate. We have secured the whole stock of this **Grand New Spring Wheat**, and feel that we are offering a wheat that will give our customers the greatest satisfaction, as it has been tested the last two years on Experimental Farms, Ottawa, and far excelled all other varieties tried there. (See Prof. Saunders' letter). Campbell's White Chaff is a bald wheat, club shaped, with a compact and rather heavy head, well filled to the top, and is a very good thrifty grower, standing profusely, for which reason 8 pecks of seed is quite sufficient for an acre. It grows a strong straw from 2½ to 3 feet high, and of a deep green color which it maintains till ripening, matures from 10 days to 2 weeks earlier than other standard varieties. The grain is white, thin-skinned, and very plump. Our engraving shows the wheat as it appears from two sides. As the supply of Campbell's White Chaff Wheat is limited, we advise early orders, as we can not fill any orders after the stock set apart for sale this season is exhausted and we advise every person who wants to make the most money-raising wheat to get a start this season. It will be much cheaper to buy a small lot now and raise your own seed than to buy a large lot in a year or two, to say nothing about what you will lose if you don't supply your neighbors with this wheat at a high price, which they will be willing to pay as soon as they see it growing. Here is an opportunity for farmers, who are enterprising, to increase their income considerably by introducing this wheat. It can be done, as we know the variety is all right and all that can be raised in the next two or three years will be wanted for seed at high prices as the supply is very limited. We claim that this is one of the earliest Spring Wheat grown. Prof. Saunders writes:—

MESSRS. THE STEELBROS. CO.

EXPERIMENTAL FARM, OTTAWA, DEC. 29th, 1890.

GENTS.—We have had two years' experience with Campbell's White Chaff, and it has yielded the heaviest crop of any of our spring wheats. Last year the crop was 30½ bush., when our best crop of any other variety was 30 bush. I have examined this grain very closely for the past two years in all stages of its growth, and I think it to be the most promising spring wheat for Ontario in the east we have handled. It is a bald wheat, club shaped, with a compact rather heavy head and a very good and thrifty grower.

Yours truly,

WM. SAUNDERS.

PRICE:—By mail, post-paid, 1 lb. 25c.; 5 lbs. \$1.00. By freight or express, ¼ bush \$1.25; ½ bush, \$2.00; 1 bush, \$3.75; 2 bush. or over at \$3.50 per bush. Bags 20c. each.



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# THE STEELE BROS. CO. LTD.

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Cost of Carriage

Checked by

Admitted by

MARK EXPOSITIVE (VARIETY SEEDS)  
 AMATEUR.....  
 GARDENER.....  
 FARMER.....  
 FLORIST.....

Every order must be accompanied with remittance, either by Registered Letter, Draft, or Post Office Money Order, and for full amount covering the order, otherwise the value of remittance only will be sent, by sending remittance order. Please do not ask for time or credit on orders, as we positively give none. We send no goods C. O. D. The S. B. Co. give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter of any seed they supply, and will not be in any way responsible for the crop. If the purchaser does not accept the Seeds on these conditions they must be returned at once.  
 NOTE.—Safe arrival of all packages forwarded by mail guaranteed. See Pages 2 and 3 of Catalogue for information to purchasers.

### FLOWER SEEDS

When ordering Flower Seeds you need only give the number of packets wanted and the name corresponding to the variety and price per packet, which will save the writing of long and difficult names.

AMOUNT.  
 Catalogue Price \$      No. of Catalogue Pkts \$      QUANTITY  
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### BULBS, ROSES, VINES, PLANTS, ETC.

Prices in Catalogue include postage. These will be sent same as charges from these points. Write name plainly on envelope. Return and Vines before last of May; they cannot usually be sent earlier than that time.

NAME ON VARIETY WANTED.      Pkts.      Amount.

Brought forward.

Brought forward.

See pages 2 and 3 of Catalogue for information in particulars.

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Assocy. \$ C No. of Catalogue Price \$ C No. of Packets. No. of Packets.

### BULBS, ROSES, VINES, PLANTS, ETC.

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NAME OF VARIETY WANTED. PRICE \$ C. QUANTITY \$ C.

Brought forward.

Brought forward.

Amount to read

Amount forward

Amount forward



# VEGETABLE AND FIELD SEEDS, SEED GRAINS, ETC.

\* Please note that all seeds are packed in packets, ounces and quarter pound prices include postage; but when ordered at the pound prices, four cents for each pound must be sent in addition to catalogue prices, to prepay postage.  
 Seed Grain, Clover, Timothy, etc., are delivered free on cars at Toronto, the purchaser paying freight on arrival of the goods.—See *Pages 2 and 3 of Catalogue.*

Bushels.	lbs.	Oz.	Pkts.	NAME OF VARIETY.	Price.	Amount.
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Amount brought forward ..

TEAR THE ORDER SHEET, SEPARATE WHERE PERFORATED.

PLEASE DO NOT TEAR THE ORDER SHEET.

Amount of order. \$

**FOR REMARKS.**

Do not mix up the order with questions requiring answers, as it often causes trouble and sometimes mistakes or omissions. Please write in this space any remarks. SPECIAL NOTICE.—We shall appreciate it as a special favor if our friends and customers will write in the blank below the names of some of their acquaintances who will be in need of Seeds.



tude of our business and the care necessarily employed before seeds are shipped or mailed, and we trust these visits may prove of interest to all.

## OUR WHOLESALE WAREHOUSE

As shown on back of Catalogue, contains nearly two acres of floor space, and is fitted up with the latest and most improved seed cleaning mills, printing presses and all necessary appliances for economical working of our vast business. Of the millions of packets of seeds we send out annually, the larger proportion are made and printed on our own premises. Here all seed grain, clovers, etc., are carefully reseeded either for export or for home trade—and storage supplied for the car loads of imported foreign grown seeds. OUR COMMISSION DEPARTMENT, supplies thousands of cases of seeds to the vast army of merchants, who from the Atlantic to the Pacific handle our seeds—to visit these annually and settle accounts, requires twelve travellers—truly our business is national in its character.

## OUR RETAIL ESTABLISHMENT

At Nos. 130 and 132 King St., East, (opposite St. Lawrence market) is the best equipped in the Dominion. And one that we feel justified in saying is in keeping with the times, and a credit to the "Queen city." It is handsomely fitted up and well lighted, and customers who select their own garden seeds and other requisites in person, will find, not only the finest quality and largest assortment, but a pleasant resort as well, with polite and prompt attention from our efficient corps of assistants. Visitors to Toronto will find our store one of the most accessible in the city. The Sherburne, Winchester and Parliament Street Cars from Union Station all pass our door every fifteen minutes.

## TORONTO

For the benefit of our readers who have never visited our thriving, beautiful City of 200,000 prosperous people, we would say that we are almost in the centre of the Dominion. We are the "Hub," and the various railways and steamboat lines radiating from here form so many spokes that make the wheels of commerce revolve. Our facilities for prompt shipment with various express companies, steamboats and railways are unequalled, and Her Majesty's mail carries numerous orders to, and parcels from our doors, daily. Our customers can rely upon rapidity and cheapness in transportation, an important item in the plant and seed business.

## HIGH GRADE SEEDS

are what we are continually aiming at, and as we believe in the saying that "continually striving at it brings success," we have as you see **MAILED OUR COLORS TO THE EAST AND MEAN TO KEEP THEM THERE.** We assure our Patrons it is our **HIGH GRADE SEEDS, etc.,** which have in so short a time brought to our establishment its enormous business. We founded our business with a determination to furnish a grade of goods which should, in general, be of greatly superior quality. Now we feel we have succeeded in doing this, our numerous customers in all parts of the Dominion can testify.

## NOVELTIES

The unusual number of Novelties herein offered justifies us in calling special attention to the fact. We question if ever before in a single season has any house offered such an array of **NEW** things as we this year present, most of which have first been tried and found to be of such unusual promise that we feel safe in predicting that they will take their position with our former novelties, that have secured a prominent place in cultivation.

## OUR CATALOGUE

With the new year we present you with the most complete catalogue we have ever sent out, and to it we have added many new illustrations. In making our catalogues it is our aim to give descriptions free from all appearance of outrageousness, and to make our engravings as true to type and natural as possible, considering well the fact that a seedman's catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our catalogue serviceable and as clear as possible. We wish to return our

**HEARTY THANKS TO OUR GENEROUS CUSTOMERS OF 1890,** and assure them that for 1891, we are in better shape to promptly and carefully execute all orders they may entrust to our care. **TO THOSE RECEIVING OUR CATALOGUE FOR THE FIRST TIME,** we respectfully request a comparison of prices and stock, and earnestly solicit a trial order.

As thousands of our people visit this metropolitan city throughout the year, we extend to them our cordial invitation to call upon us, inspect our premises, and judge for themselves the accuracy of what we say. Visitors are always welcome. Hoping to be early favored with your esteemed orders, continued kind words, and orders of many new friends.

We remain, very truly,

The STEELE BROS. CO., Limited.

R. C. STEELE, President  
G. E. BRIGGS, Vice-President

W. M. MAROON, Secretary  
J. W. HOGG, Treasurer



The Bone and Siew of our Country





**CUCUMBER, NEW PARIS PICKLING**

The PARIS PICKLING is entirely distinct from all sorts hitherto known, and is decidedly the best of all in quality for pickling. The young Cucumbers, when of the proper age for picking, are slim and slender, from three to five inches in length, and the entire surface of the skin is covered with small, fine, black, hairy spines. When the anacardic matter, or the character of the pickles is known it must surpass all others in popular favor, while from the very first its unique appearance will make it of great value in the manufacture of pickles and other mixed pickles. So crisp and brittle are they that they snap freely, and, when ready for pickling, show absolutely no sign of seeds. At the pickling stage, the fruit, size of an average cucumber, is of a dark green color—so deep that an coloring matter is necessary in preparing them for market. In fact PARIS PICKLING is altogether unsurpassed in quality. Per pkt., 15 cts.; 2 pkts. for 25 cts.



PARIS PICKLING CUCUMBER



**Early Express Cabbage**

A new and improved strain of celebrated cabbage, which produces fair-sized, good, marketable heads in seventy-five to eighty days from sowing the seed. It makes this Wonderful Cabbage fully two weeks ahead of any known variety. Market Gardeners can, of course, realize what a bonanza this is to the pocket-book of the cabbage grower, in the spring markets. It has few loose outer leaves, and every plant forms a good head. The head is well depicted in our illustration, taken from nature. It will produce a larger crop than any other variety, from the fact that it can be planted closer together. Per lb., \$3.50; 1/2 lb., \$1.00; 1 oz., 60c.; 1 oz., 35c.; pkt., 10c.

**MAMMOTH SAGE**



**New Mammoth Sage**

The plants are very strong growing, the first season attaining 1 foot in height, and spreading so that a single plant covers a space of 3 feet. The leaves are borne well above the soil, keeping them clean. They are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy; it rarely flowers, and never runs to seed. Price 2 plants for 25c.; 5 for 50c.; each, 15c.; mail post paid.

**CELERY, NEW GIANT PASCAL**

This new variety is the result of careful selection from the well known "Golden Self-Blanching" Celery. It partakes of the nutty flavor of that excellent variety, and in taste is not at all bitter or stringent. It grows about two feet high, with stalks that are broad, crisp, not stringy, very large and broader than those of any other. Before blanching it is green, with heart of a golden yellow and very full. It is very easily stored up, retains its crispness, and is a fine shipper. For late winter use, it is the ideal celery, as it retains its crispness. Per pkt., 10c.; per oz., 5c.; 2 oz., 8c.; 1/2 lb., 1.00; 1 lb., 1.50.



GIANT PASCAL CELERY



**Mustard**

**New Chinese.** Leaves twice the size of the ordinary white mustard; more succulent, of deeper green; flavor pleasantly sweet and pungent. 1 oz. 10 cts.; 1/2 lb. 50 cts.; 1 lb. 1.00.

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# THREE NEW TOMATOES



## EARLY RUBY TOMATO.

We believe we are safe in saying that it is by far the earliest of all the large-sized Tomatoes which combine good form, color and solidity, and that it is certain to prove the leading market variety. The peculiar habit of the plant, as shown by the cut, is a distinctive feature of this variety, and is the reason why it is earlier than any other variety, the sun having a better chance to reach and ripen the fruit than in more upright and compact varieties. The engraving is taken from a plant photographed in the field, July 30th. Any one familiar with Tomatoes will see that it shows an unusual quantity of fully developed fruit for that early date. Per pkt., 15c.; 2 for 25c.

## NEW YELLOW PEACH TOMATO

This is the exact counterpart of the Red Peach sort, except in color, which is a deep lemon yellow. It has the same soft leathery skin which is such a distinguished feature of the Peach variety, and is equally desirable for cooking purposes. It is quite an acquisition for exhibition purposes, and for table decoration. Both this and the Red Peach have a flavor peculiar to this variety, and is without a rival for eating from the hand; the skin is thin and may be easily pulled. Price, per pkt., 15c.; 2 for 25c.

## THE NEW STONE TOMATO

ripens for main crop; is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon shaped; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed (as its name indicates); is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit.

For five years this Tomato has been subjected to the most careful testing, and we have found it to possess several superior qualities and distinct characteristics. We believe it to be the coming Tomato for market gardeners and canners. Per pkt., 15c.; 2 pkts. for 25c.



## WHITE NEST EGG.

Also called Japanese Nest Egg. Gourds, resemble in color, shape and size, the eggs of hens, they do not crack, and are uninjured by cold or wet, and therefore make the very best nest eggs. As the plant is a rapid-growing climber, it is very useful for covering screens, etc. Per oz., 25c.; pkt, 10c.



## NEW GARDEN LEMON

We are pleased to introduce this to our customers as well worthy their attention. Prof. Saunders, Experimental Farm, Ottawa, says: "The Garden Lemon is a very interesting fruit, about the size of a lemon, bright golden color, pulp about 1/2 an inch thick; agreeable, pleasant flavor, sub-acid, with the essence of the Milk Melon; a desirable addition to the list of new fruits." Cultivate like Milk Melon, in hills 2 feet apart each way. Directions for cooking on each packet. Price, pkt., 15c.



## THE DIPPER GOURD

This variety is useful for many household purposes. They are easily prepared for use as dippers, will last for many years, and are particularly valuable for dipping hot liquors—the handles do not readily become hot. Dippers of various sizes, of a capacity of from a pint to a quart and a half, can be had from a few vines. Oz., 25c.; pkt., 10c.

SWEET CORN

RED COB EVERGREEN

yellowish or canary yellow shades with bluish green than ordinary. It grows very sharp, and

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### GOLD COIN SWEET CORN

It remarkably distinct and handsome in appearance, exciting the admiration of all gardeners, and without doubt the most valuable variety ever introduced. Enormously productive; almost always yielding two, and frequently three, enormous ears to the stalk. For the past three years the New Gold Coin has been compared in all points with Stewart's Evergreen, and in sweetness and delicacy of flavor it surpasses the old favorite. So far, it has ripened ten days earlier, and, in size, one-third larger. The cob is snowy white, compactly covered with large, deep grains. Last season the bulk of the crop would have been gathered at any time during a period of four weeks, and have been found in fit condition for table use. By Express, 1 lb., \$1.75. Post paid, 1 lb., 60c.; 1/2 lb., 35c.; per pt., 10c.



### RED COB EVERGREEN SWEET CORN

This valuable new variety, "Red Cob Evergreen," is a sport from the "Stewart's" which has long been the standard and favorite in all parts of the country. This new variety is destined to eclipse in popularity its famous parent, it being a week to ten days earlier, and is enormously productive, bearing three to four ears to a stalk; the ears are set low on the stalks, and are very thick and regular in size—16 rowed—very deep and of the most delicious quality, remaining tender and milky for a long time. This variety is very distinct when in the dry state, both kernels and cobs being of a deep red color. Price, per pt., 15c.

We believe we are safe in saying that it is a variety of good form; color market variety. The distinctive features of other variety, the sun more upright and com- atographed in the field, it shows an unusual

### COMATO

in color, which is a which is such a distin- for cooking purposes. ble decoration. Both ety, and is without a may be easily pulled.

ripens for main crop; is very large, and of specimen very slightly thick; exceedingly solid per; quality the very not subject to rot; variety; its vines and specimens of fruit. most careful testing, and distinct character- market gardeners and



This variety is useful for many purposes. They are easily and last for many years. Valuable for clipping. Do not readily become dried, of a capacity of and a half, can be had per pt., 10c.

SWEET CORN  
RED COB EVERGREEN



THE FIGURES 1 2 & 3 INDICATE WHITE, YELLOW & RED



### RUBY GOLD WATERMELON

In shape it is long, often two feet or more, and frequently weighs as high as fifty pounds, though its average weight is about forty pounds each. Its flesh is solid, pure golden yellow, variegated with streaks, and layers of bright pink or ruby red, which often appear in a star-shape form. This makes it at once the most beautiful, odd and novel melon ever seen. It is also as much superior to other Melons in quality as it is in beauty. It has a sweetness and lusciousness which no other melon possesses, being tender and melts in the mouth like ice cream without a particle of corn or stringy substance. It is very juicy, and does not lose when it becomes over-ripe like most sorts. It is solid to the center, and ripens close to the rind which is very thin. It is a hardy, robust grower, medium early, and sure to give a good crop. Per pkt., 15c.; 4 pkts. for 50c.

### PEPPER KALEIDOSCOPE

This new pepper is of beautiful habit, has long wavy branches, which are loaded with drooping fruit, the size and shape shown on plate. From the time the peppers form until fully grown, they are of a light, yellowish cream color. When fully grown they commence to change color, first to a lovely canary yellow, then to a deep orange, then to a rose or pink, and so on through different shades until they are an intense scarlet, vivid and luminous. As may be imagined, a plant bearing hundreds of peppers, which show six or eight distinct colors, is an object of more than ordinary beauty. It is sure to become a favorite pot plant as well as a useful vegetable. It grows very freely in the garden or in pots and bears enormously. Its flavor is clear and sharp, and for any use to which a pepper can be put, it is second to none. Price, per pkt. 15c.



## Giant Pera Cucumber

### New Giant Pera.

This magnificent variety was first brought here from Turkey. They are of the most delicious flavor, no other cucumber we have ever eaten surpassing them. Another remarkable quality is that they are very crisp and tender at all stages, and can be eaten at any time during growth. They grow to an enormous size, frequently to one and one-half feet in length and ten to eleven inches in circumference; very smooth and straight, with a beautiful green skin. The vines grow vigorously, fruit sets near the hill and grows closely together, making them exceedingly prolific. The seed cavity is very small and the seeds are slow to form and few in number. Per ca. 25c.; pkt., 10c.

## STACHYS AFFINIS

Chinese Artichoke or Vegetable Whitebait.—This new vegetable which we now offer for the second year is attracting wide attention. In England the agricultural and garden papers are praising it extravagantly and it is evident we have not known or appreciated its great value. Cooked like whitebait it is said to be a most excellent substitute for that popular dish. The bulbs are the size and shape as seen in the cut, and taste much like the tuber of an artichoke, and are good cooked in a variety of ways, fried, roasted, baked, etc. Planted the past season in ordinary soil, they yielded

a bushel of tubers to every ten feet of row. The bulbs are very sweet, tender and nutritious. They are perfectly hardy, and like parsnips or artichokes are best if left in the ground till spring. They are then very sweet and delicious. Price of fine tubers, 15 cts. per doz.; 90c. per 100; \$5 per 1,000 (post-paid.)



## SOUTHPO WHITE GLOBE ONION.

A large globe shaped Onion, firm, fine grained, of mild flavor, large root. This is one of the handsomest onion grown of Southport, clear white skin, and grows into the largest market sizes. Our growing is an exact reproduction of a fine specimen, and shows their handsomely. Be sure to try this variety. Per lb. 25c.; 1 lb., 50c.; 10 lb., 50c.; 100 lb., 50c.; 1000 lb., 50c.

## SOUTHPO RED GLOBE ONION.—Same as above in description and price.

The past season has substantiated the claim that this cabbage is new in kind, the heads are as large as the Fine Dutch and always of deep red color, but only on the outside, but to the center. The roots and carefully grown stock on side will under full cultivation, produce in every plant a big, solid, deep red cabbage, handsome and high y. satisfactory to the grower. This is by far the best Red Cabbage in existence. Per lb. 25c.; 1 lb., 50c.; 10 lb., 50c.; 100 lb., 50c.; 1000 lb., 50c.

## NEW UPLAND CRESS

It has the identical and highly prized flavor of the Water Cress; it is as hardy as an ice cream and grows nearly the whole year, and starts late growth and is ready for use before any other cress in the spring. Can be eaten like lettuce or boiled as spinach. It is, perhaps one of the best new and distinct vegetables of the class that has been selected for some years. Per lb., 10c.

## DISHCLOTH GOURD

This remarkable plant derives its name from the peculiar lining of its fruit, which is a spongy, tough and very durable substance which renders it very valuable as a natural dishcloth. The leaf is about two feet in length, and the large yellow flowers, produced on very ornamental vines form a pleasing contrast to the silvery shaded green grass color. Per lb. 25c.; 1 lb., 50c.; 10 lb., 50c.; 100 lb., 50c.; 1000 lb., 50c.



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OUR ART COLLECTION  
OF CHOICE  
SELECTED  
FLOWER SEEDS

**N**O expense has been spared in procuring and preparing the following select collections of **Choice Flower Seeds** in cultivation; the object being to supply our customers with the greatest variety of kinds and shades of colors in each package, that every one in the land may enjoy the pleasure of the most beautiful flowers at the lowest possible cost. It is a new departure in the trade, and one which, we think, will commend itself to all lovers of flowers.

Each package contains a mixture of a greater number of new and rare sorts than could be obtained, if purchased in separate varieties, for ten to twenty times the price.

Each package is handsomely lithographed in colors, representing, as near as possible, the size of flower and some of the colors; the artist, however, can give but a faint idea of the exquisite beauty to which they attain by careful treatment in cultivation.

**MOON FLOWER OR EVENING GLORY.**

A very rapid summer climber, with beautiful foliage; being a free bloomer, the effect on a moon-light night is charming. It is called Moon Flower, although it expands its flowers on dull days. The flowers are pure white, from five to six inches in diameter, emitting a rich Jasmine-like odor at night.

**LARGE FLOWERING PANSIES.**

*Novelty Strains.*

In this superb collection we have an almost endless variety of exquisite shades of colors, including the largest sized flowers in cultivation. Twenty-five distinct varieties mixed.

**NEW FANCY PETUNIAS.**

These Petunias produce a great profusion of flowers, the shape of which is perfect, and the colors and variegations exquisite and attractive, embracing spotted, striped, green-edged.

**PHLOX DRUMMONDI.**

*Charming, New, Large Flowering.*

A magnificent new strain of recent introduction; greatly improved flowers of dazzling color and brilliancy; for a mass of bloom and constant display, it is not excelled by any other annual.



SWEET PEAS  
New Saratoga Fancy

**SWAN RIVER DAISY.**

An elegant little plant growing about eight inches high, with a charming daisy-like flower; very effective for edging, beds, or rustic work.

**SWEET PEAS.**

*New Saratoga Fancy.*

Sweet Peas are to-day among the most popular and fashionable garden flowers. All the new and fancy colors mixed in every package. Our Sweet Peas have no equal.

**NEW IMPROVED VERBENAS.**

*Mammoth Strain.*

Exceptionally choice, including the best varieties in existence; unsurpassed, if equalled, in size and perfection of flowers, and range of colors. Many brilliant shades of color in each packet.

**NEW ZINNIA ZEBRA.**

*A Novelty*

The most beautiful and brilliant selection of Double Zinnias ever offered; they will prove a surprise to every one, their novel and distinct appearance eclipsing anything before seen; many colors mixed.

*Beautiful*

**FAIRY PINKS**

Something new and good from China and Japan. The delicacy and richness of their tints cannot be surpassed, while their aromatic fragrance is decidedly pleasant. They are quite as pretty for pot plants as for the house or lawn. We have taken great care in selecting our seed from many of the choicest colors.

**FRENCH MARGUERITES**

*or Paris Bouquet*

These charming little flowers have fairly leaped into popularity of late, and may justly be styled the Queen of Flowers. They are easily grown from seed, from an inch to two feet high, and flower continuously. Many choice varieties and colors mixed.

**GARDEN POPPIES**

*Single and Double*

The dear old flower which our grandfathers loved so much again occupies one of the first places in our gardens. For brilliant, dazzling colors, these new Poppies are unequalled. Some of the flowers are as large and double as the Fairy, others with strange and handsome markings. Seeds of every shade of color in each package.

*Charming New*

**MIGNONETTE**

*Golden Queen*

A variety so fragrant that the whole atmosphere around is perfumed. Golden Queen can be distinguished from all other Mignonettes as far as it can be seen and is, when in bloom, literally a mass of golden yellow; try it and you will know your expectations.

**ASTER**

*Charming New Victoria.*

Without exception the finest Aster in cultivation; flower very large and perfectly double. An almost endless variety of shades and colors in each package. For an autumn display it has no equal among annual flowers.

**BALSAM**

*Our Champion Price*

The most magnificent strain of perfectly Double Balsam known; our selection includes the large-rose Seward, spotted or French Camellia, and many other equally handsome sorts, and in a multitude of colors.

**CANDYTUFT**

*New Hybrid*

A new and distinct strain of Dwarf Hybrid, sweet-scented Candytuft, perfectly hardy, blooms long and freely, and of easy culture. A great variety of colors, and the sweetest sort in cultivation.

*Superb New*

**DAHLIAS, SINGLE**

*or Mammoth Butterfly Flower*

This charming novelty is the most fashionable flower of the day. In England it has obtained a popularity almost unexampled in a season. Few see seeds that please from seed in the spring, yet these triumphantly the first season, and give quite as good, if not better, satisfaction than bulbs. All the choicest colors mixed, containing some of the finest strains in cultivation.

PRICE FOR ANY OF THE ABOVE "ART COLLECTIONS," 10 CENTS EACH. This is Collections for \$1.00. Any 11 Collections for \$2.00. They will be sent by mail (postpaid) to any address in the U.S. on receipt of price named; no additional discount allowed.

**OUR WILD GARDEN** package contains about 100 VARIETIES. (See page 26)

## Manettia Vine



THIS is the most beautiful and desirable of all vines, as it can be grown either in the house or garden, and is in bloom the greater part of the year. In the house, it can be trained all around a window, and it will be a solid wreath of bloom both summer and winter. In the open ground during summer, it will grow ten feet, branching freely, and covering a large space of trellis, arbor or wall, the cut, and of the most intense fiery scarlet. The flowers are the size shown in the illustration, and are covered with a scarlet mass of hairy substance, which adds much to their beauty, and each flower keeps perfect for weeks before falling. No plant is easier to grow, and it commences to bloom at once from the smallest cuttings, and continues to bloom most profusely at all times. There is not a day during its life that it is without flowers, if it has any sort of decent care. It being quite unknown, and of such striking beauty, either for screens, baskets, vases, windows, trellises, stumps, etc., that it attracts the admiration of every eye.

showing at all times thousands of its bright blossoms. These grand flowers are the most profusely flowering and best perennial Carnations which have ever been grown. They flower most abundantly the first summer. If sown in cold frame in March, and later on open ground, they bloom in August and continue in flower till winter. Price for pot culture in house for winter blooming. Price, per pkt., 30c.

## NEW : MARGARET : CARNATION

These grand flowers are the most profusely flowering and best perennial Carnations which have ever been grown. They flower most abundantly the first summer. If sown in cold frame in March, and later on open ground, they bloom in August and continue in flower till winter. Price for pot culture in house for winter blooming. Price, per pkt., 30c.

## Calliopsis Golden Wave

Probably the most effective of all annuals, for a mass of bright golden color. Plants very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches across, with small dark centers. It will grow in any situation and always be greatly admired. Pkt., 10c.



## PLATYCODON Grandiflora

It is a new hardy plant from Japan, producing all summer abundance of star-shaped flowers, three inches across, of beautiful blue and white colors. Hardy, lives and blooms for years, increasing in size and beauty yearly. Plants grow three feet high and produce beautiful bloom. Blooms first summer from seed. Mixed colors, pkt., 15c.



## VIOLET LADY In White.

Of all the varied plants introduced this is one of the best. For pot culture in the house or planting in the garden, it is equally valuable. In pots grows luxuriantly and loaded with flowers. In the garden it is hardy with slight protection. Its growth is vigorous and healthy, bearing in great numbers very large, perfectly double flowers of pure snowy whiteness and unexcelled fragrance. Per pkt., 10c.



## Schizopetalum

A curious little annual which germinates quick and grows 6 to 8 inches high, producing freely, pretty snow-white incised flowers as seen in the cut. It is also very sweet scented. It grows freely and is one of the many odd and unknown little flowers which is sure to prove attractive.

Whitest, pure white and fragrant, per pkt., 5c.

A New  
A striking variety, the upper shade the peacock, with white  
A  
We have specially, the flowers are a deep brilliant  
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The common condition for white  
Spotted  
Special

Vine

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corative, as it can be  
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# The New Hardy Day Blooming Moon Flower

(Ipomea Pandurata)



**THIS** is the latest acquisition to our list of Hardy Perennial Climbers, and one that we doubt not will give the utmost satisfaction, blooming as it does in the day time. Imagine 1,000 flowers measuring  $3\frac{1}{2}$  to 5 inches across, open on one vine at once; the color being white, shaded to pink and purple at the throat, and the blooming period (although less profusely) extending for several months. Grown with the Night Blooming Moon Flower, we think this new variety will give the utmost satisfaction. This climber has proved quite hardy in the neighborhood of Boston, and with due protection will, we think, do well here.

**PRICE**

Strong tubers, 25c. each  
3 for 60c. (post-paid)

## A New Pansy, "The Peacock"

A striking variety; the form and substance of the flower is very perfect, the upper petals being of a beautiful ultramarine blue, resembling the shade the peacock feather, while the lateral lower petals are of a deep avert, with white margins. Per pkt., 25c.

## A New Yellow Calla Lily

We have succeeded in securing a limited quantity of this fine new Lily, the flowers of which are like the ordinary Calla, except that they are a deep brilliant golden yellow. Bulbs, price, each, \$2.00.

## White Calla Lily, or Lily of the Nile

The common variety of which we have some fine bulbs in best condition for winter blooming. Bulbs, each, 25c.

Spotted Calla, for full description see page 42. Bulbs, each, 25c.  
Special Offer, for \$2.25 we will send one each of the 3 Callas.



WHITE CALLA LILY OF THE NILE



OXALIS GOLDEN STAR (ORTOIS!)

**The Golden Star Oxalis** (Oxalis Original) This may well be called the "Ever-blooming Oxalis," as it blooms almost the whole year round. Being of rapid and bushy growth, it is soon covered with hundreds of its clear yellow flowers, lasting many days and succeeding each other continually. The foliage, as will be seen from our illustration, is of peculiar, fish-tail form, and the stems above and beneath beneath, colors which contrast beautifully with the golden yellow flowers. It will prove a very valuable and ornamental pot plant for the greenhouse, and a source of delight wherever grown—winter and summer. Plants usually 10 to 15 cents.

# NEW CANNA | Star of 1891. The Everblooming Canna

## HISTORY

THE PLANT was raised from  
 Cury Prim Seed by a Mr.  
 Castle, of Virginia. Its great  
 novelty and beauty in habit of  
 growth, large size, and brilliant  
 color and perpetual blooming habit  
 prompted him to send it to Mr.  
 Wm. Patmore, the eminent and  
 far-famed gardener of Mr. Dana,  
 editor of the *New York Sun*, who  
 tests all floral novelties from all  
 parts of the world. Mr. P. grew  
 it in a pot over winter, and its size,  
 profusion and brilliancy of bloom  
 surpassed everything. He says: I  
 have no hesitations in pronouncing  
 this *Star of 1891* the  
 grandest flowering Canna that I  
 have ever grown or ever seen.

The habit of the plant is very  
 dwarf, but with full fine foliage,  
 and it has a persistent habit of  
 throwing up fresh sprouts from the  
 base. Every sprout produces a  
 flower-stem, which in its turn be-  
 comes many-branched, each branch  
 bearing from 15 to 17 blossoms,  
 each blossom 4 to 5 inches wide,  
 and each petal 1 1/2 inch broad. The  
 color of the flowers is glowing  
 orange-scarlet, faintly band-  
 ed with golden-yellow. And the plant,  
 from its marvellous big specimens,  
 is perpetually in bloom. Its  
 brilliancy is unsurpassed, and in a  
 house or green-house winter-bla-  
 zing plant it is going to cause a  
 great sensation. It never ceases  
 growing and blooming, and its  
 blossoms under glass are larger,  
 brighter, and longer lasting than  
 they are out of doors. Even  
 Fernandine pale before them.  
 Aside from his originator, I have  
 a more intimate knowledge of this  
 splendid gem than his anyone  
 else, for I have had it since last  
 year, and grown it in the green-  
 house for its beauty in winter, and  
 placed outside in summer. It is  
 very dwarf, not over 2 or 3  
 feet in the open ground, and still  
 has its pots. Its flowers are very  
 large, 4 to 5 inches across, and the  
 mass of buds and blossoms form a  
 solid patch. No matter how  
 small a plant is, the first thing it  
 does after it is allowed to be  
 managed among at once, either in  
 pots or the open ground, 25 25  
 each (post-paid.)



CANNA

STAR of 1891  
 THE RESURRECTION PLANT

### ASTER

Queen of the Marbles  
 A novelty of recent introduc-  
 tion, blooming weeks before  
 any other variety. The colors  
 are white, blue, rose and red,  
 and are admirably suited for  
 cutting on account of their  
 long flower stalks. The on-  
 growing shows the plant more  
 dwarf than it really is.

Price per pint. 10c.



CLOSED



Imagine a bunch of withered  
 looking curled up shoots, brown,  
 stiff and apparently dead, resem-  
 bling a bird's nest. Place it in  
 water. In an hour what a transformation! The withered looking bunch has now  
 opened, and is transformed into a lovely patch of bright green moss. In its  
 native home, when the dry season sets in, the plant curls up into a round ball, and is  
 wafted away by winds from place to place, sometimes for hundreds of miles; when at  
 last it reaches a moist spot, it gradually unfolds itself, makes new roots and thrives  
 in its new found home. Each, 12c.; 3 for 25c. (post-paid.)



(NEW ASTER—Queen of the Marbles)

EM  
 Last season  
 Emperor Peter  
 called. They

EOKE  
 The character  
 in profusion, and  
 colors, 15c. per 100

PLANT was raised from  
very fine seed by a Min-  
necan, of Virginia. It grows  
and beauty in both of  
large size, and brilliant  
personal blooming habit  
of him to send it to Mr.  
Brewer, the eminent and  
gardener of Mr. Deane,  
the New York firm, who  
sent specimens from all  
the world. Mr. F. grew  
it over winter, and its size,  
and brilliancy of bloom  
everything. He says: I  
was in London in previous  
year of 1884 the  
Governing Council that I  
was given as one speci-  
men of the plant is very  
at with full fine foliage,  
and a persistent habit  
of fresh growth from the  
very sprouts produce a  
shape, which in its turn be-  
comes branched, each branch  
from 18 to 25 blossoms,  
from 6 to 8 inches wide,  
petal 1 1/2 inch broad. The  
the flowers is glowing  
color, faintly bands with  
yellow. And the plant,  
merely to big specimens  
capacity in 18. cm. Their  
is in consequence, and as a  
green-house winter-blossom  
it is going to come a  
million. It never comes  
and blooming, and its  
under glass are larger,  
and longer lasting than  
out of doors. Even  
as pale before them  
in its originator, I have  
almost knowledge of this  
more than has anyone  
I have had it since last  
grown in the green-  
house in winter, and  
outside in summer. It is  
of, not as ending 8 or 10  
open ground, and still  
is. Its flowers are very  
8 inches across, and the  
side and blossom form a  
wick. No matter how  
large, the first thing is  
it is planted in to seed  
or stock and bloom, and  
do without cooling, as  
is cared for. Price of  
seed, which will come  
coming at once, either in  
the open ground, 50 1/2  
seed-packets.)

**EMPEROR PETUNIAS**  
Last season we offered only the "Maltese Lace" of this truly grand strain of Emperor Petunias which for marvelous beauty and gorgeous coloring are unequalled. They carry a large mass of bloom all summer and many blossoms are 3 to 4 inches across and are beautifully striped, blotched and spotted; and are the admiration of all who see them.  
Price per packet, 25 cents. (111)

**ON PLANT**  
...-OPEN  
...thing much has now  
...green moss. In the  
...round bell, and is  
...of miles; when at  
...w roots and thives



**The Pink Ostrich Plume Chrysanthemum**  
**"LOUIS BOEHMER"**

THE greatest novelty in plants this coming season will be the Pink Ostrich Plume Chrysanthemum, "Louis Boehmer." The title Ostrich Plume, was applied to the first of this new type of Chrysanthemum (Mrs. Alpheus May) to distinguish it for all time from those previously known, but more particularly to direct attention to the extraordinary growth with which the flowers are thickly studded, forming a striking resemblance to an Ostrich Plume. The "Louis Boehmer" is identical in its shape and beautiful formation with that variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals, and in addition it is of more vigorous constitution, being one of the strongest growing varieties we have, so that it is certain to produce perfect flowers under the most ordinary cultivation and with little care will have blooms nearly double the size of the Prototype Plants. Price, plants (post-paid), each, 60c.



PETUNIA (Emperor Strain)

**Kalanchoe Carnea**

This strikingly beautiful decorative plant commences to flower at Christmas, and continues in bloom throughout January and February, and is a most welcome addition to the winter flora; its bright and pleasing color being very attractive during the dull winter months. The plant was recently introduced from South Africa, is of easy culture, very prolific, and succeeds well in a temperature of 50° to 55°; it attains a height of about 18 inches, and is of good bushy habit. The flowers, which are borne in large clusters, are of wax-like consistency, last a long time in perfection, are of a handsome delicate pink color, and, in addition, are deliciously fragrant, which greatly enhances the value of the charming plant. It grows quite readily from seeds, and thrives best in a mixture of loam and sand. Pkt., 40c.



**Coreopsis lanceolata**

A beautiful hardy border plant; grows fifteen to eighteen inches high. Nowhere among herbaceous plants is there a more showy or striking perennial than Coreopsis lanceolata. It attains the height of 3 feet, the rag-like flowers of golden yellow, borne in great profusion, standing out well against the light and pretty foliage. It is grand for cutting and decorative purposes, the flowers showing to advantage on the long, wire like stems, and are of lasting quality. Of easy culture. Sow seed in April out of doors. Per pkt. 15 cents.

**ECKFORD'S LARGE FLOWERING SWEET PEAS**

The characteristics of Eckford's New Large Flowering Sweet Peas are that, while they possess the same delicious perfume as any of the ordinary varieties, the flowers, produced in profusion, are nearly double the size, are more perfect in form, and present combinations in markings and colors heretofore unknown in this exquisite flower. Choice Mixed Colors, 15c. per pkt., 3 pkts. for 50c.



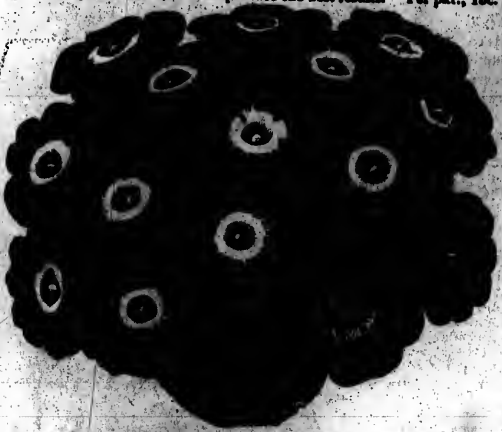
**THE GORGEOUS ANNUAL POINSETTIA**

"Mexican Fire Plant" or "Fire on the Mountain."  
(*Euphorbia heterophylla* or *cyathophora*.)

This glorious novelty is an annual of the easiest culture, forming bushy plants 3 to 4 ft high, with glossy green saddle-shaped leaves, which form at the ends of the branches into large whorls and bracts, among which small grass flowers appear in summer, and immediately after the leaves commence to color up. The smaller bracts among the flowers are of a brilliant orange-scarlet, and the large surrounding leaves soon become blinged with a darker fiery scarlet, so that only a tip of green is left. As these colored bracts almost cover the plant, the effect is indescribably grand. The seeds grow easily if sown in the open ground as soon as it is warm enough, but if they can be started early in the house or hot bed the brilliant scarlet color will appear much earlier in the season, and is always retained until frost. The plants should be grown in a warm situation, fully exposed to the sun, which enhances the brilliancy and hastens the coloring. If they are pruned when young they branch out into finely formed bushes. Water plentifully in dry hot weather. This "Annual Poinsettia" is also valuable as a pot plant for house culture. Seeds sown early in the summer will produce plants that retain their glowing scarlet leaves and bracts all winter. Per pkt., 25c.

**VERBENA**

**New Mammoth Strain.**—This distinct and superb class of Verbena, also offered as "Grandiflora," is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Our illustration represents extremely well the size, fine form, and delicate shading of this magnificent flower. Our seed is saved from the finest flowers only, and will not fail to produce the best results. Per pkt., 15c.



**JAPANESE HOLLYHOCK TOKIO**

A most beautiful and characteristic Japanese variety, of healthy and luxuriant growth; attaining a height of about 5 feet, bearing an unusually large number of large double flowers of distinct and picturesque beauty; the petals are beautifully frilled, of rich wine maroon at the base, shading to cherry red and edged white. Its striking effect attracts the attention of the most uninterested. Price, per kt., 25c.

**NEW DOUBLE DAISY—(Snowdrift)**

Of all daisies grown from seed this is decidedly the best. This beautiful new variety is much ahead of all old varieties, and we can unhesitatingly recommend it. It is a sport from the Longfellow, and the large flowers are perfectly double and of the purest white color. Per pkt., 25c.

**New Miniature SUNFLOWER**

The extreme popularity of all this large family for the past few years has been remarkable, and in this new variety we have a flower which is not only bright and showy, but elegant in shape, and of a size convenient for wearing and for bouquets. The plants are dwarf and very bushy, very free-blooming, with small fine foliage. Flowers are single, bright yellow, with a dark centre and very decorative; they last for days when cut, and bloom from July until frost. Per pkt. 10c.



MINIATURE SUNFLOWER



NEW DOUBLE DAISY SNOWDRIFT



"Penny in a... has a complete... grows near the... there is a g... ground." Per...  
**Victorio's Poppies**—selection 1.  
New Double... it is impos... describe the beauty of the...  
The centre... a Maltese white (this... fading bot... petal,) wit... some of a... same, the... ating in y... upon a bed...  
The large... of the pet... a rich /... crimson — a most eq... elty, easily... as a bord... in cool f...  
Pkt., 10c.  
flowers are rich pearls.

**INSETTIA**

the Mountain."  
cultures, forming bushy leaves, which form buds, among which the flowers are of a tip of green is not, the effect is indeed open ground as seen in the house or hot in the season, and is grown in a warm as the brilliancy and they branch out into hot weather. This is the best for house culture. that retain their glow-

**OUR POPPY COLLECTION**



**"Pinnacled Pinnacled."**—This beautifully new Poppy is of a dwarf habit and very fine flowering and has a conspicuous glossy black stem, which marks the seeds near the base, forming a complete ring, which shows to great advantage on the brilliant scarlet ground. Per pkt., 10c.

**Victoria Cross Poppy.**—This is a selection from the New Danesberg, and it is impossible to fully describe the brilliant beauty of the flowers. The centre represents a Maltese Cross of white (this color pervading both sides of petal,) with an outer zone of amber stemless, the disc radiating in yellow bars upon a bed of green. The larger surface of the petals is of a rich vermilion crimson — altogether a most exquisite novelty, easily cultivated as a border flower or as a pot plant in cool frame for indoor decoration. Per pkt., 10c.



**VICTORIA CROSS**

flowers are simply grand, both in size and coloring, borne on a flower-stem from 2 to 3 feet high. The flowers often measure 6 to 9 inches across, rich scarlet, with large black blotches at base, with a beautiful and curious roseate centre. Pkt. 10c.

**Seaward's.**—A new variety of very dwarf, compact habit, bearing pure snow-white flowers, as large and fine as any Pinnacled. This and Pinnacled attracted great attention last season. They are the finest novelties of this year. Be sure to give them a trial. Per pkt., 10c.

**"Shirley."**—A new sort and strikingly beautiful. Petals beautifully cut, fringed on the outer ends, and they come together whole at base; location of colors very strange; base of petals or body of flowers pure white, while fringed ends of petals are of a brilliant crimson-scarlet, making a strange and beautiful contrast. Per pkt., 10c.



**SHIRLEY**

**Oriental or Monarch Poppy**—This variety will bloom the following spring, if the seed is sown in the fall. The foliage is massive and beautiful, and the flowers are simply grand, both in size and coloring, borne on a flower-stem from 2 to 3 feet high. The flowers often measure 6 to 9 inches across, rich scarlet, with large black blotches at base, with a beautiful and curious roseate centre. Pkt. 10c.

**Shirley Poppy.**—The range of colors is simply superb, extending from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The color so varies that scarcely two flowers will be found exactly alike, while, to add to the effect, many are most delicately edged, shaded and striped. Their forms are most beautiful, being generally single or semi-double, rendering them very valuable for bouquets, etc., for several days without drooping or fading. Per pkt., 10c.

flowers are simply grand, both in size and coloring, borne on a flower-stem from 2 to 3 feet high. The flowers often measure 6 to 9 inches across, rich scarlet, with large black blotches at base, with a beautiful and curious roseate centre. Pkt. 10c.

**NOTE.**—We will mail one paper each of the above six new Poppies for only 50c.

**:: Ragged Sailor, Corn Flower or Blue Bottle ::**



**THE DOUBLE FLOWERED CORN FLOWER**

The National Flower of Germany and celebrated as the late Emperor William's favorite flower.

Who does not know and love the old-fashioned Ragged Sailor or Bluet, cherished in our old gardens, and its praises sung by poets? It retained its primiveness for years, but at last has sported, and produced what may be justly called double flowers of unusual large size and filled up to the centre with forests, forming handsome globular flower heads. We offer the seed in mixed colors, which contain in addition to the usual colours of light and dark blue, white edges, white striped with red and blue, etc. A continuous bloomer of great value as a cut flower, destined to unparalleled popularity and highly recommended. Per pkt., 10c.

**NEW : ENGLISH : PRIMROSES**

The new English Primroses comprise the most enchanting shades, all of which are distinct and beautiful. There is not a dull or ineffectual color among them; all are most effective and bright. They are of the easiest possible culture, growing readily and producing their flowers in the greatest profusion. Dotted here and there on the rock work, they make a most enchanting display in early spring. For the border they are splendid, making a grand display grown in clumps. Also excellent subjects for growing in pots or pans. Protect during winter. Per pkt., 15c.



**ENGLISH PRIMROSE**

# OUR RARE FREE BLOOMING CACTUS

## QUEEN CACTUS

This grand Cactus grows several feet high. The flowers appear at evening and last all night, and are the grandest of all night blooming plants, nearly 10 inches across, and of the purest white color, delicately shaded pink outside, with a most lovely form and texture. It is not unusual for a large plant to have 50 to 100 of these magnificent flowers open at once. It blooms freely every year.

The Queen Cactus, *Phyllocactus latifolius*.

Plants, each \$6.



## KING CACTUS

A magnificent day bloomer. A fitting companion to the Queen. The characteristics are rich crimson, with a delicate purple shading toward the center. The flowers keep perfect several days, and it is not unusual for a good plant to have more than 100 flowers open at once.

The King Cactus, *Phyllocactus subarmatus*.

## THEM CURIOUS CACTI PLANTS.

CACTUS require abundant light. They grow for months in the house or garden without watering, and flourish in value yearly. No wonder they have become all the rage for their flowers which are of exquisite beauty and fragrance, and their curious forms condense any water. We send by mail 10 fine plants of blooming size, each one distinct and named, for \$1.00; 5 for 50c. They will please you.

## CACTUS SEED

Growing Cactus from seed affords unusual interest and pleasure. Sow under glass in light sandy soil. We offer two separate sorts and a grand literature. For gift, *Cylindropuntia verticillata* (Cactus Cactus), grows very fast from seed. *Coronaria* (Cactus), the Giant Cactus ..... 50 Mixed Seed of thirty fine varieties ..... 50



## LIVING ROCK

(*Anhalonium Plitratum*.)

Looking at this curiety, no one would think it was a plant. Looks like a piece of carved wood work, on which days of labor have been spent. So tenacious of life is it that it need not be watered more than once a month. When in bloom it is yet more attractive. Plants sold elsewhere at \$2.00 to \$5.00 each. Our price is 50 cents each.

## AMORPHOPHALLUS RIVIERI

Saake Palm, Devil's Tongue and other queer names are given to this wonderful Aroid. It is a bulb which, after resting during winter, sends up in spring a vigorous stem, almost black in color, spackled



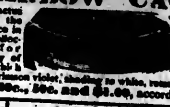
Amorphophallus Rivieri.

**BULBS.**  
Price,  
50c. to \$1.00.

Plant out in summer, or grow in pots or tubs, in good, rich soil, and in winter keep the bulb dry and away from frost.

## RAINBOW CACTUS

This Cactus is seen in few places in every collection, for its beauty of color, which is a most exquisite. It is a most curious subject for the lawn.



Sanseveria Zealanica.

## Sanseveria Zealanica

A beautiful plant, splendidly adapted for the decoration of drawing-rooms and halls, as it absorbs drought and dust with impunity, and requires scarcely any water. The leaves are shown in cut, grow to a length of three to four feet, and are most luxuriantly green, with broad white variegations on a dark green ground. It is a rare and beautiful plant which should be abundantly grown for problems out of the reach of sunlight, where other plants will not thrive. When plants are sold in any room and do well in great numbers it is of some appearance. It is a singular beauty for decorative purposes which will last for years. For vases and baskets it is a fine center plant, and grows splendidly out of doors during summer. Five plants, 50c. each; 6 for \$1.00.



## STAPELIA Star Fish Cactus

Stapelia, which we illustrate herewith, bears beautiful very large flowers, leathery texture, buff yellow with maroon markings, of wonderful construction. Antennae with profusion of bloom and distinct character. It grows with the greatest ease in any kind of soil, and flowers when quite small. Plants, price, 25 cents.

## BRYPHYLLUM GALYCINUM

A most curious succulent from India, the leaves of which



Bryophyllum Galycinum

are bright pink, red and white, in alternate spots, and are so fleshy that they are it has no roots, and when cut off a bud put in a moist place will produce small plants from each notch. It is a fine and bold foliage plant, which bears large panicles of very interesting flowers, remaining fresh for several weeks and never falling to attract attention. Delights in a rich loamy soil. The experiments with the leaves will surely please you, as well as increase your stock of plants. Strong plants, 50c. each.



STAPELIA

Stapelia garden, for foliage is viewed from white. It is not rare plants. Though in the foliage. Fraxi The late to a single the Fraxi ary peripl and the whi the flowe is like that vaded by a greatest ah flower-stalk verted into is brought i plosion and the plant s illustration a wave, stil in all the ag ment. It is particularly Our



●● DOUBLE GOLDEN DATURA ●●

(*D. Chlorantha* fl. pl.)

We do not offer this as a new variety by any means, but its striking beauty induces us to prominently offer it. It is an annual of rapid and luxuriant growth, forming bushes about two feet high, and bearing large golden yellow funnel-shaped flowers fully three inches long and nearly as broad, called double from the fact that the flowers are formed of usually three funnels set one inside of the other; very fragrant. A free flowering and handsome species. (See cut.) Pkt., 15c.

THE GIANT SPIDER PLANT OF CLEOME PUNGENS

The leaves and blossoms of this curious plant have a charming fragrance and its appearance justifies the name given. It is an annual known to botanists, but which seems to have never been introduced, at which we greatly wonder. Seed sown in the open ground in May commenced blooming July 1st, and continued in the greatest profusion until frost, attaining a height of five or six feet, with great panicles of bloom as large as a Hydrangea. The flowers are a deep purplish pink, when they first open, but fade to light pink, so that the lower part of the panicle is a different color from the top part. The stamens are several inches long, which gives it the name of Spider Flower. After it commences to bloom, this plant is never out of flower while it lives. Winds or rains do not injure it. It was the only flower which withstood the heavy rains and storm with out injury or blight. It is exceedingly showy and for a situation where a tall plant is desirable, no annual can surpass it. Per pkt., 15c.



DOUBLE GOLDEN DATURA



STEVIA SERRATA

**Stevia serrata.**—Most desirable for the garden, for ribbon lines in summer bedding. Its foliage is variegated white and light green, but viewed from a little distance the effect is practically white. Owing to its bushy habit and small foliage, it is not ragged when trimmed, as are many bedding plants. The flowers are small, pretty and white, though inconspicuous because of the white effect of the foliage. Price, per pkt., 10c.

Fraxinella or Gas Plant

The late Chen Downing said, "If I were confined to a single herbaceous perennial plant, it would be the Fraxinella. It is perfectly hardy. The ordinary purplish pink form, while not showy, is stately and the white variety is really handsome. Moreover, the flowers remain for a long time, while the odor is like that of lemon peel. The whole plant is pervaded by a volatile oil, which is produced in the greatest abundance by the glands that beset the flower-stalks. This oil, on a warm still day, is converted into a vapor so abundant that when a flame is brought in contact with it, there is a slight explosion and a bright flash, which is so sudden that the plant sustains no injury." We use a French illustration to show the plant, but you will find that a warm, still day and a match, if one has the plant, is all the apparatus required for this curious experiment. It has strong, fresh, pleasant lemon perfume, particularly if you rub the flower. Seed per pkt., 10c.



FRAXINELLA OR GAS PLANT

from hanging baskets, vases, fancy pots, etc., its rapid growth rendering it unequalled for the purpose, while we have no doubt it will also be largely used in crematories to cover the graves, as it is entirely hardy and we think more ornamental than almost anything in use for that purpose at present. For massing in the garden or on the lawn, to trail over stones or stumps or in fact for any sort of decoration it is splendid. Plants, 20c. each; 3 for 50c.



Clethra hederacea var

(*Nepeta Glechoma*.)

A new trailing plant of the Catnip family, with beautiful white and green leaves.

The leaves also have a refreshing fragrance. It will no doubt become one of our most useful plants for fastooning work such as drooping from hanging baskets, vases, fancy pots, etc., its rapid growth rendering it unequalled for the purpose, while we have no doubt it will also be largely used in crematories to cover the graves, as it is entirely hardy and we think more ornamental than almost anything in use for that purpose at present. For massing in the garden or on the lawn, to trail over stones or stumps or in fact for any sort of decoration it is splendid. Plants, 20c. each; 3 for 50c.



CLETHRA HEDERACEA

Our Collection in Grasses

We this season offer a very choice selection of about 20 varieties of ornamental grasses mixed in one packet. These take time in their development, but will be sure to please and are preferable to buying each variety separate. Price, per pkt., 10c.

The King of the Mountains

ELIA Cactus  
herewith, bears beautiful  
flowers, buff yellow with maroon  
center. Astonishes with its  
character. It grows with the  
and flowers when quite small

GLYCYNIUM  
India, the leaves of which



ought and dust with  
to four feet, and are  
and beautiful plant  
will not thrive. When  
serves purposes which  
ing summer. Price



# GENERAL LIST OF SELECTED FLOWER SEEDS

IN ALL PARTS OF THE CIVILIZED WORLD, THE REFINEMENT, INNOCENCE, AND HAPPINESS OF THE PEOPLE MAY BE MEASURED BY THE FLOWERS THEY CULTIVATE.

**ANNUALS** grow, bloom and die the first year from Seed. **BIENNIALS** bloom the second year from Seed, and then die; though many, if sown early in the spring, will flower the first year. **PERENNIALS** usually bloom the second year from Seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

All Flower Seeds sent free by Mail on receipt of Price. Full Cultural Directions on each Packet.

In giving orders for Flower Seeds it will be sufficient to send the NUMBER ONLY, but it will be necessary to state the edition, or year, of the Catalogue from which they are taken, as a new edition is annually published and numbers sometimes changed.

## LIBERAL PREMIUMS!

On all orders for Flower Seeds in packets, the purchaser may select fifteen cents' worth extra for every dollar sent us. Thus—anyone sending us \$1.00 may select seeds amounting to \$1.15; for \$2.00, seeds to the value of \$2.30; for \$3.00, seeds to the value of \$3.45; for \$4.00, seeds to the value of \$4.60; for \$5.00, seeds to the value of \$5.75. Please tell your friends of our liberal offer. This discount applies to packets only. Postage stamps received the same as cash.



ADONIA

Trailing plants, with prostrate branches several feet in length, and bearing clusters of sweet-scented flowers. Very much like the Verbena. Customers report the greatest success the second summer, from seed dropped from plants of the previous year. *Half-hardy annual.*

1. *Adonia umbellata*, rose-lilac, white eye,  $\frac{1}{2}$  ft. .... 5  
Abutilon (see Greenhouse assortment).

### AGONITUM (MONK'S HOOD, WOLFSBANE)

Free-blooming plant, of easy culture; flowers blue and white; 3 ft. *Hardy perennial.*

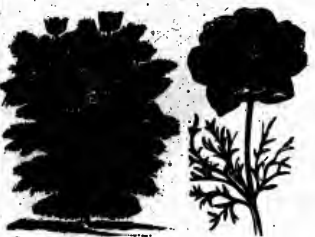
2. *Agonitum Nepelium*, mixed, blue and white ..... 5

### AGROCLINUM (EVERLASTING FLOWER)

One of the best, producing a great number of beautiful rose, pink and white flowers, with yellow centre. *Half-hardy annual.*

3. *Agroclinium Album*, white ..... 5
4. —roseum, bright rose ..... 5
5. —mixed, fine colors ..... 5

### ADONIS (PHOENIX'S EYE, FLOS ADONIS)



The foliage is very pretty, and the flowers brilliant, remaining for a long time in bloom. They will do well in a partially shaded situation, and may be used to advantage in any retired corner of the garden. *Hardy annual.*

6. *Adonis Vernalis* (Flos Adonis). Deep crimson, 1 ft. .... 5
7. —autumnalis. (Pheasant's Eye). Intense blood red, with black centre; 1 ft. .... 5



### ADLUMIA

(Mountain Fringe or Alleghany Weed)

It is a pretty and graceful climber, with pale green pinnate foliage; produces small pink and white flowers in abundance during the summer months. It is biennial, and makes but little growth the first season. Sow seed in spring in a damp and cool place, and in autumn transplant to the place where intended to bloom. The engraving gives a good form for training the vine, which grows about fifteen feet in length. *Hardy biennial.*

8. *Adlumia cirrhosa* ..... 10

### AGROSTIS NEBULOSA, Grass

Agrostis Nebulosa, most elegant, delicate, fine and feathery;  $1\frac{1}{2}$  ft. *Hardy annual.* ..... 5

### AGROSTEMMA (JOVE'S FLOWER)

The Agrostemmas are free bloomers, make attractive beds, and are useful for cutting. They present a beautiful appearance when grown in masses, or as a border for tall plants like the Gladiolus. *Hardy annual.*

10. *Agrostemma cœli rosea* (Rose of Heaven), deep rose, fringed; 1 ft. .... 5
11. —coronaria (Rose Sampson). *Hardy perennial*;  $1\frac{1}{2}$  ft. 5

### AGERATUM

Valuable, for bedding plants or for cut flowers; free bloomers and of long duration. When lifted and potted in the fall, and placed in the parlor, will keep up a succession of beautiful flowers all winter. *Half-hardy annual.*



12. *Ageratum Mexicanum*, blue,  $\frac{1}{2}$  ft. .... 5
13. —Album, white,  $\frac{1}{2}$  ft. .... 5
14. —Wendlandii, dwarf, blue,  $\frac{1}{2}$  ft. .... 5
15. —Wendlandii, dwarf, white ..... 5
16. —Ada Bowman, very good bedder. .... 10

### OUR CUSTOMERS OPINIONS.

We got our Seeds from you before and liked them so much.  
MARY TURNER, Woodstock, N.B.

The Seeds I got from you last year gave every satisfaction.  
L. MCMILLAN, Hillsburg, Ont.

I planted your Seeds last year; I think they are the best I have ever planted.  
JAMES LORD, New Westminster, B.C.

300,000 PAPERS OF FLOWER SEEDS WERE SOLD BY US LAST YEAR.

**OUR SUPERB ASTERS**



**AGATHEA (MARGUERITE)**  
 \* Very pretty, free-blooming plant, bearing Cineraria-like flowers; 2 ft. *Hardy Annual.*  
 44. **Coelestis** (Blue Marguerite), celestial blue ..... 10



**ALYSSUM**

**DOUBLE CHINA ASTERS**

This is not only one of the most popular, but also one of the most effective garden favorites, and there is no flower which combines so much beauty and variety of habit and shape with such brilliancy and richness of color as this. It has no equal among the annuals. It is splendid for bedding, bordering, or pot plants. The seed we offer has been saved from the very best double flowers only. Give it rich soil and plenty of water for best results. *Half-hardy annual.*

This list is arranged according to size, commencing with the tallest.

**WASHINGTON**

One of the largest and finest varieties in cultivation; well-grown flowers have measured five inches in diameter. Per pkt.

17. **Many Colors**, mixed ..... 10

**NEW CROWN, or COCARDEAU**

Central petals of purest white, making a striking contrast to the large, brilliantly-colored outer petals; very effective; 2 ft.

18. **Many Colors**, mixed ..... 10

**TRUFFAUT'S**

**PAEONY PERFECTION**

Large and remarkably fine flowers, with long, beautifully incurved petals, resembling those of the Peony. One of the finest Asters cultivated; 2 ft.

19. **Pure White** ..... 10  
 20. **White, with Dark Rose** ..... 10  
 21. **Brilliant Rose** ..... 10  
 22. **Light Blue** ..... 10  
 23. **Dark Blue** ..... 10  
 24. **Brilliant Scarlet**, new, effective 15  
 25. **Mixed Colors**, extra choice, 1 oz. 50c. .... 10  
 26. **Collection of 6 distinct colors** .. 40

**VICTORIA**

Undoubtedly the most handsome Aster in cultivation, of which we have an excellent strain. Flowers very large and perfectly double, of globular shape; fine pyramidal form; 1½ ft.

27. **Many Colors**, finest mixed ..... 10

**PYRAMIDAL MARLEQUIN**

28. A new dwarf strain, of great beauty, the petals of the flowers being very irregularly colored, and the same plant often shows a great variety of blotched and streaked flowers. It is one of the latest to bloom, and is particularly valuable on that account 10

I have great pleasure in recommending your seed; always gives the best satisfaction.  
 ED. SPRIGING,  
 Waterville, Que.

**CHRYSANTHEMUM-FLOWERED DWARF**

Of very compact growth; flowers from 3 to 4 inches in diameter, and very abundant; later than other varieties, therefore valuable for succession; 1 ft. Per pkt.

29. **White** ..... 10  
 30. **Scarlet and White** ..... 10  
 31. **Dark Blue** ..... 10  
 32. **Light Blue** ..... 10  
 33. **Rose, changing to White** ..... 10  
 34. **Flory**, a most striking color ..... 10  
 35. **Many Colors**, choice mixed, 1 oz. 50c. .... 10  
 36. **Collection of 6 separate colors** .. 40

**IMPROVED DWARF PYRAMIDAL BOUQUET**

A magnificent dwarf variety, about 10 inches high. When well grown, a single plant forms a complete bouquet of pyramidal shape, and covers itself with blossoms, entirely hiding the foliage. Fine for edging and small beds.

37. **Fine Mixed**, many colors and shades ..... 10  
 38. **New Rose**, large flowers, petals finely imbricated and of great substance, robust, and one of the very best; mixed colors; 2 ft. .... 10  
 39. **Snowball**, pure white ..... 10  
 40. **Hedgehog, or Needle**, flowers large, with long-quilled, sharply pointed, curious-looking petals; mixed colors; 2 ft. .... 10

**GERMAN QUILLED**

41. **Many Colors**, choice mixed, 1 oz. 30c. .... 10

**TALL ASTERS**

42. In great variety, and many different classes mixed; 1 oz. 30c. .... 15

**DWARF ASTERS**

43. In great variety, and many different classes mixed; 1 oz. 30c. .... 15

**ALYSSUM (Sweet)**

The Sweet Alyssum has pretty little white flowers, useful for making up in all kinds of small bouquets, and its fragrance, while sufficiently pronounced, is very delicate, reminding one of the peculiar aroma of the hay field. It grows freely from seed, either under glass or in the open ground, and makes a pretty border. The Alyssum is one of the very best plants for the basket or pot, which the lovers of flowers in this section have learned, as it is to be seen in many windows during the winter.

45. **Alyssum, Sweet**, flowers small and sweet, in clusters; 1 ft. *Hardy annual*; 1 oz. 60c. .... 5  
 46. — **Benthami compactum**, is a new, dwarf, compact variety, not over 6 inches in height, bearing its pure white, fragrant flowers in greatest profusion. *Hardy annual* 10  
 47. — **Saxatile compactum**, Rock or Golden. *Hardy perennial* 5

**ALONSOA (Musk Flower)**

Are small, but of remarkably brilliant color, and make most desirable bedding plants. They flower freely, and continue in bloom from June till early frost. *Half-hardy annual.*

48. **Alonsoa grandiflora**, large-flowered, scarlet; 2 ft. .... 5



**ALONSOA**

49. — **Warsawensis**, flowers small, bright scarlet, forming a pretty spike, 1½ ft. ... 5



**AMARANTH**  
 very pretty orange, is smoothest and favorite. Per plant. See Plate



**ANTIRRHINUM**  
 An exceedingly abundant with the yellow for rock-work, in any good garden. 55. **Arabis**



56. **Asperula**  
 57. **Avena** with large annual

A dwarf, green, rich and beautiful shows are held. 58. **Extra**

Very showy Good Hope. 59. **Arctostaphylos** with dark

**FOR B...**

pleasure in recom-  
ended; always gives  
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ive garden favorites,  
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usual. It is splendid  
ved from the very  
results. *Half-hardy*

**AM-FLOWERED**

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and very abundant;  
, therefore valuable

Per pkt.  
White ..... 10  
..... 10  
..... 10  
ing to White ..... 10  
ing color ..... 10  
choice mixed ..... 10  
..... 10  
eparate colors ..... 40

**PYRAMIDAL**

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of pyramidal shape,  
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ing and small beds,  
many colors and

flowers, petals  
and of great sub-  
one of the very  
; 2 ft. .... 10  
white ..... 10  
leeds, flowers  
quilled, sharply  
looking petals; .. 10

**WILDED**

choice mixed, .. 10  
**TERS**  
many different  
s. 30c. .... 15

**STERS**

d many different  
s. 30c. .... 15



were small, bright  
spiky, 1 1/2 ft. ... 5



**AMMOBIUM (EVERLASTING)**  
One of the hardiest of the Everlastings, with small but pretty white flowers. Valuable for forming bouquets in connection with grasses. Flowers should be gathered before fully opened. Start the seed under glass. *Hardy annual.*  
50. **Ammobium alatum**, white ..... 5

**AMMOBIUM**  
very pretty olive green foliage, which turns to bright scarlet, crimson and orange, in the fall. It does not require fastening, as it clings to the smoothest walls. It is perfectly hardy, and is fast becoming a general favorite. *Perennial.*  
51. **Ampelopsis Veltochii** ..... 10  
See PLANT LIST, for Well Grows Plants.



**ANTIRRHINUM (SNAPDRAGON)**  
One of the very best of our perennials, Spring sown seedlings will bloom in beds or borders the first season. By removing a portion of the flower stem in the summer, the plants will throw up young shoots for autumn, making plants that will endure almost any winter. The seed we offer is from one of the finest collections. *Hardy perennial.*  
52. **Antirrhinum major**, choice colors; 2 ft. .... 5  
53. — **Tom Thumb**, mixed colors; 1/2 ft. .... 5

**ANTIRRHINUM**  
An exceedingly early and very pretty spring flowering plant, producing an abundance of small white flowers, which contrast beautifully with the yellow Alyssum in borders or ribbons. It is admirably adapted for rock-work, edgings, etc. Grows about 9 inches high, and succeeds in any good garden soil. *Hardy perennial.*  
55. **Arabis alpina** ..... 10



**ASPERULA**  
A most prolix bloomer, and of dwarf habit. The flowers are very sweet-scented, and last a long time in perfection; for making up small bouquets it is all that can be desired. *Hardy annual.*  
56. **Asperula azurea setosa**, light blue, 1 ft. .... 5  
57. **Avena sterilis (animated oats)**, very graceful, with large drooping spikes on slender stems; 2 1/2 ft. *Hardy annual* ..... 5

**AURICULA**  
A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. *Hardy perennial*; 1/2 ft.  
58. **Extra Choice Mixed**. From a prize collection ..... 15

**AROTIS**  
Very showy and interesting border plants; native of the Cape of Good Hope. *Half-hardy annual.*  
59. **Arctotis breviscapa**, large orange-colored flowers, with dark centre; 1 1/2 ft. .... 5



**AMARANTHUS**  
The Amaranthus family embraces numerous plants, valuable for the beauty of their foliage; many of the varieties have handsomely formed and highly colored leaves. They are very effective for autumn decorations, and are seldom equalled by any similar class of plants. *Half-hardy annuals*

**SUNRISE** ..... 5  
**TRICOLOR (Joseph's Coat)**  
60. **Amaranthus bioclor ruber**, leaves bright scarlet, green striped and shaded purple red, sometimes pointed yellow, 1 ft. .... 5  
61. — **caudatus (Love-Lies-Bleeding)**, long, drooping sprays of flowers, 3 ft. .... 5  
62. — **monstrosum (Giant Prince's Feather)** large and handsome, variegated foliage ..... 5  
63. — **melanochloous ruber**, compact, rich blood red foliage, 2 ft. .... 5  
64. — **salicifolius (Fountain Plant)**, gracefully drooping willow-shaped leaves, brilliantly banded and tipped with orange, carmine and bronze, 3 ft. .... 5  
65. — **tricolor (Joseph's Coat)**, leaves scarlet, yellow and green, 1 1/2 ft. .... 5  
66. — **sunrise**, the most brilliant of the family. The top of plant brilliant crimson ..... 10



**ANABALLIS**  
Lovely dwarf plants, very effective as eilings, beautiful as pot plants, and valuable for rock works. *Half-hardy annuals.*  
67. **Anagallis grandiflora**, blue, 1/2 ft. .... 5  
68. — **sanguinea**, bright ruby, 1/2 ft. .... 5  
69. — **finest mixed** 5



**ARGEMONE (PRICKLY POPPY)**  
Exceedingly showy, free-flowering border plants, with large poppy-like flowers. The foliage is large, pretty in form, and of a light green color, the leaves very much resemble the thistle. *Hardy annual.*  
70. **Argemone Mexicana**, flowers, bright yellow; 2 ft. 5c.



**ARISTOLOCHIA (DUTCHMAN'S PIPE)**  
A quick growing hardy climber, attaining a height of thirty feet. The flowers are curved like a siphon, and of a rich purple color. On the banks of the Rhine and in most Continental cities the luxuriant foliage of this plant is an object of admiration to visitors. Start seed under glass, cover thin, and transplant when weather becomes warm. *Hardy perennial.*  
71. **Aristolochia alpa** ..... 10.  
See PLANT LIST.

**ARISTOLOCHIA**

**AQUILEGIA (COLUMBINE)**  
The odd and peculiar formation of the flowers of the new and double sorts render them well worthy of cultivation. They embrace a great variety of colors, exceedingly showy, and rank among the best plants for early summer blooming. Can be increased by a division of the roots. *Hardy perennial.*  
72. **Aquilegia**, choice mixed, double varieties; 2 ft. .... 5

**FOR EARLY BLOOM**—Flowering soon after the seed is sown, we would recommend Alyssum, Candytuft, Calliops, Gillia, Larkspur, Mignonette, Petunia, Phlox and Double Poppies.



# BALSAM

With a good, rich soil, and proper care, plants and flowers the greatest excellence are produced. Sow in a frame or bed, transplant when two or three inches in height. The Balsam loves a warm place. When the plants appear to be making too thick a head, so as to hide the flowers, it is a good plan to cut out some of the branches when small. The Balsam may be pruned or clipped off to any desired form, to two or three or even one branch, and will give angraving showing plants pruned in several ways. For the centre of a bouquet a Balsam flower is almost as desirable as a Camellia, but must be supplied with an artificial stem.

73. **Balsam "Queen's White."** The finest double white Balsam ever offered. It comes very firmly double, very white and ascendingly firm, with a slight pink tinge on the back. The stem is firm, and thoroughly joined to the flower, so it can be easily and securely stemmed. This is a great advantage for florists' use. 1/2 p. 60c

- 74. — **Maiden's Blush.** A very charming and delicate shade of rosy pink, several shades lighter than the apple blossom. See cut (4)..... 10
- 75. — **Bettering,** double, white, striped and spotted with lilac and scarlet (2)..... 10
- 76. — **Lilac,** double, striped with crimson (1)..... 10
- 77. — **Sunset.** Flowers of a fine Camellia's shape deep rich garnet red; a charming variety..... 10
- 78. — **Apple Blossom.** One of the most charming of all Balsams; large, double, deep rosy pink shade..... 10
- 79. — **Crimson spotted** (4)..... 10
- 80. — **Scarlet spotted**..... 10
- 81. — **Rose carmine** and white, spotted..... 10
- 82. — **Lilac,** rose flowered..... 10
- 83. — **Rose flowered,** double, choicest mixed (3)..... 10
- 84. — **Camellia flowered,** double, choicest mixed..... 10



## BRACHYOOME (SWAN RIVER DAISY)



The Brachyome iberidifolia is a Daisy-like flower, found on the banks of the Swan River, in Australia, and is sometimes called Swan River Daisy. An elegant little plant, growing about eight inches in height, of compact, branching habit, and abundance of flowers, something like those of the Cineraria. An excellent flowering plant, deserving more attention than it receives, the blue being particularly desirable.

- 85. **Brachyome iberidifolia,** blue and white, separate or mixed..... 10
- 86. **Bromus briziformis,** Grass, very fine, with elegant hanging ears, well adapted for bouquets, either dried or with fresh flowers. Blooms second year; 1 ft. 5

## BRIZA MAXIMA GRASS



87. **Briza Maxima,** a charming variety of Shaking Grass; one of the best; 1 ft. Hardy annual..... 5



## BORTONIA

Mrs. Robert Woodworth, Selmah, N.S. — Am just beginning a flower garden, and was on the point of sending to the States for seeds when your catalogue came to hand. I am delighted with it, it is not only a catalogue, but a manual of instruction.

## BARTONIA

A very showy plant, with gray branches and thistle-like leaves. It likes considerable moisture and the young plant sometimes suffers in a dry time. Sow seed where the plant is to flower, as does not bear transplanting well. Hardy annual.

- 88. **Bortonia aurea,** golden yellow; 1 1/2 ft. (See cut)..... 10
- Bachelor's Button** (see Centaurea.)
- Balsam Vine** (see Cardiospermum.)

## BROWALLIA



Exceedingly pretty plants, flowering in glass throughout the autumn, winter and spring, and out of doors in summer. The plants give an abundance of bloom, and are exceedingly good for bedding purposes. Half-hardy annual.

- 89. **Browallia cincta,** white..... 10
- 90. — **Elata,** blue..... 10
- 91. — **Rose,** new, large flowering..... 10
- Banana anote** (see Mim. Greenhouse.)
- Blue Bottle** (see Centaurea.)
- Bleeding Heart** (see Bulba.)
- Bell Flower** (see Campanula.)
- Begonia** (see Greenhouse and Bulbs.)

**FOR A SHOWY BED**—You need nothing better than Balsam, Dianthus, Phlox, Petunia, Portulaca, Pansy and Verbena.

Highly terminated water before second leaf, up the roots

- 92. **Canary**
- 93. — **Wa**
- 94. — **Ne**
- 95. — **Or**

See BULB LIST  
**CARD**  
(BAL)

A curious able for its capsules; a climber, useful out-door deck glass or in plants about height as usual.

- 96. **Car**
- Canary Bird** (see Mim.)
- California** (see Mim.)
- Canter Oil** (see Mim.)
- Calceolaria** (see Mim.)
- Cineraria** (5)
- Cheiranthus**

We are



Crosby's French Canas

**Our Choice Canas**  
(INDIAN SHOT PLANT)

Highly ornamental plants producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Soak the seed 12 hours in hot water before planting; sow in sandy loam and peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out; take up the roots before frost, and preserve in a warm cellar or room. *Half-hardy perennials.*

- 92. **Canas** (Indian Shot), finest mixed varieties ..... 5
- 93. — **Warszewiczii**, red, foliage striped, very fine and beautiful ..... 10
- 94. — **Nepalensis**, clear yellow, superb ..... 10
- 95. — **Crosby's New Superb French**, large size and flowers of dazzling hues of yellow, orange, scarlet and vermilion, some beautifully striped; mixed colors .... 25

See BULB LIST.

**CARDIOSPERMUM**  
(BALLOON VINE)



A curious Climber and remarkable for its inflated membranaceous capsules; a rapid and graceful climber, useful for either inside or out-door decoration. Sow under glass or in greenhouse. Give plants support to run upon; height about 6 feet. *Half-hardy annual.*

- 96. **Cardiospermum** **Hellenicabum** .... 5

**Canary Bird Flower** (See Tropaeolum.)  
**California Poppy** (See Eschscholzia.)

**Oxter Oil Bean** (See Ricinus).  
**Calceolaria** (See Greenhouse).  
**Cineraria** (See Greenhouse).  
**Chelidonium** (See Virginian Stock).



**COSMOS**

Our new hybrids of this magnificent annual are among the most showy and graceful of all garden flowers, and nothing can give greater satisfaction for a late display. They make very large plants, growing five to seven feet high, which are beautiful masses of the most elegant foliage until they begin to bloom in September, when each plant will have hundreds of large showy blossoms. October frosts do not hurt the plants or flowers, and during that month it is the gayest and most showy plant in cultivation. It is produced by all to be the finest seed novelty in many years. Sow early.

- 97. **Cosmos Hybrids**, mixed all colors ..... 15

**CATCHFLY**



An early flowering plant, with small flowers, white, red and pink. A moisture forms on the stalks, which sometimes entrap flies, hence the name "Catchfly" *Hardy annual.*  
98. **Catchfly**, mixed colors, 1 1/2 ft. .... 5  
99. — **Pendula sasa compacta** ..... 5

**CAVALIA**  
(FLORA'S PAINT-BRUSH)

Flowers are borne in clusters on slender stalks, about a foot or so in length, producing flowers for cutting every day, which are valuable for small bouquets. *Half-hardy annual.*  
100. **Cavalia coccinea**, scarlet ..... 5  
101. — **lutea**, golden yellow ..... 5

**CALLIRHOE**



The rich, purple crimson glow of the beautiful saucer-shaped flowers of these elegant plants is matchless. For borders and beds the flowers and foliage are strikingly effective. Steep before sowing. This plants to about one foot apart. *Hardy annual.*

- 102. **Callirhoe pedata**, purple crimson, with white eyes, 2 ft ..... 5

**COWSLIP**

The well-known favorite English Cowslip, flowering early in the spring.  
103. **Cowslip**, mixed colors, 1 1/2 ft ..... 5

**CALLIOPSIS**  
(CORIOPSIS)



The plants are usually two or three feet in height, of slender habit and rapid growth. The flowers are of every shade of yellow, orange and rich reddish brown, and make brilliant groups or low screens. Seeds grow very rapidly, and may be sown where plants are to flower.

- 104. **Calliopsis**, mixed colors, 2 ft ..... 5
- 105. — **Drummedit**, yellow, crim-on centre, 1 1/2 ft ..... 5

We are confident that our Flower Seeds are unquestionably the best, and vastly superior in quality to those usually sold.

**CAMPANULA**  
(VENUS' LOOKING GLASS)



The Campanulas embrace many beautiful and popular annuals and perennials. The varieties below are extremely beautiful, hardy and free bloomers, either in beds or borders.

- 106. *Campanula speculum* (Venus' Looking Glass), blue and white, mixed or separate;  $\frac{1}{2}$  ft. *Hardy annual*..... 5
- 107. *Campanula Media* (Cantebury Bell), large flowers, single varieties, mixed; 2 ft. *Perennial*..... 5
- 108. —double, mixed. *Perennial*..... 5

**CYPERUS**  
(UMBRELLA PLANT)

A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground. The leaves are striped with white, giving the plant a distinct and fine appearance. Seed should be sown early. It is of easy culture. *Half-hardy perennial*.

- 109. *Cyperus alternifolius variegatus*..... 10

**CALAMPÉLIS**  
(CLIMBER)

A beautiful quick-growing climber; rich orange-scarlet flowers. Should be started early in a hot-bed or greenhouse, and potted when five leaves have formed, then planted out in June. *Tender annual*. 11

- 110. *Calampelis scabra* (Eccremocarpus scabra)..... 10

**CONVOLVULUS MAJOR**  
(MORNINO GLORY)



One of the best known and most popular annual climbers we have. Will grow almost anywhere, and cover any unsightly fence or building in a very short time, if given a little support for the vines to run on. The flowers are of the most brilliant colors and shades, from white, dark blue, purple, carmine, rose, lilac, violet and striped. *Hardy annual*.

- 111. *Convolvulus major* (tall Morning Glory), mixed colors..... 5
- 112. —minor (dwarf Morning Glory), beautiful colors, mixed..... 5

**COLLISETIA**

- Very neat, growing in any light soil; 1 ft. *Hardy annual*.
- 113. *Colliseta*, mixed colors..... 5



**COBÆA**

The Cobæa is one of the most useful, beautiful and rapid growing of our climbing annuals; with large, fine foliage, large bell-shaped flowers, at first green and changing to purple-lilac, almost 1 1/2 in. long and 3 in. in width. In autumn the plants can be taken up, potted and removed to the house where they will thrive and flower during the winter. For covering verandas and fences, nothing surpasses the Cobæa, or when planted in a row, 2 ft. apart, and supported with brush, it makes an elegant screen. *Half-hardy annual*.

- 114. *Cobæa scandens*..... 10

**CHRYSAANTHEMUM**

The annual varieties of Chrysanthemum are exceedingly pretty. The great and growing demand



Chrysanthemum "Eclipse."

brought them into general favor. They are bright, cheerful and free bloomers, easy and rapid in growth, and some are really beautiful, the colors having the appearance of being laid on with a brush, and for this reason are called "Painted Daisy." They are of varied and beautiful colors, striped and edged in various shades. Set plants about one foot apart. *Hardy annual*.

- 115. —"Eclipse." Of all our new annual Chrysanthemums, none are more beautiful, if, indeed, they are so striking in appearance, than the "Eclipse." Its large, single flowers are  $2\frac{1}{2}$  to 3 ins. in diameter, and exhibit a striking contrast in markings. They are pure golden yellow, with a bright purplish scarlet ring on the ray of florets, the disc being dark brown. Very free flowering, and easily grown. (*See cut.*)..... 10
- 116. *Chrysanthemum tricolor*, various shades of colors; 1 ft.,..... 5

- 117. —*Chrysanthemum Burdig.* various shades and colors, mixed; 1 ft..... 10
- 118. —"Snowflake," snow white, immense double flowers; 1 ft..... 10

**CESTAUREA** (CORN FLOWER)

- Shown, free flowering, succeeding well in any kind of soil. *Hardy annuals*.
- 119. —*Cestaurea Americana*, flowers large; lilac, purple; strong plants; 1 ft..... 5
- 120. —"Sultan" (known as Macbride's Button and Corn Bottle), mixed colors..... 5
- 121. —"Sweet Sultan" (Sweet Sultan), yellow, white and purple, mixed colors, very sweet;  $\frac{1}{2}$  ft..... 5

**CELOSIA** (COCKSCOMB)

Highly ornamental plants, producing crested heads of flowers. There are many shapes and colors, but the scarlet and crimson are the most brilliant and rich. The oftener they are transplanted or shifted, the larger and more beautiful they grow. *Half-hardy annuals*.

- 122. *Celosia cristata*, dwarf (Cockscomb), one of the largest of this variety, mixed colors..... 5
- 123. —"Japan Cockscomb," an entirely new and distinct, and very beautiful variety..... 10
- 124. —"Gigawee prize," very fine dwarf variety, with dark leaves and crimson combs..... 10
- 125. —"Dwarf golden rose" (new) brilliant and attractive..... 15
- 126. —"Feathered Pyramidalis," a variety with feathered flowers; 2 ft.; graceful..... 10

**GLABRIA**



These are very effective border plants, showy and profuse bloomers, well adapted to cool or shaded locations. *Hardy annuals*.

- 127. *Glabria elegans*, finest double varieties, mixed;  $\frac{1}{2}$  ft..... 5
- 128. —"Putebella," deep rose;  $\frac{1}{2}$  ft..... 5
- 129. —"Integripetala," double, rich crimson;  $\frac{1}{2}$  ft..... 5
- 130. —"Mrs. Langtry," snow white, with a well defined disc or centre of brilliant crimson..... 10
- 131. —"Our selected deep red," exceedingly fine..... 10

**GALANDRINA**



Very beautiful creeping plants, admirably adapted for planting in rock-work, where they will produce flowers in profusion. The engraving shows the habit of the plant, which does best in light sandy soil. *Hardy annual*.

- 132. *Galandrina grandiflora*; rose; flower stalks, 1 to 2 ft..... 5
- 133. —"serotina," rosy purple, perennial, but flowering the first season..... 5

One of the useful border freely, is particularly early spring.

- 134. *Cand...* pure.....
- 135. —"Eri... gigantea (deciduous tree).....
- 136. —"ori... (trust).....
- 137. —"pur... (mass).....
- 138. —"silv... (bride).....



No flower tings, form or colored Carnations, Pink, Pictorial favorites, described under seed will not prove good percentage, shades of color. *Hardy perennial*.

- 141. *Carna...* double and ant any by flor.....
- 142. —"perp... the ob.....
- 143. —"dout.....
- 144. —"Earl.....

(SN) 145. *Quoun...* resemble wards carioct

BRIEF DIRECTIONS FOR SOWING, ETC. will be printed on each packet of Flower Seed, and by following them, any person without the least experience will have fair success in the culture of Flowers.



SPRING CATALOGUE OF SEEDS, BULBS AND PLANTS FOR 1911.

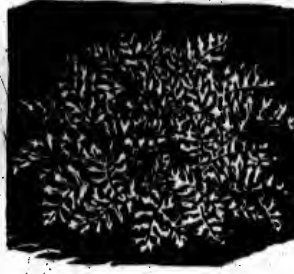
CANDYTUFF

One of the oldest and most popular and useful border annuals. It blooms long and freely, is perfectly hardy, and may be sown in early spring. *Hardy annual.*

- 134. **Candytuff (iberia)**, fragrant, pure white; 1 ft. 35c. per os. . . . . 5
- 135. — **Empress**. A new, pure white, gigantic form of Rocket Candytuff and decidedly the finest variety in cultivation. It is a strong, free grower, about 18 inches in height, and producing several immense trusses of flowers, from five to eight inches in length and two and a half to three inches in diameter. The individual flowers are of large size and of the purest whiteness. To secure the best results seed should be sown under glass as early as February. Fair success may be had by sowing seed in the open ground in April; but in either case the soil must be made very rich. 18
- 136. — **crimson**, very beautiful; 1 ft. 5
- 137. — **rocket**, pure white, large truss; 1 ft. . . . . 5
- 138. — **purple**, dark, fine; 1 ft. . . . . 5
- 139. — **New Carmine**, produces a mass of brilliant carmine bloom. 10
- 140. — **mixed colors**, fine dwarf hybrids. . . . . 10



CANDYTUFF EMPRESS  
CINERARIA CANDIDISSIMA



- 146. **Candidissima**, with silvery foliage, used chiefly for beds and borders. *Half-hardy perennials*. . . 15  
(See Greenhouse varieties).

CALENDULA

Is one of the well-known Marigold family. *C. officinalis* is much prized by housekeepers for flowering. In mixed borders and shrubberies, are exceedingly attractive. *Hardy annual.*

- 147. **Calendula officinalis**, L. **Proust**, uniformly double, un-keened, edged with brown; 1 ft. . . . . 5
- 148. — **Meteor**, handsome, perfectly double, and beautifully striped and edged with yellow; 1 ft. . . . . 5
- 149. — **officinalis** (Pot Marigold); 1 ft. . . . . 5

CENTRANTHUS

These form beautiful masses or borders, and for bouquets or other floral work are excellent. The flowers are small, borne in clusters on light green, almost transparent stems. *Hardy annual.*

- 150. **Centranthus**, rose and white mixed; 1 ft. . . . . 5

*Celastus* (see Greenhouse).  
*Colombine* (see Aquilegia).  
*Corn Bottle* (see Centaurea).  
*Cosmos* (see Greenhouse).  
*Cystarrhen* (see Bulbs).  
*Cypress Vine* (see Ipomoea Quamoclit).  
*Chinese Primrose* (see Greenhouse).  
*Cinarrhen* *Dampiera* (see Greenhouse).

WILD CUCUMBER

Although not new, we do not hesitate to give this useful climber prominence. We know of no vine so valuable for covering rapidly objects, tree stumps, back fences, etc. It grows rapidly, attaining a height of from 20 to 30 feet, producing an immense quantity of green foliage. We do not however recommend it for use in front of house.

- 151. **Echinocystis lobata** . . . . . 10

OLENATIS

Rapid growing climbers, fine for arbores and verandas; the small varieties flower in clusters, and are very fragrant; the large-flowering varieties are very handsome, and are constantly in bloom. Soak the seed in warm water for 24 hours before sowing. *Hardy perennials*; 18 feet.

- 152. **Olenatis Flammula** (*Virgin's*) *Flowers*: Producing beautiful clusters of small white segant flowers. . . . . 10
- 153. — **Jackson's** *hybrida*, subra, violacea, sophia, velitchi, etc. fine mixed. . . . . 25
- 154. — **Hybrida grandiflora**, large-flowering, mixed colors. . . . . 20  
For other varieties, see Plants.

CERASTIUM (Snow in Summer)

One of the prettiest hardy perennials plants for bedding out or ribboning ever known, being of dwarf growth, densely branching, with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers.

- 155. **Cerastium Biebersteinii**, 5 inches high. . . . . 10

CLOVER (Sweet)

This is the sweet variety of clover so well-known, has a white and very sweet scented blossom, and is most valuable for bees.

- 156. **Melilotus alba**, per os., 10c., 1/2 lb., 5 25c.

DATURA

(Sweet Nightingale)



A large, strong growing plant with trumpet-shaped flowers, often bearing blossoms six inches in length, mostly white, sometimes tinted with a delicate shade of blue. The roots can be preserved in a cellar, like the Dahlia. Set plants three feet apart. *Half-hardy annual.*

- 157. **Datura fastuosa huberiana**, flowers large and double, inside white, outside generally colored, 3 feet. . . . . 5

DOLICHOS

(HYACINTH BEANY)



A splendid rapid-growing climber; flowers profusely and in clusters of white, purple and lilac flower spikes, which are followed by exceedingly ornamental seed-pods. Plant the seed where they are desired to flower, and in as warm and dry situation as possible. Give support for the vines to run upon. Grows from eight to twenty feet. *Half-hardy annual.*

- 158. **Dolichos Labrad**, mixed colors. . . . . 5

COIX LAOCHYMA GRASS (JOB'S TEARS)

- 159. These have curious, broad, corn-like leaves, attractive; 1 1/2 ft. *Hardy annual.*

CARNATION



No flower can surpass, in delicacy of markings, form or delicious fragrance, the rich-colored Carnation, a rival of the Rose. The Pinks, Picotees and Sweet William, all popular favorites, belong to this class, and are described under their different headings. The seed will not produce all double flowers; some will prove single, others semi-double, but a good percentage will be double, and of all shades of colors and very fragrant. *Half-hardy perennial.*

- 141. **Carnation, grenadin**, double scarlet, dwarf, most brilliant and conspicuous, highly valued by florists; 1 ft. . . . . 25
- 142. — **perpetual or tree**, raised from the choicest double flowers; 1 1/2 ft. 25
- 143. — **double**, mixed, very fine. . . . . 10
- 144. — **Early Dwarf Vienna**. . . . . 25

OUOUMIS

(SNAKE CUCUMBER)



- 145. **Oucumis Flexuosus**, fruit resembling a long green snake, upwards of 7 feet in length, a great curiosity. . . . . 10

um Burridge, shades and colors, 10  
white, immense 10  
licious, see Greenhouse.) 10  
orn Flower) succeeding well in 10  
annuals. 10  
flowers, strong plants; 5  
as Bachelor's 5  
Bottle), mixed 5  
le, mixed colors, 5  
Greenhouse.) 5  
s, producing crested 10  
many shapes and 10  
and crimson are the 10  
e often they are 10  
e larger and more 10  
Hardy annuals. 10  
dwarf (Cocks- 10  
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comb, an en- 10  
ctinct, and very 10  
e, very fine 10  
ith dark leaves 10  
be. . . . . 10  
m rose (new) 10  
ctive. . . . . 15  
Pyramidal, 10  
thered flowers; 10  
IA 10  
ve border plants, 10  
ners, well adapted 10  
na. *Hardy annuals.* 10  
e, finest 5  
mixed; 1 1/2 ft. 5  
ep rose; 1 1/2 ft. 5  
e, double, rich 5  
try, snow 5  
ill defined disc 10  
rimson. . . . . 10  
eep red, ex- 10  
NA 10  
s, admirably adapted 10  
e they will produce 10  
eiving shows the habit 10  
e light sandy soil. 10  
e, rose; flow- 5  
e, perennial, but 5  
Flowers. any person 10



**Dianthus**

The varieties of Dianthus, known as Chinese Pinks and Japan Pinks, are among the most brilliant of our bedding plants from seed. Raised early in spring under glass, and planted out, they will flower early, and continue covered with bloom till frost in Autumn. Some of the finest effects in our experimental grounds have been produced by the varieties of Imperialis and Heddwigii. The flowers range in color, from the purest white, the deepest crimson, and most beautiful lilac. They live over winter and bloom as well the second year as the first. We know we are doing our customers a kindness by urging them to plant the Dianthus, for both garden and pot. Seed may be sown in the

FLOWERS  
1/2  
NAT SIZE

**DIANTHUS**

**DELPHINIUM (Larkspur)**

Very showy herbaceous plants with finely cut foliage and handsome flowers in different shades of blue, purple and white. For large beds on lawns or masses and mixed borders they are unsurpassed. The taller growing varieties are also excellent for cut flowers. Succeed best in a light rich soil in a sunny situation. *Annuals and perennials.*

**PERENNIAL VARIETIES**

- 160. — *Cochlearianum*, dark blue..... 25
- 161. — *Rudolphi*, brilliant light scarlet shading to crimson; 2 ft..... 10
- 162. — *Finest mixed*, perennial sorts. Saved from a choice collection of double flowered varieties..... 10



TALL DELPHINIUM

**ANNUAL VARIETIES**

- 163. — *Double Dwarf Recket*, various colors; 1 ft. 1/2 ..... 5
- 164. — *Double Tall Recket*, various colors; 1 1/2 feet..... 5
- 165. — *Double Dwarf Candelebrum*, various colors; 1 ft..... 5
- 166. — *Emperor*, double, mixed, brilliant colors, very fine variety; 1 1/2 feet..... 5
- 167. — *Finest annual sorts*, mixed..... 5

**DIGITALIS (Foxglove)**

Exceedingly handsome plants of stately growth, and when well grown have spikes at least three feet high, with pretty purple, white and spotted (bimble-shaped flowers) blooms the second season. In autumn large plants can be divided. *Hardy perennial.*

- 168. *Digitalis, Gloxonioides*, Ivory's new spotted, superbly marked, colors, mixed. 5
- 169. — *choice mixed*..... 5

**OUR SUPERB STRAIN OF DANLIAS**

It is not known by all admirers of this handsome plant that plants grown from seed will produce beautiful and quite perfect flowers the first summer. Our customers seem as well satisfied with the results from seed as flowers grown from bulbs. The new single varieties are becoming exceedingly popular, being useful for cutting, and possessing an airy grace not possessed by the double sorts. In flower beds, shrubberies, back grounds, and for distant effect it would be difficult to find plants of easier culture and more effective than the Dahlia, with their graceful habit of growth, and showy, rich flowers of the brightest of colors, white, pink, cherry, magenta, orange, yellow and deep purple, and many varied, mottled and blotched in the most grotesque and charming manner. They grow freely in almost any soil from seed sown in the spring. The seed can be sown in shallow pans any time from March to July, and the seedlings transplanted to small pots. As soon as they are strong enough, but not until danger of frost is past, plant one foot apart.



SINGLE DAHLIA

- 170. *Dahlia*, single, mixed, finest strain in cultivation. Great variety in color and form..... 15
- 171. — *Double*, mixed, extra fine, saved from choicest double flowers. 35

See our Superb Collection of Pot Grown Plants, Page 40.

- 172. *Dianthus Chinensis* (Chinese or Indian Pink), best double varieties, mixed; 1 ft. 5
- 173. — *Imperialis*, (Double Imperial Pinks), mixed; 1 ft..... 5
- 174. — *Heddwigii*, flowers single, 3 inches across, of rich and beautiful colors..... 5
- 175. — *Diademata*, *Floer Pinks*, splendid large double flowers of dark shades, marked with white and black colors, rich and beautiful..... 10
- 176. — *Japanicus* (Eastern Queen), single, three or four inches across, splendidly striped and stained..... 10
- 177. — *Fringed*, remarkably fine variety, fine, mixed..... 10
- 178. — *Pinnatifid*, fl. pl. (Double Garden Pink), finest double, mixed colors..... 10
- 179. — *Pinnatifid*, fl. pl. *Alba*, pure snow-white, very beautiful..... 10

*Deep Pinks* (see *Moenbrynsbomm*).  
*Dusty Miller* (also *Centaurea*).

**Double Daisy**

A general favorite for edgings and borders, giving an abundance of early spring flowers, and may be made to flower later by the use of water. The flowers are quilled and flat petaled, white, pink, red and variegated. Sow early in hot bed, and when large enough transplant to a rich, cool, partially shaded situation, when they may be brought into flowering the first season; plant six inches apart, so that when in perfection they will nearly cover the ground. They may not all come double from the seed; the single ones should be pulled out. Roots may be divided or removed at any time, even when in flower. The strains we offer are remarkable for the size and doubleness of their flowers, and much superior to those generally offered. *Hardy perennial.*

- 180. *Double pinnatifid* (double daisy), finest double variety, mixed; 1 1/2 ft..... 10
- 181. — *Double white*, pure; fine..... 15
- 182. — *Longflower*, large double rose colored flowers, splendid..... 15
- 183. — *Double quilled mixed*, a new strain, the flowers of which are composed of petals as round as a knitting needle; very pretty and curious..... 25.

**ERYTHRINUM**

Beautiful, profuse flowering plants, for beds and borders, producing clusters of fragrant yellow and orange flowers, very desirable for cutting, plant and blossom resembles the single wallflower, but not so large. *Hardy annual.*

- 184. *Mixed colors*, double and single..... 10

**Dianthus**

The varieties of Dianthus, known as Chinese Pinks and Japan Pinks, are among the most brilliant of our bedding plants in seed. Raised early and sown under glass, and sown out, they will flower early, and continue to bloom till late in Autumn. Some of the finest effects in our experimental garden have been produced by varieties of Imperialis Heddewighi. The range in color, from the purest white, to the deepest crimson, and most beautiful blue. They live in winter and bloom as early as the first of June. We know we are doing our customers a kindness by urging them to plant the Dianthus, for a garden and pot. They may be sown in the bed. *Hardy annual.*

- (Chinese or Indian Pinks, mixed) 1 ft. 5
- Imperial Pinks, single, 3 inches tall color. 5
- Flora, splendid rich shades, marked colors, rich and Queen), single, 5
- across, splendidly fine variety, fine, 10
- (Double Garden and colors. 10
- Alba, pure snow- 10
- (Antennaria). 10
- es). 10

**Daisy**

and borders, giving flowers, and may be of water. The flowers white, pink, red and bed, and when large cool, partially shaded brought into flowering as apart, so that when over the ground. They the seed; the single ones may be divided or then in flower. The size for the size and much superior to *perennials*. 10
- 1 1/2 ft. 10
- fine. 15
- double rose colored 15
- and a new strain composed of petals single; very pretty 25

g plants, for beds of fragrant yellow suitable for cutting, single wallflower, 7

nd single. 10

**EDULWIS**



186. **Edelweiss** (genus *Leontopodium*), the true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any soil, not too rich, with full exposure to the sun. 25



**ESCHSCHOLTZIA**

(California Poppy)

Very pretty profuse blooming plants, of extremely rich and beautiful colors, blooming from June until frost.

- 186. **Eschscholtzia Californica**, bright yellow, with orange center 5
- 187. — **alba**, creamy white; 1 ft. 5
- 188. — **cracca**, double, bright orange-scarlet; 1 ft. 5
- 189. — **Mandarin**, rich, beautiful; double large flowers. 5

Evening Glory (see *Ipomoea*).  
Evening Primrose (see *Linum*).

**RHYNCHORHIZA**

(MOUNTAIN OF SNOW)

Grows about 18 ins. high, and covered with light green and white margined and variegated leaves, nearly 2 ins. long, becoming smaller at the top of branches, giving it an extremely showy appearance. *Half-hardy annual.*

- 190. **Rhynchorhiza variegata** 5

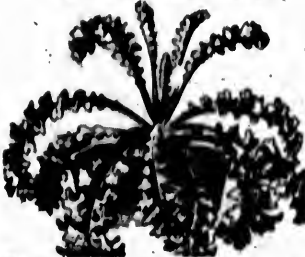
**ERIANTHUS RAVENNAE**

191. **Erianthus Ravennae**, as fine as Pampas Grass, which it resembles; quite hardy for northern climate; 10 ft. *Hardy perennial.* 10

**Feather Grass** (see *Sisal*). **Perma** (see *Greenhouse*). **Flowering Sage** (see *Salvia*). **Forget-me-not** (see *Myosotis*). **Four-ain Plant** (see *Amaranthus*). **Pear of Steel** (see *Mirabilis*). **Feuilles de** (see *Digitalis*). **Puehala** (see *Greenhouse*).

- 192. **Compositae**, a desirable ever-lasting, valued for its handsome globular heads of flowers, which, if cut when matured, will retain their beauty for years. Mixed. *Half-hardy annual.* 5
- Solanum** (see *Greenhouse*).
- Glentia** (see *Greenhouse*).

**GLADIUM (Married Poppy)**



193. **Gladium Corniculatum**. A very showy plant, with long, graceful silvery leaves, deeply cut and excellently curled; 1 ft. *Half-hardy biennial.* 5



(GOURD)

**GALLARDIA**

Very showy, and worthy a place in every garden, though they are, as yet, little cultivated. They always attract attention by their gay colors. *Hardy annual.*

- 230. — **Mixed colors** 5
- 231. — **Lorenziana**, large round heads, composed of 30 to 50 flowers of orange, claret, amaranth, sulphur, etc. 10

**COELETIA**

Exceedingly handsome, and very effective when grown in beds, masses, or mixed borders; free and constant blossoms. *Hardy annual.*



- 194. **Coeletia** (Duchess of Albany), very large, beautiful satiny white; very fine. 10
- 195. — **The Bride**, white, carmine center; 1 1/2 ft. 5
- 196. — **Whitney**, "brilliant," rich carmine, shaded off to light rose at the points of petals; 1 ft. 10
- 197. — **Lady Albemarle**, beautiful carmine crimson; 1 ft. 5
- 198. — **finest mixed** 5

**CYPSOPHILA**

A very pretty, free-flowering little plant, best adapted for rustic rock-work, baskets and edgings; of graceful and slender growth.

- 199. **Cypsophila elegans**, white; 4 ft. 5

**GOURDS**

USEFUL, ORNAMENTAL AND FANCY

This most curious and interesting family is but little known, and we have succeeded in collecting in Europe one of the most complete lists ever offered. The forms may be wonderfully varied by tying strings around the young fruit, or by enclosing the same in a carved mould while growing, thus stamping on its surface any desired figure or letters which may be carved on the moulds. Sow the seed in pots in the house and plant as soon as danger from frost is over, as nearly all of the larger sorts require the whole season to mature properly. Give them a sunny situation and plenty of water.

- 200. **Bryonopsis**, scarlet, with white stripe 5
- 201. **Coccoloba Indiae**, beautiful foliage, scarlet fruit 10
- 202. **Coccoloba Arden**, green fruit, yellow stripe 5
- 203. **Bipinnate**, Tassel Gourd 5
- 204. **Erinacea**, Hedgehog Gourd 5
- 205. **Greenhorns**, Gooseberry Gourd 5
- 206. **Metallifera**, scarlet, thorny 5
- 207. **Orange Gourd**, very like an orange 5
- 208. **Bottle Gourd**, the largest 5
- 209. **Horocles' Club**, large, club-shaped 5
- 210. **Cardinal's Hat**, exceedingly odd 5
- 211. **Longissima**, grows to 4 ft. long 5
- 212. **Metallifera**, pretty species, small flowers and fruit 5
- 213. **Apple Gourd** 5
- 214. **Ostrich Egg** 5
- 215. **Pear Gourd** 5
- 216. **Powder Flask** 5
- 217. **Sphinx** 5
- 218. **Balsam Apple** 5
- 219. **Squirring Goumber** 5
- 220. **Muhle**, scarlet berries 10
- 221. **Acorn Gourd** 15
- 222. **Serpent Gourd** 10
- 223. **Turk's Turban**, scarlet, yellow, green, with white stripes 5
- 224. Many sorts, in finest mixture, per oz. 30c. 5
- 225. Collection of 24 distinct sorts 1 00
- 226. Collection of 19 distinct sorts 50
- 227. Collection of 8 distinct sorts 30

**GLADIOLUS**

Grand summer and autumn flowering plants, producing long spikes of large flowers of hundreds of shades of color; marked, striped, blotched, tinted, etc., in the lowest manner.

- 228. **Gladiolus, Finest Hybrids, Mixed**. Includes many sorts; 3 to 4 feet. 10
- 229. — **Lorenziana Hybrids, Mixed**. Comparatively new types with large, open bell-shaped flowers of striking new colors. 25

For *Gladiolus* Bulbs see page 40.

**GILIA**

Very pretty. The flowers are borne in great abundance, and make up splendidly in bouquets. Showy for masses on the border. *Hardy annual.*

- 232. **Mixed Colors**, blue, white, rose, etc. 5

Our profession has taught us the FULL VALUE OF A GOOD SEED.

**HELIANTHUS**  
(Sunflower)



The Helianthus, or Sunflower, is an old and well-known flower. Many of the new and best double varieties are attractive and produce a fine effect among shrubbery, or when used as screens, growing from 4 to 8 ft. in height. *Hardy annual.*

- 233. *Helianthus glaberrimus fistulosus*, yellow, large, double; 5 ft. .... 5
- 234. — *Californicus*, very large and double, yellow; 3 ft. .... 5
- 235. — *variegatus*, variegated foliage. .... 5
- 236. — *Oscar Wilde*, dwarf, small flowers with jet black centre. *Perennial.* .... 5
- 237. — *Glant*, immense size; the dark centre often measuring 15 inches in diameter, surrounded with a single row of bright yellow petals; 8 ft. .... 5

*Steliotrope* (see Greenhouse.)

**HIBISCUS**



The Hibiscus bears very showy flowers, and deserves to be more extensively cultivated. They are extremely fine for shrubberies and flower beds; pretty foliage and large blossoms, which are exceedingly attractive and very easily cultivated. *Hardy annual.*

- 238. *Hibiscus Africanus*, cream color, rich brown centre; 1 1/2 ft. .... 5

**MORDEUM JUBATUM**

- 239. *Mordeum Jubatum* (Squirrel Tail Grass), elegant for bouquets; 1 1/2 ft. *Hardy annual.* .... 5

**HONEYBUCKLE**



(French Honeysuckle)

The French Honeysuckle is an exceedingly showy border plant, and well adapted for large rock-work; produces its peculiar formed, very fragrant red and white flowers in abundance. The seed may be started under glass or sown in open ground in early spring, giving a little protection during winter. Flowers may be had the first season. *Half-hardy biennial.*

- 240. *French*, red and white, mixed; 2 ft. ... 10

**HYACINTHUS**  
(Cape Hyacinth)



*Hyacinthus consocians* is a most striking and beautiful plant, somewhat resembling the Yucca, although not so large. It throws up a flower stem about 4 feet high, on which it bears 20 or 30 beautiful snow-white, bell-shaped flowers of exquisite fragrance. Flower stems 3 to 5 feet high. Planted in the spring, they bloom in August, September and October. It is a half-hardy bulbous plant, which will usually flower the second year from seed. *Half-hardy perennial.*

- 241. *Hyacinthus consocians* ..... 10

See BULB LIST.

**HELIPETERUM**

(Everlasting)



A very desirable and distinct dwarf, Everlasting, with small foliage and large globular clusters of rich yellow star-shaped flowers. One of the choicest for forming winter bouquets, for which purpose the flowers should be cut when on the point of opening and dried in the shade; they will open while drying, and retain their color and brightness for many years. *Hardy annual.*

- 242. *Helipeterum Sandfordi*; 1 ft. ... 10

**HELICHRYSUM**

(Everlasting)



Extremely handsome, large, full, double flowers, of various colors, from yellow to red, shaded and tipped, making ornamental plants for mixed borders, and very desirable as dried specimens. For indoor decorations during winter there are none better; for this purpose they require to be gathered before the flowers fully expand. *Hardy annual.*

- 243. *Helichrysum, double dwarf*, mixed colors, fine for borders, pretty beds and blossoms; 1 ft. .... 5

**HOLLYHOCK**

Our strain of double Hollyhocks is truly grand.

Flowers very large and perfectly double, colors very brilliant, embracing yellow, lemon, white, black, rose, pink, deep red, variegated, etc. They produce spikes of bloom 4 and 5 feet long, which are exceedingly showy for background, against walls or fences, or for centres of beds. The Hollyhock is an exceedingly popular flower, and both seed and plant are in great demand. Plants will be found offered in department of Hardy Belbs and Plants.



Seed can be sown in open ground at any time from May to September, and will bloom freely the next season. **244. Hollyhock, double**, very double and fine, from best named varieties. .... 20

- 245. *Collection of 12 distinct colors*. 1.25

**HONESTY (Lunaria)**

An interesting summer blooming plant with blue flowers. The seed vessels are flat and broad, and look like transparent silver, quite ornamental and much used in bouquets of dried flowers and grasses. Blooms the second season. *Hardy biennial.*

- 246: *Honesty, purple*. .... 5

**MUMULUS JAPONICUS**

(Japanese Hops)

The annual Japanese Hop, as shown in the illustration, is a most valuable and rapid-growing climber; the foliage resembles the common hop, but has more incisions, is very dense in foliage and of a lively green. A most valuable feature of this new annual climber is, that it can be sown in the open ground in spring, and will attain enormous dimensions in a very short time; never suffers from the heat, and retains its color until late in autumn.

- 247. *Mumulus japonicus*, Japanese Hop. 15

See PLANT LIST for Mailing Plants.

**JACOBÆA**

Remarkably pretty, free growing, profuse flowering plants, producing a fine effect in beds, ribbons and mixed flower borders. *Hardy annuals.*

- 248. *Jacobæa*, double, dwarf varieties mixed 10

**LINUM**

A genus of most beautiful free-flowering plants; their brilliancy of color and long duration of bloom being surpassed by none. Seeds germinate best in the hot bed, but will do well if sown in a warm bed of light soil. *Hardy annuals.*



- 249. *Linum grandiflorum rubrum*, scarlet ..... 5

See PLANT LIST (see Mesembryanthemum.)

We are confident that our Flower Seeds are unquestionably the best, and vastly superior in quality to those usually sold.



These flowers are delicate, giving it a plant out of 250. Ipo... 251. Ipo... 252. Ipo... 253. Ipo... 254. Ipo... 255. Ipo... 256. Ipo... 257. Ipo... 258. Ipo... 259. Ipo... 260. Ipo... 261. Ipo... 262. Ipo... 263. Ipo... 264. Ipo... 265. Ipo... 266. Ipo... 267. Ipo... 268. Ipo... 269. Ipo... 270. Ipo...

The Ipo... plant, with scarlet flower... door or ce... August, in difficult to... 255. Ipo... 256. Ipo...



Pretty fr... growth, hav... what reme... for mixed b... 256. Ke...



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Lantana (Larkspur) Love in a...

... is truly grand.



... from May to Sept  
... the next season.  
... very double and  
... varieties. 20  
... colors. 1.25

... (aria)  
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... is ornamental and  
... flowers and grasses.  
... early biennial. 5

... ANICUS  
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... growing climber; the  
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... a lively green. A  
... valuable feature  
... this new annual  
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... and in spring, and  
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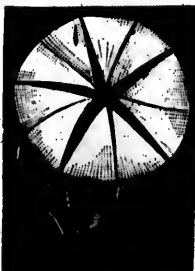
... Spanish Hop. 15  
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... ing, profuse flow-  
... effect in beds, rib-  
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... the hot bed, but  
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... a rubrum,  
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... usually sold.



White Moon Flower.

OUR CHOICE  
**IPOMEAS**



Cypress Vine



Variegated.

- These beautiful climbers are exceedingly attractive and useful, and deserving of cultivation. The flowers are of a variety of shapes and sizes and of many brilliant colors; the foliage of some is delicate and beautiful, while that of the *Hederacea* is large, striped, mottled and margined, giving it a very attractive and a unique appearance. Start seed in hot-bed or in greenhouse, and plant out when weather has become warm. *Tender annuals.*
- 250. *Ipomea Bona Nox* (Evening Glory) flowers expand in the evening, are large white and fragrant; 10 ft. .... 5
  - 251. *Ipomea grandiflora* (the Moon Flower, or "Good Night.") Large pure, white, fragrant, flowering in great profusion, opening in the evening. Rapid and luxuriant summer climber. *See Plant List* ..... 10
  - 252. *Ipomea Hederacea* (variegated Morning Glory), ivy-like foliage, very showy, mixed colors (*see cut*); 8 ft. 10
  - 253. — *Coccoloba* (Star Ipomea), scarlet, free-flowering ..... 5
  - 254. — *Quamoclit* (Cypress Vine), a favorite well-known climbing vine, with graceful, airy foliage, and handsome flowers; scarlet and white 5

**IPOMOPSIS**

The Ipomopsis, or Tree Cypress, is a beautiful plant, with long spikes of elegant rich orange and scarlet flowers, and is equally desirable for outdoor or conservatory culture. Sow the seed in August, in a dry situation. The plant is a little difficult to keep over winter. *Half-hardy biennial.*

- 255. *Ipomopsis elegans*, mixed varieties. 5

**KAULFUSSIA**



Pretty free flowering little plants, compact in growth, having most intense colored flowers, somewhat resembling the Single Aster. A good plant for mixed beds and borders. *Hardy annual.*

- 256. *Kaulfussia*, mixed colors; 1/2 ft. .... 5

**LYONNIS**

There are few plants more charming or brilliant; the flowers are produced in clusters, and are constantly coming out during the summer. To obtain good flowers, the first season start seed under glass and transplant.

- 257. *Lyonnis Chalcidonia*, scarlet; 2 ft. 5
- 258. — *Heugonia hybrida*, large flowers, mixed colors; 1 ft. .... 10
- 259. *Lagurus ovata* (Hare's Tail Grass), very pretty for bouquets; 1 ft. *Hardy annual.*

*Lantana* (see Greenhouse).  
*Larkspur* (see Delphinium).  
*Love in a Mist* (see *Nigella*).

**TORONTO TESTIMONIALS**

"The Seed I had from you last year gave every satisfaction. The *Cannas* produced remarkably fine flowers, and amongst them I found a new one—a decided novelty—which I greatly value. The *Petunias* also were very superior."—A. McPherson, Gardener to Col. Sweeney, "Rochallion."  
"Everything turned out first-class and true to name."—Thomas J. Seavour, Gardener to E. B. Osler, Esq., "Craiglea."  
"I have much pleasure in recommending my friends to purchase your Seeds, as they are uniformly first-class in every respect."—John Aymott, Gardener to Prof. Goldwin Smith.  
"We never received any Seeds from your boxes but what gave best of satisfaction."—D. McLaren, Gardener to John Fiskin, Esq., "Deer Park."  
"I was perfectly satisfied with all the seed purchased from you—my *petunias* being particularly fine and very double."—Alexander Hogg, Gardener to late Hon. John Macdonald, "Woodlawn."

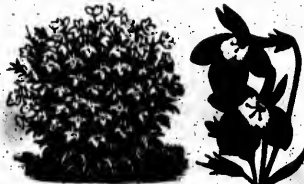
**LAVATERA**



Exceedingly valuable for distinct effect, in masses, and for borders. The dark green leaves are irregularly marked with green & gray and pure white, which give the plant a distinct and handsome appearance. The plants in the early stage of growth do not show much variegation, but they are most marked and beautiful later on. *Hardy annuals.*

- 260. *Lavatera trimestris*, rose and pink striped; 3 ft. .... 5
- 261. — *arborescens variegata*, variegated foliage, handsome, *New perennial* ..... 10

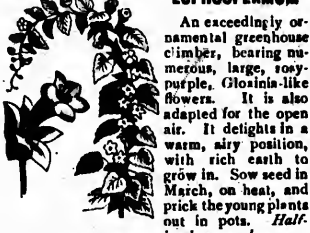
**LOBELIA**



Gems of the flower garden. As an edging the *Lobelia* is unsurpassed, and no plant is more effective. They are early managed, and may be had in the greatest abundance from seed. *Half-hardy annuals.*

- 262. *Lobelia Cardinalis* (Cardinal Flower), brilliant scarlet flowers . . . 10
- 263. — *Helios coccinea* (Crystal Palace), intense blue; 1/2 ft. .... 10
- 264. — *speciosa* (White Gem), pure white; 1/2 ft. .... 10
- 265. — *speciosa superba*, deep blue, with white eye. .... 10
- 266. — *graecilla*, a very fine variety for hanging baskets, vases, etc., trailing gracefully and bearing its beautiful blue flowers profusely. .... 10
- 267. — *graecilla*, white, similar to the above, except in the color of its flower. .... 10
- 268. — *fine mixed* ..... 10

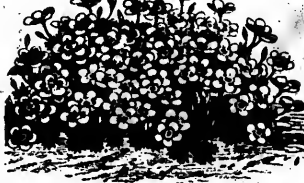
**LOPHOSPERMUM**



An exceedingly ornamental greenhouse climber, bearing numerous, large, rosy-purple, Gloxinia-like flowers. It is also adapted for the open air. It delights in a warm, airy position, with rich earth to grow in. Sow seed in March, on heat, and prick the young plants out in pots. *Half-hardy annual.*

- 269. *Lophospermum Hendersonii*, rose, purple, spotted; 10 ft. .... 10

**LEPTOSIPHON**



Make beautiful low edgings for borders or walks. They do not bear our hot, scorching summers well, and the seed had better be sown late in the autumn, or very early in the spring, and, if possible, in a sheltered situation. *Hardy annuals.*

- 270. *Leptosiphon hybrid*, orange, lilac and rose, mixed; 1 ft. .... 5

**LUPINUS**

The Lupinus are all handsome and graceful, with spikes of pea-shaped blossoms of various colors. They look well as a background to other low-growing annuals. The prevailing colors are blue, though there are white and yellow varieties, and seed must be sown where intended to remain. *Hardy annuals.*

- 271. *Lupinus*, mixed varieties. *Hardy annual.* 5
- 272. *Lupinus*, mixed varieties. *Hardy perennial.* 5

If we desire to be successful, we must supply reliable Seeds.

## MIGNONETTE.

This deliciously fragrant little plant is probably the most popular annual grown. Mignonette does best in as cool a situation as possible. When exposed to the full force of summer heat it begins to form seeds, sometimes before the spikes are fully grown; even our new large flowering varieties under such conditions would not develop their marked improvements.



WHITE SPIRAL MIGNONETTE.

277. **Pyramidal Dwarf Bush**, remarkably compact growing variety, flowers most lavishly, and highly sweet-scented..... 15

273. **White spiral**, this grand Mignonette grows perfectly erect. Its color is pure white, and the grand spikes of bloom can be seen for a long distance, and being so beautiful in form and color, attracts the attention of everybody. Its fragrance is rich and powerful. . . 10  
 274. **Machet**, the finest Mignonette yet known. The plant is a strong bushy grower, bearing spikes of flowers in great number, which are of gigantic size and perfect pyramidal shape, and of a brick-red color. It is extremely beautiful and fragrant. . . 15  
 275. **Golden Queen**, dense pyramidal habit, throwing up numerous flower stalks bearing spikes of yellowish blossoms new . . . 10  
 276. **Miles' Hybrid Spiral**, flowers white very fragrant, spikes 8 to 12 inches long; plant dwarf and branching. . . . . 10



MACHET.

278. **Pyramidal (Victoria)**, forms a dense short pyramid of intense red flowers. . . . . 10

279. **Parson's White**, nearly white, strongly scented, long well-formed spikes . . . . . 10  
 280. **Mignonette (Sweet)**, oz. 20c. . . . . 5

### MIRABILIS (Four o'clock)

Handsome border plants, with rich, glossy leaves, profusion of bloom, and diverse colors and foliage. The flowers open in the afternoon, hence the name Four o'clock. *Hardy annuals.*

281. **Mirabilis jalapa** (Marvel of Peru) mixed; 2 ft. . . . . 5  
 282. **foliis-variegatis**, flowers of a variety of colors; leaves light green, faintly marbled (see cat) . . . . . 5

### MYOSOTIS (Forget-Me-Not)



The Forget-Me-Not bears clusters of star-shaped flowers, of a delicate blue color, with a white and yellow eye. Flowers the first season. *Hardy perennial.*

283. **Myosotis palustris** (Forget-Me-Not), white and blue. . . . . 10  
 284. **—alpestris**, blue; 6 inches. . . . . 10  
 285. **—discolora**, deep blue, early; 1 ft. . . . . 15

### MALOPE



Very showy plants, suitable for large beds and mixed flower and shrubbery borders.

286. **Malope**, white and rose, mixed. . . 5

### MIMOSA (Sensitive Plant)

Very interesting and curious. So sensitive is it that when touched the leaves will instantly close or droop. Seed should be started under glass or in the house. *Tender annual.*

287. **Mimosa pudica**, pinkish white; 2ft. 5



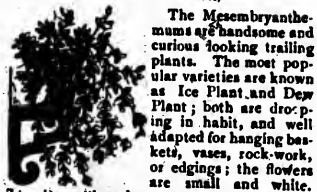
VARIEGATED MIRABILIS



MIMOSA

### MESEMBRYANTHEMUM

(Ice or Dew Plant)



The Mesembryanthemum are handsome and curious looking trailing plants. The most popular varieties are known as Ice Plant and Dew Plant; both are drooping in habit, and well adapted for hanging baskets, vases, rock-work, or edgings; the flowers are small and white.

The Dew Plant has a smooth, light-green, dewy-looking leaf and a very pretty pink flower. *Tender annuals.*

288. **—Ice plant**, singular ice-like foliage 5  
 289. **—Dew plant**, rose, purple centre 5  
 290. **—Tricolor album**, white . . . . . 5

### MAURANDIA



Charming Climbers, elegant alike in flowers and foliage, and of graceful, slender growth. The seed should be started in hot-bed or greenhouse. *Half-hardy perennials.*

291. **—Barclayana**, rich blue; 10 ft. . . . 10  
 292. **—scarlet**, rich; 10 ft. . . . . 10  
 293. **—finest mixed** . . . . . 10

Marguerites (see Chrysanthemum).  
 Mast Flower (see Alonzo).  
 Mink (see Mimulus).  
 Monkey Flower (see Mimulus).  
 Morning Glory (see Convolvulus).  
 Mourning Bride (see Scabiosa).



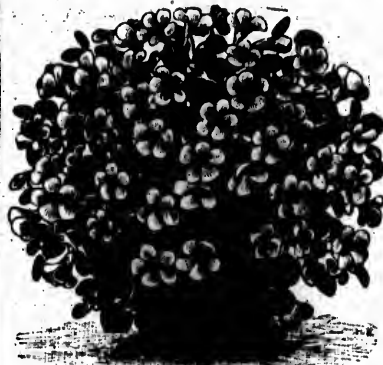
Beautiful, colored flower markings, shady situations, and shade.

294. **Mimulus** (see Mimulus).  
 295. **—Hybrid** (see Mimulus).  
 296. **—** (see Mimulus).  
 297. **—** (see Mimulus).  
 297a. **—New** (see Mimulus).  
 298. **—** (see Mimulus).  
 299. **—** (see Mimulus).  
 300. **—** (see Mimulus).  
 301. **—** (see Mimulus).  
 302. **—** (see Mimulus).  
 303. **—** (see Mimulus).

Well-known handsome double colors, in large beds, well in order.

298. **—** (see Mimulus).  
 299. **—** (see Mimulus).  
 300. **—** (see Mimulus).  
 301. **—** (see Mimulus).  
 302. **—** (see Mimulus).  
 303. **—** (see Mimulus).

Our custom



(DWARF NASTURTIUM)

**NASTURTIUM**

(TALL AND DWARF)

For showy and constant bloom, few garden flowers equal the old Nasturtium. They are sure to bloom in any situation, hot or cold, wet or dry, and no garden can be complete without a fair representation of them. *Hardy annual.*

- 303. **Climbers, Orange-rose,** (Canary Bird Flower), bright yellow (*see cut*) ..... 10
- 304. — **Leblinnum** finest mixed, splendid climbing varieties, with dark foliage and handsome, brilliant flowers, 10 ft., per oz., 40c. 10
- 305. — **Major** (Tall Nasturtium), mixed colors; per oz., 20c. .... 5
- 306. — **Dwarf, Tom Thumb**, scarlet 5
- 307. — **Empress of India**, very dwarf, dark tinted foliage, flowers brilliant crimson; per oz., 25c. 10
- 308. — **Crystal Palace Gem**, sulphur yellow, spotted maroon; 1 ft., per oz., 25c. .... 5
- 309. — **Baby King**, dark foliage, rose. 10
- 310. — **Beauty**, orange and vermilion 5
- 311. — **Pearl**, almost white; per oz., 25c 5
- 312. — **five mixed colors**; oz. 25c. 5



Canary Bird Flower

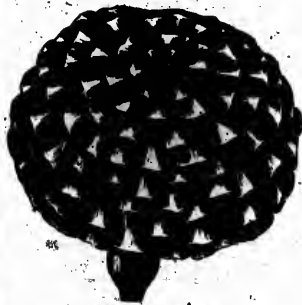
**MIMULUS**

(Monkey Flower)

Beautiful, singularly shaped and brilliantly colored flowers, with curious and various colored markings. In open ground, require a damp, shady situation. *Perennial* for greenhouse use, and *half-hardy annual* for out of doors.

- 294. **Mimulus tigrinus** (Monkey Flower), double, tube-shaped flowers, beautifully spotted; 1 ft. .... 10
- 295. — **Hybrid**, large flowered ..... 10
- 296. — **subrotatus** (musk plant), yellow; ½ ft. .... 10
- 297. — **compacta** ..... 15
- 297a. — **New Giant**, a magnificent strain, beautifully spotted ..... 20

**MARIPOSA**

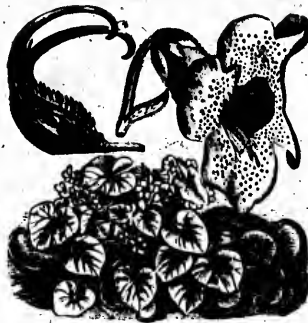


**FRENCH DWARF**

Well-known, free flowering plants, with handsome double flowers, of rich and beautiful colors. The African is the most striking in large beds or mixed borders. Succeed well in ordinary garden soil. *Hardy annual.*

- 298. — **African Eldorado**, large flowers, finely imbricated and perfectly double; shading from primrose to deep orange ..... 10
- 299. — **African dwarf**, mixed, finest double varieties ..... 5
- 300. — **French Tall Double**, finest double varieties, mixed; 2 ft. .... 5
- 301. — **French dwarf double**, finest double varieties, mixed; 1 ft. .... 5
- 302. — **Tangerine signata pusilla**, bright yellow, splendid, compact. 5

**MARTYNA**



Exceedingly pretty, free-flowering plants, with large flowers of great beauty, and producing a fine effect when planted in open borders; quite a curiosity (*see cut*). *Half-hardy annual.*

- 313. **Martynia fragrans**, fragrant, crimson-purple; ½ ft. .... 5

**NICOOTIANA**

Deliciously fragrant, large white flowers; very ornamental and one of the best of recent introduction; but should not be planted in a conspicuous situation, as the plant is not ornamental during the daytime. *Hardy annual.*

- 314. **Nicotiana affinis**; ½ ft. .... 10

**NOLANA**



Nolanas are of a trailing habit; and admirably adapted for rock-work, hanging baskets, vases, etc. The flowers resemble the Morning Glory, brilliant, freely produced, of various colors. *Hardy annual.*

- 315. **Nolana striatipetala**, mixed colors. 5

**NIGELLA**

(Love-in-a-Mist)



Fine border plants with prettily cut foliage and curiously formed flowers, which have procured for them the popular name, "Love-in-a-Mist." *Hardy annual.*

- 316. **Nigella Damascena** (Love-in-a-Mist), double, mixed colors; ½ ft. .... 5
- 317. — **Damascena nana**, double, blue, ½ ft. 5

**NEMOPHILA**

Charming, dwarf-growing annuals, with neat, compact habit, and strikingly beautiful color. To secure the greatest perfection; thin to four inches apart, the plants will then present a dense mass of flowers.

- 318. **Choccolat varieties**, mixed ..... 5

**NIEREMBERGIA**

Charming plants for baskets, vases and edgings, of slender and branching habits, profuse flowering and almost perpetual in bloom. Seed should be sown under glass or in the house, and transplanted when the weather is warm. *Half-hardy perennial.*

- 319. **Nierembergia gracilis**, white, veined with lilac, fine for pots; ½ ft. .... 5

**PYRETHRUM**

The golden-leathered Pyrethrum is one of the most useful bedding plants for ribbon beds or low edgings. In spring it looks like masses of gold; in summer it relieves the sombre lines, lighting up the whole garden and harmonizing with everything. *Hardy perennial.*

- 320. **Pyrethrum, Golden Feather**, golden foliage; 1 ft. .... 10
- 321. — **Form Leaved**, new; flat golden foliage, dwarf, compact habit, of great interest and beauty; 1 ft. 20

Our customers have already learned to appreciate the fact that we never praise a new variety to a greater degree than it deserves



\*\*\*\*\*  
Our  
 \*\*\*\*\*  
Superb  
 \*\*\*\*\*  
English  
 \*\*\*\*\*  
Strain  
 \*\*\*\*\*

### PANSY OR HEARTSEASE.

Every lover of flowers knows and cultivates the Pansy. As it is an almost universal favorite we have devoted a great deal of time and attention toward getting seed of the largest and most perfect blossoms, the truest types in colors, and also the wonderfully marked varieties of Prize Pansies and we can honestly claim that our stock is unsurpassed by any.

323. **Giant Tricolor**, this is, without doubt, the largest of all the Pansies. The blossoms are simply enormous, perfect in form, and run through all the varieties of colors, from the lightest shade to the darkest purple, and are marked with the varieties of Pansies and we can honestly claim that our stock is unsurpassed by any.
324. **Cassler's Superb**, a splendid class, embracing most varied and attractive varieties. Many of the flowers are blotched on upper petals, as well as on the lower, and wonderfully marked and shaded, so as to resemble the finest types of Fancy Pelargonium ..... 15
325. **Ziraglobel's Improved Giant**, a great improvement on the original, both in size and color. We have seen flowers exhibited by the rather measuring ten inches in circumference. Gained first honors at the Massachusetts Horticultural Society's shows; per 1/2 oz. \$2.00..... 25
326. **New Color or Prize Blotched**, a magnificent strain of fine varieties, producing large, handsome flowers of great substance and variety of coloring, the petals of which are beautifully blotched..... 25
327. **Bugnet's French**, new French strain of fine, robust growth; great variety of colors; the flowers are of great substance and borne well above the foliage..... 50

328. **Our Superb English**, a very pure strain, which has been saved from the choicest varieties, and may be relied upon to produce quite satisfactory results, and a great variety in character and color of flowers..... 50
329. **French Stained**, superb strain; very large, finely formed flowers, beautiful colors..... 25
330. **Emperor William**, fine large flower, ultramarine blue, purple violet eye..... 15
331. **Snow Queen**, a charming, delicate, satiny white, slightly tinged with yellow toward the centre..... 15
332. **Golden Yellow**..... 10
333. **Golden Married**..... 15
334. **King of the Blacks** (Faust), dense black..... 10
335. **Lord Beaconsfield**, violet, shading to white on upper petals..... 15
336. **Quadriflor**, four distinct colors on each flower..... 10
337. **Mixed Colors**..... 5



PETUNIA

### PETUNIA

Petunias make most valuable plants, succeeding almost anywhere. For massing in beds their rich colors and duration of bloom is seldom equalled, giving a profusion of flowers from early summer until after frost.

338. **Fringed, large flowering, single**, handsomely frilled and fringed, with stained markings..... 25
339. **Grandiflora superbissima**, magnificent, extra large flowers, with very deep throat, beautifully veined to the base..... 25
340. **Grandiflora striped**, a very fine strain, with large and perfect veined flowers, mixed colors..... 25
341. **Grandiflora, choicest mixed**..... 10
342. **Double Hybridized and Fringed**, this exquisite sort will produce an unusually large percentage of fine, large, double fringed flowers..... 50
343. **Double large flowering, fringed**, pure white (new). This is the first separate color of Double Petunias, the producer has succeeded to maintain pure; the flowers are very regularly double, and come true from seed..... 50
344. **Hybrids, finest striped and blotched varieties, mixed**..... 25
345. **Fine Mixed, splendid varieties**..... 5

Early blooming beds or pots are borne yellow, veined, la. 346. Po. 347. Oh. Pretty neat, with beautifully 18 inches 347. Oh.

These are colored flower ornament to and are diffusing spring where 348. Peppery 349 - Car mixed 350. - Ram flower 351. - Dan large wh

Never for



Our  
Superb  
English  
Strain

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universal favorite  
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Sweet Peas

These are among the most useful and beautiful of all our hardy annuals, and continue to produce their fragrant, rich and varied colors of bloom the entire season. For edges or masses in the garden, trained on bush or strings, they are exceedingly showy, but for cutting bouquets, vases, corsage or buttonhole wear, no flower except the rose can equal them. Sow thickly, and plant four inches deep, very early in the spring. Furnish support early. They luxuriate in a cold moist soil, and in a damp season—six feet. *Hardy annuals.*

- 352. **Sweet Pea, Vesuvius**, This is unlike any Sweet Pea hitherto known. The upper petals are distinctly spotted on a rosy ground color, shading into purple at the throat; the lower petals, or standard, are of a velvety violet, shading off into lilac toward the edge. 10
- 353. **Adonis**, a charming rose-pink Sweet Pea, affords a very pleasing color, previously unknown to Sweet Peas. The bright, rosy carmine or pink blossoms make a neat contrast with the pure white, scarlet and other decided colors. 10
- 354. **Princess Beatrice**, a delicate bluish; very fine; os. 20 . . . . . 5
- 355. **Princess of Wales** . . . . . 5
- 356. **Butterfly**, white ground, delicately laced with lavender blue; fragrant and valuable for bouquets; os. 25 . . . . . 10
- 357. **Scarlet & Lavender**, a beautiful rich scarlet, very constant; os. 25 . . . . . 10
- 358. **Painted Lady**, rose and white; os. 15 . . . . . 5
- 359. **Violet Queen**, of dwarf habit; but very free flowering; the flowers range in color, from deep mauve of the standard to light violet of the wings; very pretty; os. 25 . . . . . 15
- 360. **Black**, very dark, brownish purple; os. 15 . . . . . 5
- 361. **Orange Prince**, a new color, and exceedingly fine . . . . . 15
- 362. **Striped**, os. 15 . . . . . 5
- 363. **White**, os. 15 . . . . . 5
- 364. **Selected Mixed** 1/2 lb. 40; os. 15 5

PEAS—PERENNIAL VARIETIES  
Lathyrus latifolius, scarlet . . . . . 5  
—sibirica . . . . . 10

PERILLA

These are useful plants for back-ground, or as single specimens in mixed borders, having fine dark ornamental, broad serrated leaves of a purplish-mulberry color. Start under glass. *Half-hardy annual.*



367. **Perilla Nan-kinensis**, 1 1/2 ft. 5

Pot Marigold, (see Calendula).  
Primula (see Greenhouse).  
Primrose (see Primula).

PHACELIA



Very curious plants which produce their bloom in one-sided fascicles, which unroll themselves slowly; the flowers are pretty but somewhat hidden by their leaves. Good for borders and bouquet making; valuable for bee food. *Hardy annuals.*

- 368. **Phacelia congesta**, light blue. 5
- 369. **Phacelia albica**, white. 5

PILOTIA

Very much like the Carnation, as fine and more delicate in its coloring. Seed sown in the open ground in May or June, will flower well next season. *Hardy perennials.*

- 370. **Fine double mixed** . . . . . 25

PORTULACA



In brilliancy, delicacy and beauty of color the Portulaca surpasses all other out-door plants, thriving in places where most plants would perish for lack of moisture, giving its largest and brightest flowers. It delights in warm sun and sandy soil. Sow seed in the open ground or under glass, and transplant; after plants appear withhold water; if the bed has a full exposure to the sun, the ground will soon be covered with the plants, and the effect and variety of colors will be grand, continuing in beauty till killed by frost in autumn. *Half-hardy annuals.*

- 371. **Portulaca, double, large** . . . . . 10
- 372. **Single large flowering, all colors, mixed** . . . . . 5.

OENOTHERA

(Evening Primrose)

Charming hardy plants, with large, showy flowers; old favorites in the flower garden. They deserve to be more widely grown. The flowers open in the evening, in a sudden and curious manner.

- 373. **Oenothera** (Evening Primrose), yellow, 1 1/2 ft. *Half-hardy annual.* 5
- 374. **acaulis alba**, very dwarf, leaves lying close to the ground, large pure white flowers; 1 1/2 ft. *Hardy perennial.* 10
- 375. **Lamarckiana**, bright yellow, large flowers; 3 ft. *Hardy perennial.* 5

Never forget the Sweet Peas, which should be planted as soon as the frost is out of the ground sufficient to work. Always keep the flowers closely picked, and nothing will better repay you.



## PHLOX DRUMMONDI

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red; and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox. We have an excellent strain. Height, 1 foot. *Half-hardy annuals.*

376. **Phlox, "Star of Queensland"**  
An extraordinary novelty of high merit. The centre of each petal runs out into a point one-quarter to one-third of an inch beyond the edge, which gives the flowers a regular starlike form. The plant grows about 1½ feet in height, of compact habit and bears large umbels of flowers. Will be really better than last season, having been grown from selected stock, and a number of brilliant colors added, including scarlet, pink, white, violet, salmon, etc. Mixed colors ..... 25
377. — **New Fringed.** A valuable introduction, embracing two distinct and showy colors, purple-violet and carmine; these are rendered more effective by the beautiful fringed and toothed edges of the petals, having more or less a border of white.... 20

378. **Phlox Alba**, pure white..... 10  
379. — **Cardinal**, brilliant scarlet..... 10  
380. — **Isabellina**, pale yellow..... 10  
381. — **Redovitzki**, rose, striped white 10  
382. — **Lepolditi**, red, with white eye 10  
383. — **Mixed**, finest varieties, per oz. . . 5

387. — **Elegans**, margin from rose to crimson, with large white centre or eye 10  
388. — **Mixed**, finest colors, per oz. .... 10

### NEW DWARF PHLOX DRUMMONDI.

These new dwarf varieties are distinguished by their neat and compact habit, making fine plants for pot culture, small beds and edgings; height, ½ ft.

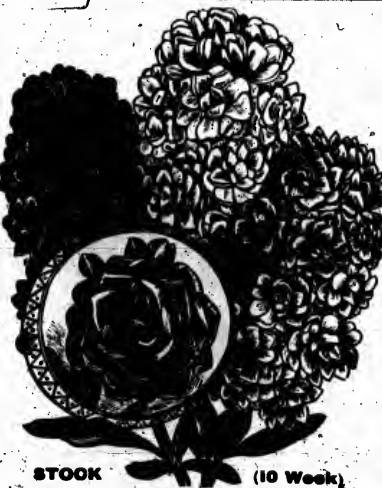
389. — **Nana compacta, fireball**, bright scarlet ..... 15  
390. — **Snowball**, pure white..... 15  
391. — **Variegata**, slaty blue..... 15  
392. — **Mixed**, colors very choice ..... 10  
393. — **Perennial Phlox, mixed**, saved from the finest varieties..... 15
- LARGE FLOWERING SECTION.**  
The flowers in this class are very large, handsomely rounded and of great substance, equalling the perennial sorts in size.
384. — **Grandiflora splendens**, bright scarlet, with white eye; one of the finest and quite constant ..... 10  
385. — **Alba**, white ..... 10  
386. — **Boonicea**, bright scarlet..... 10

- ROCKET**  
A very interesting, useful and free-flowering plant. Blooming early, it remains beautiful for a long time in beds, ribbons, etc., and is much admired for the fragrance of its flowers. *Hardy perennial.*
394. **Sweet Rocket**..... 5



- RICINUS (Castor Oil Bean)**  
Ornamental plants of stately growth and picturesque foliage — brilliant colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for ribbon beds. *Half-hardy annuals.*
395. **Ricinus borbonensis**, large, handsome foliage; 6 ft. .... 5  
396. — **sanguineus**, deep red stalks, scarlet fruit; 5 ft. .... 5  
397. — **Brazilensis**..... 10

- RHODANTHE**  
A charming everlasting of great beauty, a very compact and ornamental plant, producing a beautiful effect in beds or ribbons; its silvery, rose-tinted flowers are in great demand for winter decorations. *Half-hardy annuals.*
398. **Rhodanthe, mixed**..... 5



- STOCK (10 Week)**  
**STOCKS (Gilly-flower)**  
A world-wide favorite, brilliant and varied in color, equally well adapted for massing, bedding or pot culture. Very profuse bloomers.
399. **Stocks, East Lothian, wall-leaved, snow-white.** This is a sterling novelty. The purity of the white shows well above the grassy-green foliage. *Half-hardy biennial.* ..... 15  
400. — **East Lothian, mixed** 10  
401. — **Princess Alice.** A splendid stock for cutting and quite fragrant; succeeds equally well when grown in pots ..... 20  
402. — **Snowflake, very Dwarf.** A beautiful small growing variety, with vigorous main spike and numerous side shoots of very large double, snow-white flowers; very early..... 15  
403. — **Dwarf German**, pyramidal, mixed; 1 ft. .... 10  
404. — **Dwarf Bouquet**, choice mixed colors..... 10  
405. — **Ten Week large flowering, mixed** ..... 10  
406. — **Ten Week Dwarf, large flowering** ..... 10  
407. — **Ten Week Dwarf, large flowering, white**..... 10  
408. — **Ten Week Dwarf, wall-flower, mixed**..... 10  
409. — **Brompton New Giant**, pure white..... 10  
410. — **Brompton New Giant**, cottagers scarlet ..... 10

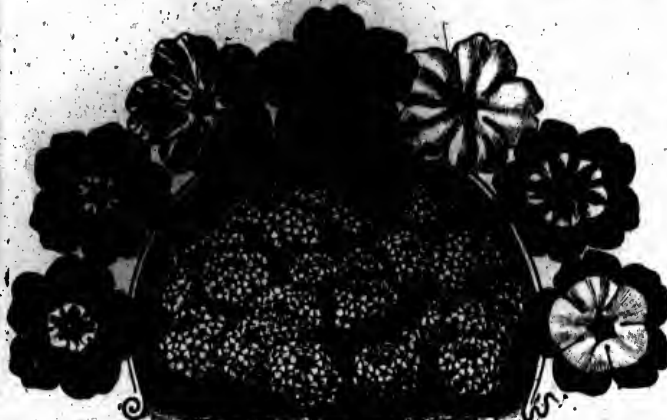
FOR LATE FLOWERS, nothing can surpass Aster, Ageratium, Adonis, Marigold, Salvia, Dahlia and Zinnia

## VERBENA

Gorgeous for beds or massing, bearing heads of flowers 3 inches across and of the most brilliant colors; flowering continuously from spring until late in the autumn. Verbenas grown from seed are always thrifty and free bloomers. Sow in house or hot-bed very early.

- 423. **Verbena auricula-flowered**, choice mixed colors, white centre ..... 10
- 424. — **Cerulea**, blue ..... 10
- 425. — **Ganddisima**, pure white, quite true ..... 10
- 426. — **Italian**, striped and variegated 10
- 427. — **hybrids, mixed**, extra choice ..... 10
- 428. — **Defiance**, brilliant scarlet... 10
- 429. — **mixed**, choice colors ..... 5

**New Mammoth Strain** (offered in the NOVALTIES), being the latest addition to our list. 20c.



(VERBENA)

### SALVIA

#### (FLOWERING SAGE)

These are among the finest of all bedding plants. Being tall growers, they are useful for the centers of flower beds, or for a border to a bed of Cannas, etc.

- 411. **Salvia Splendens**, large scarlet ..... 10

#### SWEET WILLIAM

A beautiful and favorite class of plants, of extreme richness and diversity of color, very large and almost perfect in form, with trusses of great size. *Hardy perennial.*

- 412. **Sweet William** (*Dianthus Barbatus*), finest mixed, 1 1/2 ft. ... 5
- 413. — **cut-flowered**, flowers of great size, beautifully eyed, mixed colors, 1 1/2 feet... 10

### SCIZANTHUS

#### (BUTTERFLY FLOWER)



In this charming variety we have one of the finest annuals in cultivation. The flowers are as handsome as some of the orchids. *Half-hardy annuals.*

- 414. **Scizanthus** (Butterfly flower), handsome, 2 ft. .... 5
- 415. — **pinnatus**, best varieties mixed, 2 ft. .... 5

### SCABIOSA

#### (MOURNING BRIDE)

A handsome dwarf and compact growing plant; producing a profusion of fragrant flowers which are quite double and globular, varying in all shades, white, carmine, maroon, lilac, etc. *Hardy annual.*

- 416. **Scabiosa Major**, mixed 3 ft. ... 5
- Sensitive Plant* (see Mimosa).  
*Tropaeolum* (see Nasturtium).

### SEDUM

#### (STONE-CROP)

A dwarf little plant, growing freely on rock work, vases, old walls, etc. 3 in.

- 417. **Sedum Coerulesum**, blue, 1/2 ft. .... 10

### STIPA PENNATA GRASS

#### (FEATHER GRASS)

- 418. Graceful and beautiful; flowers second season, 2 feet. *Half-hardy perennial.* ..... 5



SALPIGLOSSIS  
SNAIL PLANT, ETC.

These are more or less cultivated for their curious seed vessels. The Snail and Hedge-hog ate the best.



- 419. **Snail**, clover-like plant, small, yellow flowers 10
  - 420. **Hedge-hog**, like above, except seed pod. 10
  - 421. **Caterpillar**, exceedingly curious. .... 10
  - 422. **Worms**, quite an oddity. .... 10
- The above four varieties, mixed ..... 20

### SANYITALIA

Pretty, free-flowering trailing plant, very useful for waste places and rockeries, continuing in bloom during the summer and autumn months. The flowers are double and of a brilliant yellow. *Hardy annual.*

- 430. **Sanyitalia procumbens**, golden yellow, double, 1/2 ft. .... 10

*Snapdragon* (See Antirrhinum).

*Scilla* (See Greenhouse).

*Solanum* (See Greenhouse).

*Sunflower* (See Helianthus).

### SAPONARIA

Extremely beautiful, dwarf, compact growing plants, producing a mass of rich pink and white flowers, which continue in bloom the entire summer.

- 431. **Saponaria, Mixed** ..... 5

### SALPIGLOSSIS

The color and markings of the Salpiglossis are most beautiful. The shape and size of the flower is similar to that of the Petunia, borne in great profusion and presents a very beautiful sight. It is a flower which will always please everyone, and should be more generally grown. (See cut.)

- 432. **Salpiglossis, Mixed Colors**, very fine ..... 5

### STATICE

#### (EVERLASTING)

Beautiful, free-blooming plants, equally valuable for their bright flowers in summer, or for cut flowers for winter bouquets.

- 433. **Statice incana hybrida**, 1 1/2 ft. .... 10

### TRISTE

- 434. **Choles Scotch** ..... 10

### TRITOMA

#### (RED HOT POKER PLANT)

Few flowers produce such a striking effect and are so attractive as this grand herbaceous plant. It throws up flower stalks three to five feet high, bearing large solid spikes of flame colored flowers of great size and brilliancy. *Half-hardy perennial.*

- 435. **Tritoma, uvaria grandiflora** ..... 1

#### See BULB AND PLANT LIST.

*Solanum* (See Greenhouse).

*Scilla* (See Greenhouse).

*Snapdragon* (See Antirrhinum).

What we cannot recommend we do not catalogue, and what we do not catalogue you do not



## ZINNIA

The Zinnia is, indeed, a grand flower, as large and double as the Dahlia, and of a great variety of fine colors. A bed of Zinnias makes a grand show, and is always greatly admired, being constantly in the bloom, from the last of June until killed by autumn frosts. If there are any people who pretend not to like Zinnias, let them try our seeds, and they will at once change their minds. We know that our Zinnias are the best to be had anywhere in the wide world. *Half-hardy annual.*

- 445. **Zinnia Zebra**, a new, showy and interesting variety, very double, many of the flowers are beautifully striped and pencilled, while others are similarly marked upon one side, the remaining portion of flower being distinct in color, such as orange, crimson, scarlet, etc., all colors mixed. 10
- 446. — **Lilliputian**, charming new variety, of small but very regularly formed flowers. 15
- 447. — **Darwin**, perfectly double, distinct, all shades of colors, mixed. 10
- 448. — **Extra Ohioe Mixed**, saved from selected double flowers. 5
- 449. — **Hesperina** (Mexicana), a splendid double variety; flowers deep orange, margined with yellow, keeping its color when dried as a winter flower. 5

## ZINNIA

### THUNBERGIA

Very fine trailing plants, producing masses of pretty flowers. When allowed to trail on the ground they make a beautiful bed. The colors are delicate and beautiful.



436. **Thunbergia**, mixed colors. 5  
**Umbrella Plant** (see Cyperus.)

### VALERIAN

Showy border plants. The improved varieties bear large corymbs of small flowers, scarlet, white, and red, of easy culture. *Half-hardy perennial.*

437. **Valerian**, scarlet, white and red, mixed. 5

### VIRGINIAN STOOK

(Cheiranthus)

Hardy, low-growing, profuse fragrant flowering annuals, for edges or small beds or pot culture. 438. **Mixed**, red and white, mixed or separate. 5

### VIOLET

The little sweet scented Violet is perfectly hardy, and should not be wanting in any garden, on account of its early appearance, delightful fragrance, and profusion of bloom, which lasts from early spring throughout the summer months. A single flower will perfume a whole room. *Hardy perennial.*

- 439. **Violet** (Sweet-Scented English), dark blue; 1 ft. 10
- 440. — **English White** 10

### VISCARIA



A genus of very pretty, profuse-blooming plants, adapted for growing, either in beds, edgings or clumps. *Hardy annual.*

- 441. **Viscaria oculata**, pink, with rich crimson eye; 1 ft. 5

### WIGANDIA

Majestic ornamental leaved plants; the leaves are immense, often 3 ft. long by 1 1/2 wide, richly veined, and the stems covered with crimson hairs. *Half-hardy perennial.*

- 442. **Wigandia caracasana**, pretty. 10
- 443. — **Vigotii**, superb foliage; 7 ft. 10

### WAITZIA

The Waitzia is a delicate and interesting class of annuals, growing about 12 in. high, and producing flowers in clusters. *Half-hardy annual.*

- 444. **Waitzia grandiflora**, flowers large, golden yellow. 10

### WHITLAVIA

The Whitlavia makes pretty plants, with delicate foliage, producing a constant succession of drooping clusters of blue and white bell-shaped flowers. For shady situations there are few plants that give more pleasure; makes good plants for vases, baskets or pots. *Hardy annual.*



- 450. **Whitlavia**, fine mixed; 1 ft. 5

### WALLFLOWER

Highly prized for their long continuance in bloom, and for the delicate odor of their flowers. Single and double varieties of the various shades of golden yellow, red and dark bronze. *Half-hardy perennial.*

- 451. **Wallflower**, double German, extra fine, mixed. 15
- 452. — **single**, splendid, mixed; 1 1/2 ft. 5

### XERANTHEMUM

(Everlasting)

Showy annuals, bearing in profusion large crimson, purple or white flowers, fine for winter bouquets. *Hardy annuals.*

- 453. **Xeranthemum**, mixed. 5

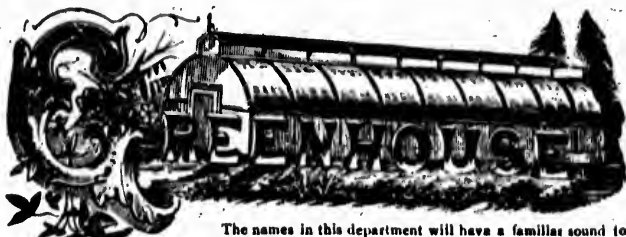
### ZEA MAIZE

(Striped Japanese Corn)

An ornamental foliage plant of much beauty. It is a species of corn, with large foliage, the leaves being beautifully striped with white and green. *Half-hardy annuals, from Japan.*

- 454. **Zea japonica**, striped foliage; 6 ft. 5

WE ARE COUNTING ON YOUR ORDER THIS SEASON



pleasure in growing from seed—in watching every day's growth, from the tiny seed-leaf to the full developed plant in all its grand display of beauty. We do not wish to convey the idea that the seeds in this department must necessarily be sown in a greenhouse, as most of the varieties will succeed as well in the dwelling-house, if the conditions congenial to their health can only be secured, which the greenhouse or conservatory furnish; these are light, warmth, air and sunshine.

The names in this department will have a familiar sound to all lovers of house-plants. The Abutilon, Cineraria, Camellia,

Geranium, Fuchsia, etc., are associated with our earliest recollections. Most persons procure plants from the greenhouses, and when but one or two of a kind are needed, this is a good plan. Some however, have greenhouse and desire many plants, and others take pride and

The Following List Contains the Cream from European Specialists



AZALEA

Shrubby plants, large heads of beautiful many colored flowers, and are borne in profusion during the winter and spring. *Tender perennial.*

455. *Azalea Indica*, finest mixed; 1 to 4 ft. 25

ABUTILON

Beautiful plants, blooming almost continually; also succeeding well in the open ground in summer. Flowers bell-shaped, 1 to 2 ins. across; 2 to 4 ft.

456. *Abutilon*, finest mixed varieties; red, white, rose, orange, etc. 25

BEGONIA

457. *Begonia, Double Tuberosa-Rosea*, mixed. The seed we offer has been hybridized with the greatest care, using the most double flowers, and the handsomest single varieties for that purpose. 50

458. — *finest double mixed*, saved from a splendid collection. (See Bulb List)... 50

CALCEOLARIA

Gorgeous plants; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer.

459. *Calceolaria, Williams' strain*, famous for richness and variety. 1.00

460. — *Carters' Victoria Prize*, excellent. 75

461. — *Begonia*, (shrubby), excellent for bedding. Finest mixed. 50

462. — *Spotted and Mottled*, varieties mixed. 50

OENEAUREA

White Leaved or Dusty Miller Varieties

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants.

463. *Oenaeaurea Gymnocarpa*, graceful silver foliaged variety, one of the best for bedding purposes. 15

464. — *Candilissima*, a dwarf silver leaved plant, extensively used for ribbon lines. 15

465. — *Cimental*, produces crowns of silvery leaves, deeply fringed and cut in lobes. 15



COLEUS

CINERARIA

For a showy flower, the Cineraria has few equals, bearing as it does hundreds of large showy flowers of various colors and markings.

466. *Cineraria hybrida* (new dwarf), a splendid strain of large flowering hybrids; dwarf, compact and bushy, mixed colors. 50

467. — *Hybrida*, large flowering, mixed colors. 50

468. — *Williams' extra choice strain*, large flowering and very fine. 1.00

469. — *White Polka-dot* (Maritima Candidissima) 25

470. — *Double extra choice*, mixed. 50

471. *Glantus* (Australian Glory Pea) A most magnificent plant, with singular foliage and magnificent clusters of long, drooping flowers, somewhat resembling a parrot's beak.

472. *Glantus* (Australian Glory Pea), brilliant scarlet, with a black blotch in the centre 50

OHRYSAANTHEMUMS

473. *Ohrysanthemum Indicum*, the varieties are numerous and are divided by florists into various classes, "Chinese," "Pompon," "Japanese," etc. Our strains are unselected. 25

474. — *Pompon or Dwarf*, double, mixed. 25

475. — *Japanese*, the Japanese long-petaled or fringed varieties, now so popular, double, mixed colors. (See Plant List) 25

COLEUS

Plants with rich foliage of assorted colors, veined and spotted in a beautiful manner. For groups on lawns and ribboning, are indispensable; 1 to 3 ft. *Tender perennial.*

476. *Coleus*, mixed, the finest sorts. (See Plant List) 25

OUPHEA (Olive Plant)

476. *Ouphea Platycodon*, large flowering variety, with countless bright blossoms. 25

COLOMEN

A most valuable winter blooming plant. Its finely colored flowers keep a long time. Its foliage is pretty.

478. *Colomen Peruvianum*, best; colors mixed. 25

BOHEVERIA

Dwarf plants with fleshy leaves, grown for edgings, ribbon beds, etc. *Tender perennial.*

479. *Boheveria Secunda Glauca*, small bluish white leaves; 2 to 4 inches. 25

FERNS

Graceful plants, giving a beautiful appearance to the conservatory or window; the hardy sorts, grown in rockeries, etc., are beautiful.



480. *Fern, Greenhouse varieties*, mixed. 25

481. — *Hardy varieties*, mixed. 25

We Challenge Comparison with any Reliable Seed House in the Country, either in regard to Quality or Price.

**FUONBIA (Ladies' Ear-Drops)**

Beautiful plants for pot culture; waxy, drooping flowers, 1 to 2 ins. long, of exquisite colors. Red, white, pink, etc. *Tender perennial.*  
482. *Fuehate*, mixed, single, and double, named sorts; 1 to 2 ft 50

**GERANIUM**

Gorgeous flowers, of numerous shades of color, borne continuously, render this the most popular plant grown, either for pot culture in winter, or for bedding out in summer.

- 483. *Geranium*, apple scented, foliage emits a delicious perfume. 25
  - 484. —large flowering, single, mixed, from new varieties. 25
  - 485. —double mixed, includes many varieties. 50
- See Plant List

**GLOXINIA**

Plants of great beauty, for conservatory or greenhouse; flowers 2 to 3 ins. long, tinted, mottled and marked with delicate and rich colors; 1 ft. *Tender perennial.*

- 486. *Gloxinia Grandiflora* assets, of great beauty and diversity, mixed varieties, saved from the finest erect growing sorts; strongly recommended. 75
  - 487. —large flowering mixed. Choice varieties. 50
- See Bulb List

**HELIOTROPE**

Deliciously fragrant flowering plants; great favorites for pot culture in the winter, or bedding out in summer; 1 1/2 ft. *Tender perennial.*

- 488. *Heliotrope*, large flowered, finest mixed. 15
  - 489. —King of the Blanks, a deliciously fragrant flowering variety, bearing large umbels of purplish black flowers continuously; well adapted for pot culture or for bedding out in summer. Price per pkt. 20
- See Novelty List

**HUMEA**

A handsome decorative plant, either for pot or gardens, producing drooping pyramids of ruby-red, grass-like flowers. *Half-hardy biennial.*

- 490. *Humea elegans*. 25

**KENILWORTH IVY**

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

- 491. *Linnaria cymbalaria*, lavender and purple. 25

**LANTANA**

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 5 ft.

- 492. *Lantana*, mixed. 10

**MUSA**

(Abyssinian Banana Tree)

Magnificent for greenhouse and sub-tropical massing, or as single specimens on the lawn they are strikingly effective. Seeds sown early will produce large plants the first season; 6 to 10 ft. *Tender perennial.*

- 493. *Musa inaequalis*. (See PLANT LIST) 25

**PASSION FLOWER**

Handsome, rapid climber, for greenhouse decoration and sunny positions in the open ground in summer. *Scorpaia* is sometimes hardy in a sheltered situation.

- 494. *Passiflora Coarctata*, large flowers, of violet and light blue, slightly fragrant. 10

**PRIMULA (Primrose)**

The "Chinese Primrose" is a great favorite for winter blooming, the foliage is pretty and attractive, and the flowers borne in clusters are perfectly charming, and borne all through the winter and spring.

- 495. *Primula Fimbriata Sinensis*, mixed, extra choice, very large, magnificent flowers of the richest and most varied colors. 50
- 496. —*Fimbriata alba magnifica*, flowers are very large, pure white with a bright yellow eye, each petal finely and beautifully fringed and borne in large clusters well above the foliage. 50
- 497. —fern-leaved, mixed colors, large, finely fringed flowers 50

**PRIMULA OBOONICA (Japanese)**

A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. It is in all respects a lovely flower.

- 498. *Primula Oboonica*. 25

**SOLANUM (Jerusalem Cherry)**

Is well adapted for garden or pot culture, bearing numerous little red fruit, which remain on for a long time and look very ornamental.

- 499. *Solanum Capsicastrum*, 1 1/2 ft. 10

**SMILAX (Myrsine)**

Perennial tuberous-rooted climber, with dark glossy foliage and small white flowers; one of the most desirable greenhouse climbers; 6 to 10 ft.

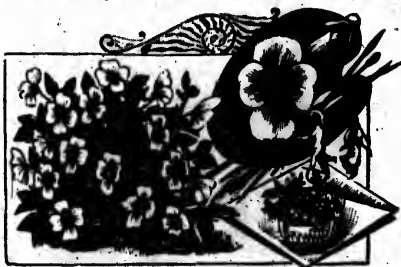
- 500. *Reparagoides* (Boston Smilax); ounce, \$2.50. 15

**TORENIA**

Beautiful trailing plants for vases, baskets, etc.; they bloom continuously during summer, also in the winter, if in the greenhouse; flowers large.

- 501. *Torenia Fourcraea*, an elegant border plant in moist, partially shady situations; flowers, porcelain blue and rich violet; throat bright yellow; 8 inches. 15
- 502. —White Wings, novelty 1990.

The color is unusually attractive, being pure white, with a slight flush of rose at the throat, and is a decided break from the color hitherto known in this genus. The *Torenia*s make one of our best vase and basket plants, on account of their thrifty habit



**WILD GARDEN SEED**

To those who cannot bestow the necessary care required in a neatly laid out flower garden, the "Wild Garden" presents a substitute, which, for its unusual and varied effect, for cheapness and small amount of labor necessary for its construction, has no rival. We have had many satisfactory evidences of the estimation in which the "Wild Garden" is held from those who used our seed the past season.

"Wild Garden Seeds" are a mixture of over 100 varieties of hardy flower seeds mixed together, and wherever planted will insure something new almost every day. Per oz., 50; per pkt., 15c.



and profusion of bloom, and only recently has it been known that they are well adapted for edgings and borders in the open ground, growing, and flowering luxuriantly in the warmest and sunniest situations, from June until frost. They are extensively used in public parks for this purpose, and the long rows, about 8 inches high, are exceedingly beautiful. This new variety, "White Wings," will be even more showy for this purpose. We highly recommend this. Price per pkt., 15c.

You will always have our orders for all Seeds required. S. A. Wesley, Clementsville, N.S.

NOTICE  
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AMAR

**BEGONIA**

(Tuber)  
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**NOTICE.**—The summer flowering bulbs are a most useful and brilliant class of flowers, and are becoming more popular every year, both amongst florists and amateurs everywhere. Bulbs will not be forwarded until severe frosts are over, so that there will be no danger of injury on the way. When bulbs are ordered with seeds, the seeds will be forwarded at once, and bulbs as soon as the weather permits. Customers must not, therefore, be disappointed if they do not find the bulbs in the first package. All bulbs and flowering plants sent by mail, post paid on receipt of price.



AMARYLLIS, or "Knights' Star-Lily."

## Amaryllis or Knights' Star-Lily.

An interesting class of plants, desirable for growing in pots, producing showy, lily-shaped flowers which are very attractive and handsome. The bulbs should be potted in rich, sandy loam, with good drainage. The bulb is of vigorous growth and well repays the care required, being almost sure to bloom the first season. If planted outside after spring flowering it makes a good growth, and is ready for a second blooming in the fall. They require abundant moisture when growing, but at their season of rest, water should be given sparingly. Our stock is very fine.

**Amaryllis Formosissima** (Jacobean Lily), dark crimson flowers, with most charming and graceful appearance. The bulbs are dormant during the winter, and can be preserved like the Dahlias. 35

**Defiance.**—This is perhaps the finest Amaryllis in cultivation; very large carmine-red flowers, with a bar of white through the centre petals; the whole surface flecked and suffused with shadings of white; a sure bloomer, and one that all should have. \$1.00

**Hybrids of Vittata.**—Seedlings from carefully hybridized plants, and may be expected to produce flowers of rare beauty of good size and in varied colors. 60

**Johnsoni**, an elegant pot plant with wine red crimson flowers 6 inches in diameter; each petal striped with white. Flower stalk 2 ft high, with clusters of 3 in 5 blooms. 75

(One each of the above four varieties for only \$2.00.)

## BEGONIAS.

(Tuberous-Rooted)

These Begonias now rank among the finest bulbs for summer flowering. A plant presents a most magnificent sight, and is covered with flowers the whole season. Our collection is magnificent, composed only of the new gigantic flowered sorts which have been so greatly admired.

**All Colors, mixed;** 3 for 75c; 1 each, 30c.

**Double Mixed Colors,** these produce double blossoms of various colors and great beauty; 3 for \$2.60; each 90c.



BEGONIAS.

## COOPERIA DRUMMONDI

THE GIANT FAIRY LILY.

This is one of the good new things of which we have been accumulating an enormous stock that we may give it to our customers cheap. It is a member of the Amaryllis family, the bulbs being as large and solid as a medium sized onion, and should be planted in the spring, either in the open ground or in pots (they do as well one way as the other), where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems ten to fifteen inches high. The foliage is quite long, and of peculiar lavender green color. In the fall the bulbs should be lifted, and kept dry over winter, like Gladioli. It is one of the earliest of all bulbs to grow, absolutely sure to bloom freely, and the beautiful, pure, fairy-like blossoms are ever lovely. We hope we offer it at a price that will tempt all to plant it. Strong bulbs, ready for immediate bloom, 15c, each, four for 50c.



COOPERIA DRUMMONDI



DIELYTRA OR BLEEDING HEART.

## DIELYTRA

OR  
Bleeding Heart.

A superb plant. The flowers are borne on long gracefully curved stalks, delicate rose-colored and white, with purple lips, and presenting when in full bloom a wondrously beautiful appearance. It will endure the coldest winter without protection. **Dielytra spectabilis**, per doz. \$2.50; each, 25c.

## Adonis Vernalis.

A hardy perennial border flower, blooms in May. It has beautiful cup-shaped yellow flowers, and handsome foliage—cultivation very easy, each, 30c.



## Large Flowering French Cannas

The spikes somewhat resemble Gladiolus, but their much more brilliant colors show grandly against their tropical foliage; they bloom continually during the summer months without intermission from June until frost. The flowers range in color from the deepest crimson to light yellow, some being beautifully mottled like the finest Orchids. The roots may be kept over from year to year like the Dahlia or Gladiolus.

**Whorlani**, entirely distinct from all other Cannas, its rich green tropical foliage resembling the Musa or Bananas. The flowers are 3 inches long, and 2 inches wide, of a glowing crimson color. Each 50c.

**Robusta Perfecta**, this variety will grow fully 8 feet high, with immense leaves 4 feet long by 1 1/2 feet wide; of deep bronze and green colors. Each, 25c.

**Xabrina**, very dwarf, with deep bronzy foliage, Each, 25c.

Mixed, unnamed varieties, each 25c., per doz. \$2.00.

## Mexican Star Flower or MILLA BIFLORA

A beautiful small bulbous plant, native of Mexico and recently introduced into cultivation. It should be treated in all respects like a Gladiolus as it is strictly a summer flowering bulb. The flowers are pure waxy white, two inches in diameter, of a star shape, and borne usually in pairs on long slender stems. It is very beautiful especially for cutting as it lasts a long time in water. Too much praise cannot be bestowed upon this lovely flower. It pleases everyone and should be grown very largely. When grown in connection with *Bessera Elegans* and *Cyclotuberosa* the effect is most beautiful. Price 10c. each, \$1.00.



## BESSERA ELEGANS

A summer flowering bulb requiring the same treatment as the Gladiolus. It is a splendid companion to *Milla Biflora*, as it grows about the same height and makes with that lovely flower a pretty contrast. The flowers are one inch in diameter, drooping in clusters, fine scarlet with a white band through the center of each petal. It is easily grown and sure to please all. Native of Mexico. Price 10c. each; per doz. \$1.00.



## FANCY CALADIUMS

Large quantities of these are now used for summer and fall decoration, and nothing can equal the variety and gorgeous coloring of these ornamental leaved plants when grown on verandas or in situations partially shaded. They are easily grown, thriving in pots or boxes in the house or in shaded situations out-of-doors. The bulbs should be dried off in October, and kept in a warm, dry place during the winter. They should be started into growth about May 1st. (See cat.) 40c. each; 3 for \$1.00.

## Caladium Esculentum

As a single plant for lawns or large flower beds it has no superior. Commonly called "Elephant's Ears." Each, 25c.; 5 for \$1.00.

I have used your seeds for the last eight years and find them the finest quality. J. D. Wilkinson, Bears Rapids, Minn.

CALADIUMS



## FIN

Each, 25 c

- Gondor, v.
- Charles I.
- Empress
- Fleming
- Florence
- Hector, la
- Jessie, d
- John Fort
- John Star
- Lady Mild
- Lord Clyde
- Lord Howe
- Mrs. Bee
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... 2 inches wide, of a  
... Each 50c.

... variety will grow  
... mense leaves 4 feet  
... deep bronze and

... deep bronzy foliage,

... each 25c., per doz.

# LEGANS

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... It is a splendid  
... as it grows about  
... with that lovely  
... the flowers are one  
... in clusters, fine  
... rough the center of  
... and sure to please  
... price 10c. each; per



# OUR DAHLIA COLLECTION

The following varieties were specially selected while in flower, and are among the finest show varieties grown. Our collection of this beautiful flower is very fine. Plant Dahlias in the ground when the season becomes warm. These charming flowers love a rich loam. A sandy soil must be thoroughly enriched with old stable manure to insure a good crop of flowers; water thoroughly once a week, and spray the foliage frequently; stake each plant, like as they grow up. In the fall take up roots and store in cellar, free from frost.

**William T. Ahern**, Really an old and fine variety, under a new name, but one that from its novelty is sure to please. It belongs to the class of Fancy Dahlias, which are exceedingly beautiful when they come true to color. We are confident it will please our customers, therefore catalogue it in its dark hue, evenly and distinctly striped with golden yellow, semi-double and very handsome. See cut opposite. Price 25 cents each.

## Dahlia, Woman in White

This handsome White Dahlia of the large flowering class, is a beauty indeed, and one that we are sure will give the greatest satisfaction. The plants are literally covered with pure snow white flowers. See cut below price 25 cents each.



WILLIAM T. AHERN

## FINEST SHOW VARIETIES

Each, 25 cents; per doz., \$2.50; One of each of the following 25 varieties for \$5.00.

- Gondor, very peculiar color, buff, shaded with orange.
- Charles Ledger, deep yellow, edged with red.
- Empress of India, white, striped with lilac, perfect form, large.
- Flamingo, vermilion scarlet, very showy.
- Pierrose Starke, white striped with purple, best of its color.
- Heater, large flowers of good form, cherry red.
- Joseph, dark rich maroon, tipped with white, quilled flowers.
- John Forbes, law color, shaded with yellow, striped maroon.
- John Standish, rich crimson red.
- Lady Wildman, bright lilac, of good form, large and attractive.
- Lord Clyde, deep scarlet, fine form.
- Lord Hamble, rich, red, flowers of medium size.
- Mrs. Beadle, yellow tip white—sometimes shaded red and orange—always perfect.
- Mantes la Ville, deep rose, dark centre, beautiful large flowers.
- Marmoth Queen, rich blood red, very striking.
- Mrs. Marchion, white, deeply edged, with rosy purple.
- Mrs. Saunders, large yellow flower, beautifully tipped with white.
- Ortoto, a yellow variety, deeply edged with white.
- Prussian, Prussian lilac, of perfect form.
- Prince Henry, rosy purple, striped maroon.
- Queen Mab, white, edges of cups marked with cardinal red.
- Queen of Primrose, beautiful primrose yellow, striped purple.
- Sunbeam, chrome yellow, very fine, large flowers.
- Susan Ingram, deep maroon, very richly colored.
- Triumph de Pagar, rich reddish maroon, flowers of perfect form.



WOMAN IN WHITE

## OUR PRIZE COLLECTION

This superb collection took the *first prize* at "The Industrial" last fall, and is in every respect unrivalled. Each, 30c.; per doz., \$3.

- Beauty, large, pure white, extra fine.
- Butterfly, yellow ground, beautifully striped with carmine, very showy.
- Chairman, buff, bright orange, very showy, good form and size.
- Jessie McIntosh, brilliant red, tipped with white, very showy.
- Leader, dark rich purple; produces a fine effect when grown with lighter colored varieties.
- Modesty, bluish, with light centre; large, with great substance.
- Maggie Saul, bluish, white edged, with purple, extra.
- Mrs. Cox, bright yellow, being a pure color, it is very showy.
- Pioneer, black, very large bloom.
- Perfect Valais, deep, rich cardinal red flowers, of good form, very bright and showy.
- Triumphant, rosy, purple, very fine shape.
- Starline, very dark maroon, with white tips, attractive and showy.

## CACTUS DAHLIAS

This new class of Dahlias has opened up an entirely different section. They are intermediate between the double and single varieties, of peculiar and very pleasing form, resembling somewhat some of the Japanese Chrysanthemums. Assorted varieties, mixed, per doz. \$2; each, 30 cents.

## CHOICEST SINGLE DAHLIAS

This new section of the Dahlia family has become exceedingly fashionable, owing to the value attached to the cut blooms; their airy, butterfly-like forms giving these flowers a grace never attained by the finest double sorts. The flowers range from 3 to 5 inches in diameter.

- Aurora, very fine yellow.
  - Beauty of Cambridge, crimson.
  - John Cowan, maroon, shaded.
  - Old Gold, golden yellow, and sometimes marked with crimson.
  - Paragon, dark maroon, shaded with purple.
  - Victory, large, white excellent.
- 30 cents each, the six for \$1.50.

## BOUQUET OR POMPONE DAHLIAS

The flowers of this beautiful class are small, suitable for bouquets, but as perfect in shape as any of the show varieties; they are consequently indispensable in a garden.

- Suzette, deep orange scarlet.
- Little Hugo, deep maroon.
- Little Marquis, bright scarlet.
- Little Rosalie, straw color and pink.
- Little Sultan, amber color.
- Mrs. Deane, vermilion.
- Nobby, white and magenta.
- Snowflake, white, good.
- Nemesis, maroon, tipped with white.
- Cupid, a perfect gem, white; tipped with rose.
- Lurline, amber, very good.
- Hedwig's Fairy, red, tipped with white.

Each, 25 cents; per doz., \$2.50.

Plants can be sent as soon as danger from frost is passed—about first of April—and will be forwarded by mail (post paid) on receipt of price.



## Our : Gladiolus : Collection

**THE GLADIOLUS** is the most showy of all flowering bulbs in fact, as flower equals it for brilliant display, and none are more easily grown. Bulbs should be planted in the open ground, from just of April to first of July, and they will bloom from July to October. Plant three inches deep and four inches apart. In October the bulbs should be lifted, dried and stored in the cellar over winter. They produce the finest effect when planted in clumps or masses, and a bed of a hundred or more is a grand sight. Too much cannot be said in praise of our seedling and mixture. They will produce a gorgeous array of choice colors. Look at our unparalleled list of 8 choice sorts for you.

### THE NEW GLADIOLUS

## “SNOW WHITE”

This remarkably fine Gladiolus is the best white yet grown. Flowers are well formed, of exceptional substance, and are paper white, lasting a long time when cut. Spikes of good size, and petals gracefully recurved. When planted late, a faint shade of purple extends half way through the lower petal. If, however, spikes are cut and placed in water, no trace of pink will appear—a decided acquisition. *see each 1/2 doz.*

The following varieties are all extra fine, as we have discarded all old, poor sorts, and offer these at very low prices.

### The Gem Collection for 50c. of Eight Named Gladioli.

We want to induce all our customers to plant Gladioli, and taking advantage of an immense stock, we offer this splendid collection at about one-third the regular retail prices. They are all distinct, handsome and *positively true to name.* On receipt of 50 cents we will send, post-paid, all of the eight varieties here named.

<b>Bronchoyensis</b> , bright vermilion-scarlet, showy.....	10
<b>Carson</b> , pure white, spotted purplish-rose.....	10
<b>Gauguin</b> , dark blue, flowers large and wide, rose, with carmine-rose.....	10
<b>John Bull</b> , white, slightly tinged with sulphur.....	15
<b>Mrs. Monro</b> , delicate rose, with white stripe in centre of each petal, carmine blotch on salmon ground.....	15
<b>Prince of Wales</b> , white, flamed with carmine-rose; deep carmine blotch.....	15
<b>Thomas Buchanan</b> , new, the finest yellow, for massing.....	15
<b>Galathia</b> , bluish-white, with carmine blotch.....	15

### THIS CHOICE COLLECTION FOR \$1.00

<b>Apslon</b> , rosy lilac, rose blotch, striped white.....	15	<b>James Carter</b> , light orange-red; large pure white blotch.....	20
<b>Arelino</b> , fine satine rose, with bright carmine.....	15	<b>Lord Byron</b> , brilliant scarlet, blotched and flaked with pure white.....	20
<b>Angelo</b> , white, very showy and effective.....	15	<b>Nelly</b> , white, flamed with carmine-rose; large blotch of dark carmine.....	20
<b>Antelope</b> , scarlet cherry, tinged with orange, flamed carmine; pure white blotch.....	15		
<b>Ida</b> , white ground, slightly tinged with rose, flamed with crimson, lower petals light yellow.....	20		

### OUR \$2.00 COLLECTION

<b>Chameleon</b> , compact truss, flowers flamed orange, white base down middle of each petal; large creamy white blotch.....	50
<b>La Candeur</b> , white, lightly striped with carmine-violet; nearly pure white.....	50
<b>Lemmore</b> , large flowers of cherry color; slightly tinted with white; center well lighted, very large.....	50
<b>Laurie</b> , light orange red, tinged and flamed with carmine; white blotch.....	25
<b>Martha Washington</b> , light yellow, large size, well arranged spike, lower petals tinged with rose.....	25
<b>Phidias</b> , brilliant purple, tinted with violet; large pure white blotch, feathered with carmine-cherry.....	25
<b>Robert Fortasse</b> , orange-lake, shading off to purple-crimson, veined white.....	20
<b>Red Leopold</b> , black-rose, slightly suffused with orange and shaded (see) contrasted; white blotch.....	25
<b>Van Dyck</b> , crimson amaranth, striped with white.....	25
<b>Zenobia</b> , rose, slightly tinted with violet, flamed with dark carmine; large white blotch, feathered with carmine.....	20

### OUR SELECT COLLECTION FOR \$3.50—VERY CHOICE

<b>Arabi Pasha</b> , scarlet flower, of a bright shade, with a large ivory-white blotch, golden at the edges.....	85
<b>Baroness Burdett-Coutts</b> , delicate lilac, tinged with rose, flamed with purple; spike very long; flowers unusually large.....	85
<b>General Phil. Sherman</b> , long spike of fine red flowers of large size; distinct white line running through each petal; a large white blotch on lower division; remarkable and showy variety.....	55
<b>Mount St. Helens</b> , long spike, flowers of most brilliant velvety-scarlet, streaked with deeper scarlet at the edges; white band in centre of the upper petals.....	1.00
<b>President Lincoln</b> , an exceedingly showy variety; strong long spike; flowers large, with bluish-white ground; the edges of the petals suffused with bright rose; lower division heavily blotched and finely lined with crimson.....	75
<b>Tortuga</b> , lovely and very distinct flower; pure white, suffused with rose and striped carmine at the edges; lower petals pale rose, largely blotched and striped with light violet.....	80



### CHOICE MIXED GLADIOLI

	Each per doz.	per 25	per 100
<b>Light Colors and White Mixed</b> .....	10c.	\$1.00	\$6.00
<b>Shades of Red Mixed</b> .....	5c.	00 1 10	4 00
<b>Extra Choice Mixed Colors</b> .....	5c.	00 1 10	4 00

### LEMOINE'S NEW HARDY HYBRID GLADIOLI

Mixed Colors. Of all Gladioli, these are among the most curious and beautiful. The odd and fascinating markings of the flowers, and their beautiful shape resembles the fascinating beauty of that rarest of all flowers, the Orchid. Yellow, crimson, white, brown, green, pink, etc., are all blended together, producing an effect seen in no other flower. Seed which will bloom the second year, 30c. per pkt.; large bulbs, 20c. each; 8 for 50c.; 12 for \$1.75.

### IRIS (Flowering Flag—Fleur-de-Lis)

Very beautiful flowering bulbs, which are deserving of more extended cultivation; their rich and varied colors of blue, violet, purple, lilac, white and yellow, render them all active. They are of the easiest culture, growing freely in any soil. The bulbs should be planted early, as they do not keep well out of ground.

	Each	Per doz.
<b>English</b> (Anglic), splendid mixed varieties.....	5c.	50 40
<b>English, Mount St. Helens</b> , pure white.....	10c.	1 00
<b>Spanish</b> , in 25 choice named sorts of great beauty.....	5c.	0 40
<b>Germanicus</b> , fine variety, large flowers.....	10c.	1 00

### HARDY GLADIOLI

The following beautiful Gladioli are hardy, and can be left in the ground over winter, or stored in the cellar, same as ordinary varieties, as may be desired.

<b>Dracopetalus</b> , bronzy yellowish-green; an odd and curious color.....	25
<b>Saundersiana</b> , a grand variety, bearing beautiful light scarlet blossoms, the throat of which is thickly spotted with white; unlike any other sort.....	50
<b>Nyctanthes</b> , crimson-purple; Orchid-shaped flowers; early.....	10c. per doz. 1.00
<b>Above Three Varieties, Mixed</b> .....	2.00

### TRITOMA UVARIA (Red-Hot Poker)

A very showy summer-flowering plant, blooming freely in any good garden soil. Plant early in spring and lift roots in the fall, or protect carefully during the winter. Each, 30c.; per doz., \$3.00.

	Each	Per doz.
<b>Parson</b> , sweet-scented, splendid.....	5c.	0 40
<b>Kammpfer</b> , (Japanese). An excellent variety, flowers very large, varying in color from pure white to deep blue, beautifully veined and mottled.....	30c.	3 00

Lengths snow-white, fr trumpet-shape 5 feet; and in and July. Price Wallace with beautiful black; very d grown. Price Exquisite beauty of color variety has been known. It descends from light buff color. Superior our native Lilac early in July; feet in height. Double T plant of state high; foliage immense round flowers, spotted

Ma CANDIDU of the oldest is also one of account of its per doz., \$1.00

# Collection

of all flowering bulbs; in display, and none are more in the open ground, from June in July to October, and in October the bulbs are over winter. They produce a gorgeous array of choice sorts for sale.

## WHITE "

White set grown. Flowers are paper white, lasting and petals gracefully purple extends half way cut and placed in water. Price, per doz., \$5.00.

## Co. of Eight

ant Gladioli, and taking splendid collection at all distinct, hands of 50 cents we will send,	
showy.....	10
.....	10
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.....	15
.....	15

ed; large pure white	20
blotched and flaked	20
me-rose; large blotch	20

creamy white blotch.	50
lighted, very large.	25
rose	25
cherry	25
each	25
ered with carmine...	25

## CHOICE

edges.....	65
very long; flowers	65
running through each	55
at the edges; white	40
bluish-white ground;	75
lined with crimson.	75
at the edges; lower	60

left in the ground over be desired.	each 25
blooms, the throat	each 50
each 10c.	per doz. 1.00
	2.00

any good garden soil. Sully during the winter.

ed yellow, tender them	
Each Per doz.	
.....	5c. 0.60
.....	20c. 2.00

# OUR SELECTED COLLECTION OF LILIES



THE TRUE

## Bermuda Easter Lily

(LILIIUM HARRISII)

Pure Pearly white, deliciously fragrant, and a remarkable profusion of bloom, characterize this charming and celebrated Easter Lily. It is one of the grandest acquisitions made in many years. Its popularity and sales have increased wonderfully and deservedly, for without exception, it is one of the most valuable bulbs for winter flowering in the house. A profusion of bloom may be had from Christmas until spring (if a number are planted and brought in at different times.) Bulbs after flowering can be ripened and rested a couple of months by withholding water, and will then produce another crop of flowers frequently equal to the first. It is a magnificent variety for Church decoration at Easter, and tens of thousands are grown for this purpose alone. The flowers are pure white, 4 to 5 inches long (and frequently more), and of the most delicate fragrance.

PRICE OF THE TRUE BERMUDA EASTER LILY BULBS.—Extra Large Bulbs 7 to 9 inches in circumference (produce 10 to 20 flowers), 25 cents each; 5 for \$1.00.

## LILIES

(OTHER VARIETIES.)

**Langiflorum.**—The well-known beautiful snow-white, fragrant, hardy Garden Lily, flowers trumpet-shaped, 6 to 8 inches long. Height, 1 1/2 to 5 feet; and in the open ground, blooms in June and July. Price each 25c.; per doz., \$1.50.

**Wallacei.**—A magnificent Japanese variety, with beautiful clear buff flowers, spotted with black; very distinct, and one of the finest Lilies grown. Price, each, 60c.

**Excelsium (Isabellinum).**—The stately form, beauty of color, and delightful fragrance of this variety has made it a great favorite wherever known. It grows from 5 to 6 feet high, and produces from 6 to 12 nodding Lilies of a delicate light buff color. Price, each 60c.

**Superbum.**—Hesitful and rich as many of our native Lilies are, this far excels them all, bearing a pyramid of yellowish-red flowers; blooms early in July; in good soil it frequently reaches 3 feet in height. Price 50c. each; 5 for 50.

**Double Tiger Lily (Tigrinum Fl. Pl.)**—A plant of stately habit, growing from 4 to 6 feet high; foliage dark green, very long, bearing an immense number of double, bright orange-red flowers, spotted with black. Price, 15c.; 4 for 50c.



LILIIUM AURATUM.

## LILIIUM AURATUM

(Van Yara, or Hill Lily of the Japanese.)

## THE Madonna Lily.

**CANDIDUM (White Garden Lily)**—One of the oldest and best for out-door decoration. It is also one of the best forcing Lilies for florists on account of its snow white fragrant blossoms. Price per doz., \$1.00; each, 10c.

**The Golden-Banded Queen of Lilies.** Ivory-white ground, richly streaked with purple spots. The centre of each petal has a broad band of yellow, extending from tip to base. We offer, this season, a large stock of this peerless variety, which, beyond question, is the grandest of all the Lily family. Fully expanded, the flowers measure nearly a foot across, are produced abundantly, and possess a most delicious fragrance. Price, 25c. each; 5 for \$1.00.

## Coral Lily of Siberia

**Tenouffolium.**—This superb Lily is entirely distinct from all others. The perfect symmetry of the entire plant, foliage and flower is wonderful. Its spike of scarlet flame-like flowers, is held erect like a flambeau at night. The texture of the flower is like a piece of coral of the most brilliant red we ever saw. Set off with most telling contrast with its graceful fern-like foliage of emerald-green. The foliage is slender and graceful. It is a native of Siberia, and very hardy. Blooms very early in May or June, and has frequently 27 blooms. Plant in loose soil, with good drainage, with top of bulb 3 inches below the surface. Price, each, 50c.; 4 for \$1.00.



## Nymphaea Odorata, (WATER LILY)

**Nymphaea** is the well known double white Water or Pond Lily. The cultivation is attended with little difficulty. The roots should be obtained in the early spring, and placed in a tub from 18 inches to 2 feet in depth, put in 6 inches of rich loam, barely covering the tubers, and fill the tank with water, replenishing it as it loses by evaporation. When well grown they measure 5 inches across; the foliage 18 inches. Price, 25c. each.

We have always found your seeds to give the best satisfaction.—Shelton Knight, Sardis, B. C.  
Your vegetable seeds were equal to the best obtained anywhere and gave great satisfaction.—Dr. Gardiner, Lusknow.  
The seeds we got were immense and could not be equalled.—A. J. Street, Chilliwack, B. C.



MONTBRETIA

## MONTBRETIAS

**Pottal**, resembling somewhat a miniature *Gladiolus*. It throws up several flower spikes some 10 inches long, and numerous small side spikes, making it exceedingly floriferous. Flowers of a bright orange-red, of most perfect form and grace. One of the finest summer flowering bulbs. Each, 10c.; 3 for 25c.; per doz., \$1.00.

**Crocus-like**. Very large flowers, of fine shape; base of the flower is bright orange, sprinkled with purple spots, arranged like a *Tigrida*. Each, 10c.; 3 for 25c.

## Bignonia Radicans

(Trumpet Creeper.)

A splendid climbing plant, suitable for covering dead trees, fences, etc., with large clusters of trumpet-shaped orange red flowers, blooms in August, about 3 inches long, handsome in bud, as well as in flower. The foliage is also very beautiful, a collection of small leaflets arranged upon a single stem, beautiful for vase and flower work. This plant is not only an admirable climber, but on the lawn makes a pretty tree-formed bush, if tops are cut back, having the appearance of a weeping shrub. Each, 40c.



## Honeysuckle

No plant has a more familiar sound than the name Honeysuckle, it is one of the oldest and most popular upon the list of climbers.

**Halleana (Hall's)**, nearly evergreen; flowers pure white, changing to yellow, covered with flowers. June to November, with fragrance like a *Jessamine*. Large roots 50c.

**Sweet-Scented**, a fine, hardy grower; flowers large and exceedingly sweet; color, buff, yellow and red; a constant bloomer; one of the finest. Large roots, 50c.

**Red Coral**, a hardy rapid grower, suitable for rock work, etc.; bright red, trumpet-shaped flower. Large roots 50c.



TUBEROSE.

## TUBEROSE

The flowers of this well known and popular plant are waxy white, double, and so fragrant as to perfume the whole atmosphere for some distance around. They are useful for forming button-hole bouquets, in large bouquets, or as single specimens. To grow *Tuberose* fill five-inch pots half full of cow manure, and the remainder with good rich earth, mixed with sand. Plant the bulbs in this in April, water moderately, hasten growth by putting in a warm, light place. When weather becomes warm, plunge pots in earth out of doors. They usually flower before cold weather in Autumn; if they do not they can be brought in, and will bloom in the house. The bulbs cannot be safely sent by mail before April 1st; each 10c., per doz., 75c., per 100 \$4.00.

## Spotted Leaf Calla

(*Richardia Alba Maculata*.)

Plant always ornamental, even when out in flower. Dark green leaves being spotted with white; in other respects the plant is the same as the white *Calla*, except being of smaller habit. In addition to its usefulness as a pot plant it makes a fine thing for planting in the garden in the summer. (See cut.) Dry bulbs, each, 25c.

Your seeds are a success in every respect.  
D. Watson, Dundas, Ont.

## Summer Flowering

## OXALIS

Nothing is so valuable for edging the borders of walks or flower-beds as *Oxalis*. Bulbs, when planted three inches apart, produce an unbroken row of elegant foliage and pretty flowers; planted the first of May, will be in bloom by the first of June. In Autumn they should be lifted and stored in the cellar like *Gladiolus*. No flower is easier grown than this; they succeed in all soils; charming when grown in pots, and make a very attractive mass of fine foliage and gay flowers. We know of no bulb which will give so much satisfaction as this. Lift in autumn. Red, yellow and white mixed; each 5c., doz. 50c.



OXALIS.



GRIN



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Charming plant  
beauty of flowers  
difficult to grow  
one; the color  
really magnificent  
satisfaction. A

CYCL

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each, per doz.

each, per doz.



CYC

# CHINESE SACRED NARCISSUS

ORIENTAL LILY OR JOSS FLOWER



CHINESE SACRED NARCISSUS

THE prettiest of all the Bunch Flowering Narcissus, and is the sort grown by Chinamen for their New Year festivals. It is easily handled, bears pure white flowers, with a lemon or orange cup, and can be brought into bloom when grown in water. For a window ornament they are unexcelled.

**Culture.** This exquisite flower succeeds best in a vase or dish, about 3 inches deep, which should have in it 1 1/2 inches of sand, covered with one inch of gravel. Place the bulbs on this and fill the dish with water. If kept shaded till growth begins, excellent results will be obtained.

Price, each, 25c., 5 for \$1.



MEXICAN SHELL FLOWER  
(Tigridis grandiflora)

## TIGRIDIAS,

Peacock Tiger Flower,  
OR  
Mexican Shell Flower.

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted; they flower very freely throughout the summer, particularly if the bulbs are planted in a warm sunny position.

**Mexican Shell Flower, Tigridia Conchiflora.** Dark yellow, large fed spots, 5c. each; per dozen 50c.

**Peacock Tiger Flower, Tigridia Grandiflora.** Very large bright crimson centre, mottled with yellow, 8c. each; per doz. 75c.

**The White Tiger Flower, Tigridia Grandiflora Alba.** Flowers large ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. (See *Cat.*) 10c. each; per doz. \$1.00.



PERUVIAN WHITE SEA DAFFODIL or Spider Lily.

**White Sea Daffodil.** A Peruvian Bulb of easiest culture, which freely produces clusters of large white flowers of delightful fragrance. They may be grown in pots, in good, rich soil, and will bloom well in the house or conservatory. Plant out in summer in May, must be taken up in the fall, potted, and a little or no water given until the next season, when the bulb will have increased in size and will bloom more abundantly. The crown of the bulb should be set just below the soil. Price 40c. each, or 3 for \$1.

## THE GIANT CAPE NYACINTH

*Galtonia or Hyacinthus Candicans.*

This plant somewhat resembles the Yucca, although not so large. It throws up a flower-stem about 4 feet high, on which it bears from 20 to 30 pure white, bell-shaped flowers. They are very gracefully hung, forming an almost perfect pyramid. They are quite hardy, but it is well to give them a slight covering for winter. Strong bulbs, each 20c., 3 for 50c.

## MADEIRA OR MIGNONETTE VINE.

A rapid, luxuriant summer climber, with thick waxy foliage, and fragrant flowers. Price 6c. each; 50c. per doz.

Have always had good satisfaction with your seeds.  
Thos. Colwell, Dorchester, N. B.

We like your seeds better than any we have tried.  
Geo. Worsley, Kéegsey, Ont.



GIANT CAPE NYACINTH.  
(Galtonia Candicans.)

## GLOXINIAS

Charming plants, being almost unsurpassed for beauty of flower and richness in coloring, and not difficult to grow. Our strain is an exceeding fine one; the colors being very varied, they are really magnificent and cannot fail to give great satisfaction. Assorted colors, each 40c.; 3 for \$1.

## CYCLOTHRA FLAVA.

A lovely little bulb from Mexico, producing three petaled, cup shaped blossoms, yellow spotted with brown, and drooping. It is closely allied to the Calochortus, but unlike that beautiful flower, it does not succeed well for winter blooming, and should be treated like a summer flowering bulb, planted out in the spring and taken up in the fall, and kept dry over winter. Its foliage is narrow and grass like. While it is a pretty little flower, it is not so showy as some other bulbs, but lovely for cutting. Price 10c. each, per doz. \$1.00.



CYCLOTHRA FLAVA.

... up several flower  
... exceedingly florifer-  
... of the finest am-

... of the flower is  
... each, 10c.; 3 for 25c.

... es, etc., with large  
... 3 inches long, hand-



## ROSE

... well known and popular  
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... bouquets, or as single  
... roses fill five-inch pots  
... and the remainder with  
... with sand. Plant the  
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... rm, light place. When  
... lunge pots in earth out  
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... before April 1st; each  
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## Leaf

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CLEMATIS

## CLEMATIS

Clematis has attained greater popularity in a short time than any other plant. Within a few years it has become the favorite climber of the world. It makes rapid growth, and produces its beautiful showy flowers to the greatest profusion until autumn. For pillars of verandas, trellises or bedding in masses the Clematis cannot be excelled. *C. Jackmanii* is particularly desirable for the purpose.

*Clematis Jackmanii*, the most showy of all hardy climbers; old plants being liberally covered with flowers of intense violet blue, and from four to six inches in diameter. See illustration.

*Lanuginosa grandis*, flowers large, almost pure white, often from four to six inches in diameter; one of the best.

*Gepp*, a new and valuable perpetual blooming variety.

*Earl of Beaconsfield*, very rich violet, a splendid variety.

*Henry's*, fine, large pure white vary flowers, one of the best; strong grower.

*Standish*, flowers dark purplish, blossoms early in the season, very profuse.

*Stitch*, light purple, red bar.

*Double White*, exceedingly fine.

*John Gould Veitch*, flowers large and double; bright lavender blue. Mailing plants, each 75c.; large plants by express, \$1.00.

## BOSTON IVY OR Ampelopsis Veitchi

This grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which as first are of an olive green brown color, changing to bright scarlet in the autumn. As the plant acquires age, the leaves increase in size. This variety becomes more popular every season, and in without question one of the very best climbing plants for covering brick or stone walls that can be grown. Each 25c.; per doz. \$3.50.

## AMPELOPSIS QUINQUEFOLIA

(The Old Virginia Creeper)

A strong rapid grower. Large dark green foliage, changing in autumn to bronze and bright crimson. Hardy in the north-west. Large plants, each, 25c.



AMPELOPSIS VEITCHI



APIOS TUBEROSA

## APIOS TUBEROSA

(Tuberous-Rooted Wistaria)

One of the grandest and most beautiful climbing vines in cultivation. It grows very quickly, and attains a great height, making, with its dense foliage and beautiful flowers, a most attractive screen. In vine and foliage it resembles the common Wistaria. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a strong, delicious violet fragrance. Plant the bulbs near a trellis, fence, tree, or wherever a rapid growing climber is desired. The bulbs are perfectly hardy and need not be taken up over winter. A vine so sure to grow and give satisfaction, should be in every garden. Each, 15c.; three for 35c.; six for 50c.; thirteen for \$1.00.



## COBEA SCANDENS

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. Small plants by mail, each 25c.; large plants, 50c.

## Moon Flower

A very rapid growing vine, which will easily cover a surface of 25x30 feet during the season. At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers, 3 to 4 inches in diameter. One of the most showy of the annual climbers, very rampant grower. Each, 25c.; per doz. \$3.50.



MOON FLOWER

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flowers large, almost  
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eternal blooming variety  
 very rich violet, a splen-

white waxy flowers, one  
 upright, blossoms early in

ly fine.  
 flowers large and double;  
 trailing plants, each 75c.  
 .00.



**SCANDENS**

climber of rapid growth,  
 purple bell-shaped flowers  
 sent by mail, each 50c.

**Flower**

and growing vine, which  
 cover a surface of 2500  
 season. At night and  
 as the plants are covered  
 abundance of large, pure  
 flowers, 3 to 4 inches  
 One of the most showy  
 climbing, very rampant  
 85c. 1 pot doz. \$3.50.



**SPRING CATALOGUE OF SEEDS, BULBS AND PLANTS FOR 1901**

**HARDY HERBACEOUS PHLOXES**

One of the finest of all out-door flowering plants. Young plants bloom profusely the first season, and they remain from year to year without protection, and always increasing in beauty. Divide and replant in sunny situation and rich soil. Each, 10c, 1 per doz. \$1.00.

**EARLY FLOWERING**

- Souquet*, white, a fine strain.
- Charles Downie*, dark lilac-rose, fine large flower.
- Miss Martin*, white shaded, rosy-mauve.
- Nettie Stewart*, white centre, slightly shaded, tremendous truss and flower.
- Rose of Cassin*, faint rose eye, extra fine form.
- Saxenpartel*, snow white, light rose eye.

**LATE FLOWERING**

- Augusta, Riviere*, bright salmon, red, large flowers.
- Letitia*, rich salmon, crimson eye, a large fine formed flower.
- Marshall, Valliant*, red slate, colored stripe.
- Monrovia*, fine, pure white, light rose eye, good truss.
- T. & W. Ware*, lilac striped, a very distinct variety.
- Thos. Swanton*, rich bright crimson, of fine substance.



**PERENNIAL PHLOX**



**OUR SUPERB PÆONIES**  
(HERBACEOUS)

**OUR SUPERB PÆONIES**

Magnificent hardy plants, almost rivaling the Rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well-established. The varieties offered embrace the best contrasting colors. Each, 25c.; per 10, \$2.00.



**CINNAMON VINE**



**MUSA ENSETÉ**

**MUSA ENSETÉ**  
(Abyssinian Banana)

The noblest of all plants is the great Abyssinian Banana. The leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib, 12 feet high. During the hot summer it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn; requires a very rich bed; store in cellar during winter, with a covering of soil. Plants, 8 in. 50c.; seed, per pkt., 25c.

**HOLLYHOOK**



We have a very large and choice collection of one-year old plants that will bloom this year. No garden can afford to be without a few of them. Each, 30c.; per doz., \$2.00.

**LILY OF THE VALLEY**

No flower so easily wins our love and keeps it forever, as the Lily of the Valley—the sweetest, most delicate flower, being perfectly hardy, and each succeeding year rewards the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each, 40c.

**THE CINNAMON VINE**

This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of the cinnamon, and is very appropriately called the "Cinnamon Vine." Perfectly hardy, the stem dying down every autumn, but growing so rapidly in the spring as to completely cover any trellis or arbor very early in the season. It is as easily cultivated as the Mandarin Vine, has no insect enemies, and is not affected by drought. "It will make from ten to twenty feet of vine, and with its beautiful heart-shaped leaves, bright green pinnate foliage, and clusters of delicate white flowers, sending forth a delicious cinnamon odor, render it by far one of the most desirable climbers in cultivation. Bulbs, 6 for 50c., or 50c. per doz., post-paid.



**THREE CHOICE FUCHSIAS**

MRS. E. G. HILL FUCHSIA

**T**HIS magnificent variety was raised and introduced by Mons. Victor Lemoine, of France, and is undeniably the most perfect and double white Fuchsia ever raised. The short tube and sepals are a bright, rich reddish crimson color; corolla extra large, full and double; flower of the largest size. In all, save color, it is like Phenomenal. It is of the most robust, spright growth, not coarse, but compact and very symmetrical. It has every qualification to recommend it—size, freedom of bloom, and good constitution. Each, 25c. (See cut.)



MRS. E. G. HILL

**PHENOMENAL FUCHSIA**

The new Giant Fuchsia. This is a new sort of great merit. The plant is a tall, strong grower, branching like a tree. Its flowers are of enormous sizes, as large as teacups, and very double; sepals scarlet, corolla rich violet purple. Each, 25c. (See cut.)

**STORM KING FUCHSIA**

This grand plant is of the most beautiful weeping habit; the branches drooping as they do, lend the plant a charming grace, which is rarely found; branches numerous, leaves small and numerous, and of the most beautiful glowing green. The buds for two weeks before they expand are balls of bright scarlet, and are one of the principal beauties of the plant, as they hang suspended among the dense green foliage. The flowers continue to grow larger and larger for several days after they expand and reach an enormous size. The sepals are of the same glowing scarlet as the bud, while the large double corolla is of delicate waxy whiteness, elegantly pencilled with deep bright crimson. No finer contrast of color can be imagined. Each, 25c.

**PHENOMENAL**



**ARUNDO GRASS**

(Doan's Variegata)

A beautiful bamboo reed. The tallest of all the variegated grasses. Foliage beautifully striped with white; leaves broad; half-hardy. Each, 25c.



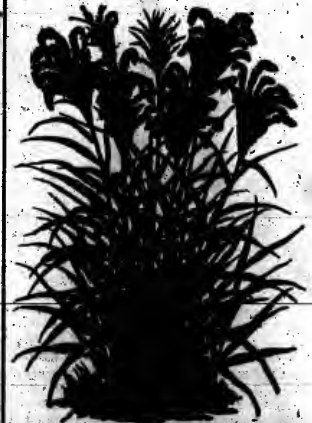
**HELIANTHUS MULTIFLORUS PLENUS**

This is truly a golden gem. A plant that should be in every garden, and one that will give entire satisfaction. The flowers are from three to four inches in diameter, as double as any double Dahlia, and cover the plant from the ground to the top. Color, a bright golden yellow. It is unsurpassed as a cut flower, at a season when most other flowers wilt and fade in a few hours, lasting fully a week or more. It is one of the most desirable plants. It should have a sunny position and rich soil; it is hardy, but there is many places where it requires protection. Each, 25c.

**EULALIA JAPONICA GRASS**

ZEBRINA

This variety resembles Japonica in hardness, growth and bloom. The long blades are marked with broad yellow bands across the leaf, instead of longitudinally. The markings are unlike any other grass. It makes a very attractive specimen plant in the lawn, and will not fail to attract attention. Each, 35c.; per doz., \$3.00.



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**PLEASE NO**



MENAL,

**NICA GRASS**

*Niphetos* in hard-wood. The long blades yellow bands across longitudinally. The other grass. It is a specimen plant in a pot to attract attention. Each, \$3.00.



# ROSES

No flower is so universally popular as the Rose—the Queen of flowers—they are everywhere wanted, and nowhere out of place, are always admired, and are the most valuable of all flowers for bouquets and other floral work. The "Ever Bloomers" are always in bloom, and from a small bed an abundance of beautiful buds can be cut daily. As pot plants for winter bloom

they are everywhere cultivated. The secret of having good roses is in having vigorous and healthy plants. If the health and vigor of a plant is allowed to suffer from the time they are propagated until large enough to be sent out, it will never fully recover, but will always be a weak grower and a poor bloomer. Knowing the importance of this, we use every possible care to produce plants of great strength and vigor, and it is for this reason the plants we send out produce such an unusually large amount of the largest and finest flowers.

Those who plant our roses are sure to be delighted with them. Their great superiority over most other roses usually sent out can be seen from the start. Our complete system of mailing roses and other plants, insures their carrying to the remotest part of the Dominion in perfect order. All roses will be sent by mail (post-paid), on receipt of prices quoted. They are all grown upon their own roots; strong healthy young plants. Orders should reach us not later than the first of April, about which time they will be sent out. Kindly order early.

## EVERBLOOMING TEAS

Tea Roses are celebrated the world over for their delicious fragrance and the exquisite form and rich charming tints of the flowers. Our list comprises some of the finest varieties in the world.

- Ben Sileas**, color, deep rose, noted for the size and beauty of its buds. Each, 20c.
- Bouquet**, a superb rose, very large, double and full, delightfully sweet, tea-scented, color bronze rose or violet crimson, delicately shaded with lilac. Each, 15c.
- Catherine Mermet**, the color is pure silvery rose, illuminated at the base of petals with yellow. Each 20c.

**Niphetos**, a snow white rose of immense size, the bud when full grown running from two to three inches in length. When half grown or fully open, it is possibly startling by its size and its purity. Each, 20c.

**Papa Gontier**, a magnificent red Tea; flowers large and semi-double, a vivid rose color, shaded yellow, reverse of petals crimson, free-growing and flowering profusely. Each, 20c.

**Paste des Jardines**, the one Tea-Rose which you cannot possibly afford to do without. The color is faultless, whether the waxy petals show the rich cream tint of cool weather, or take on the rich golden shades which a warm sun gives them. Each, 20c.

**Dr. Pantaux**, a very lovely Herminé pink, unshaded, of immense size, very double, with recurved petals, of texture of the Camellia, beautiful when open; strong grower and constantly in bloom. Each, 25c.

**La France**, the queen of all the roses. It is of extra size, extra double and of superb form. No rose can surpass it in delicate coloring—silvery rose shades, with pink; it has a satin sheen over all its petals. It is universally regarded as the most beautiful and useful of all roses. Each, 15c.

**Madame Hoste**, one of the finest; strong bush grower; flower of ivory white, of even tint, except in summer, when it changes to canary; fine globular pointed shaped bud. "The" rose of the year. Each, 35c.

**Madame de Waverille**, color a beautiful creamy yellow, tinged with large shell-like petals having a bright crimson-yellow border. There is no other rose like it in color. This is the Tulp Rose of Europe, so called from the feathery shading of the petals. 35c.

**Pierre Guillot**, Bright, dazzling crimson, passing to brilliant carmine; petals beautifully veined with pure white; flowers large, very double and full, a free bloomer, and very sweet. One of the best for the market florist. Each, 35c.

**Miss Ethel Brownlow**, a pure Tea Rose robust, with rich foliage, a free flowerer and perfect form. Color, salmon pink, shaded yellow at base. Each, 30c.

**Messiah Nial**, a beautiful deep sulphur yellow; very full, large and exceedingly fragrant. It is the finest yellow rose in existence. It has a climbing habit, and where it is allowed to grow until it attains a large size, as it will in a few years, it will yield thousands of beautiful flowers. Each, 20c.

**Madame Pierre Guillot**, moderately vigorous in growth. Flowers large, nice shape. Color orange yellow, bordered and lined with rosy carmine, reverse of the petals yellowish white. A magnificent variety. Each 35c.

**Meteor**, (Hybrid Tea). A velvety red ever-bloomer of the deepest glowing crimson, as fine as a Hybrid; flower of medium size, very double, and petals slightly recurving; a beautiful open rose, a free bloomer, and promising well as a pot rose. Each, 35c.

**Souvenir d'un Ami**, fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant. Can always be relied upon as amongst the best. Each, 20c.

**White Paste**, (new). We think every lover of White Tea Roses will be delighted with this, a sport from *Paste des Jardines*; fine foliage. Each, 35c.

**Sunset**, is a "sport" from that grand variety, *Paste des Jardines*, which it strongly resembles, except in color. The flowers are large, fine, full, very double and deliciously fragrant. The color is a remarkable shade of rich, golden amber, elegantly tinged and shaded with dark, ruddy copper, intensely beautiful and resembling in color a splendid "afterglow." One of the finest roses of recent introduction. Each 25c.

**The Bride**, the best pure ivory white Tea Rose. The bloom is not finer than *Niphetos*, for that is impossible, but is a stronger grower. The buds are of grand size. A fine bunch of its buds, cut with its long sprays of foliage, would grace any bride in her wedding robes. In very hot weather its outer petals take on a pale flush; except in unusually hot, dry summers, it is unsurpassed for purity of whiteness, form and size. Each, 20c.

**W. F. Bennett**, undoubtedly the best red forcing rose in existence, though closely followed by *Papa Gontier*. A cluster of good buds from it is not soon forgotten. It is, however, not a satisfactory bedding variety, turning into a variety of dull colors, with the sun, and opening out imperfectly. Each, 20c.

**Ye Primrose Dame**, an astonishing rose, free bloomer; small plants covered with buds, slender drooping habit, delicate foliage, color perfect, outer petals delicate cream, glowing carmine centre; a great favorite. Each, 25c.

PLEASE NOTE—These are mailing plants out of 2 1/2 inch pots. Large plants can be supplied, if desired, but at higher prices. Prices on application.



## HARDY CLIMBING ROSES

Climbing Roses are highly valuable for training over arbors, trellises, verandas also as screens for unsightly objects, such as old buildings, fences, walls, etc. They grow 10 to 12 feet high, and are perfectly hardy. Their rapid growth, luxuriant foliage and immense clusters of bright cheerful flowers commend them to every one, and are among the most beautiful of flowering plants. The varieties described below are the best, and succeed well in all sections of the country.

**Rose, Baltimore Belle**, pale blush, variegated-carmine, rose and white; very double flowers in beautiful clusters, the whole plant appearing a perfect mass of bloom; one of the very best of all the type.

**Gems of the Prairie**, bright violet crimson; large, very double and fragrant. The flowers are borne on trusses, numbering from 10 to 20 buds each.

**Greville**, or **Seven States**, flowers in large clusters; varies in color, from white to crimson. **Prairie Queen**, flowers very large and of peculiar form, bright rosy red, changing to lighter as the flower opens.

**Tennessee Belle**, clear rose color, in large clusters; a fine climbing variety.

Price, each, 30c.; per doz. .... \$3.00  
One each of the above collection of five for..... 1.25

## MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering, which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy. Being difficult and slow of propagation, the price is higher than for most other roses. Price, each, 30c.; per doz. \$3.00.

- Glory of Mosess**, color, deep rosy carmine, shaded purple crimson; very mossy and fragrant, a most profuse bloomer.
- Perpetual White**, one of the finest of the family; flowers in clusters, buds heavily mossed; fragrant; strong growing; free blooming; very desirable for cemetery planting.
- Mme. Moreau**, buds finely mossed and very beautiful; color, rich carmine, with crimson centre; petals edged with white; fragrant.
- Salet (perpetual)**, a strong grower; one of the best and most widely known; flower, bright rose, lighter edges, large and double.
- Princess Adelaide**, a vigorous grower; pale rose of medium size and good form; good in bud and flower; one of the best.

## HARDY PERPETUAL ROSES

Hybrid Perpetual Roses are hardy and vigorous. The flowers are very large, of delightful fragrance, and the colors are richer than the Monthly or Everblooming sorts. They are not constant bloomers, but live from year to year, and flower profusely in June, with occasional flowers during the summer and fall.

- American Beauty**, an excellent rose for forcing or open air. The flowers are very double, of a deep crimson color, and very fragrant. Its blooming qualities are remarkable, as it is scarcely ever out of flower, and is a true type of what a Hybrid Perpetual Rose should be. The most valuable of late introductions. Each, 35c.
- Antoine Meunier**, extra large and full; very sweet; a strong, vigorous grower and free bloomer; color, bright, clear pink; very beautiful. Each, 30c.
- Anna de Diebzech**, bright fine rose color, very large and showy. Particularly fine in bud. Each, 30c.
- Rifled Golumb**, bright carmine-crimson; very large and full, and of fine globular form. One of the finest roses grown. Each, 30c.
- Berthe Prevost**, pure rose color, free bloomer; flowers large, flat, full; very fragrant, and of excellent habit; very hardy. Each, 30c.
- Baron Nathaniel de Rothschild**, color, bright carmine, passing at centre to clear pink, edged with white; exquisitely perfumed. Each, 30c.
- Comtesse de Saxe**, flesh color, large, full, and finely shaped; one of the best of the newer sorts; a good autumn bloomer. Each, 35c.
- Coup de Mèbe**, deep pink, moderately large, cup-shaped flowers; a fine rose. Each, 30c.
- Coquette des Blancs**, one of the finest, freest and most beautiful of the white hybrids. Suitable for cemetery planting. Each, 30c.
- Duke of Edinburgh**, brilliant scarlet crimson, shaded with maroon, large and full; one of the best. Each, 30c.
- Dunmore**, this new rose bloomed profusely last summer, although the season was very unfavorable; certainly a nearer approach to a perpetual bloomer than ever has been introduced to the public; large double, bright scarlet color, very fragrant. Each, 30c.
- General Washington**, rosy carmine, shaded scarlet, very brilliant and glossy; very double and good form. Each, 35c.
- John Hopper**, bright rose, with carmine centre; large and full; one of the best. Each, 30c.

## HYBRID PERPETUAL ROSES (Continued)

- General Jacquemont**, bright crimson, exceedingly rich and velvety. The buds and partially expanded flowers are very fine, and fairly glow with its deep, rich coloring. A vigorous grower and free bloomer. Each, 30c.
- Louise Van Heuthe**, crimson maroon, full globular form, free blooming; very fine. Each, 30c.
- Maria Baumann**, bright carmine, flower very large and fine; one of the finest roses grown. Each, 30c.
- Magna Charta**, pink, suffused with carmine; one of the finest of its color; magnificent buds. Each, 30c.
- Princesse Camille de Rohan**, crimson maroon; good habit; fine in bud. Each, 30c.
- Mabel Morrison**, of the purest white, and almost velvety in its finish. One bloom with its attendant foliage is a bouquet of beauty in itself. Each, 30c.
- Meteor**, color, deep glowing crimson; flower of medium size, very double; a free bloomer, promising well as a pot rose. Each, 35c.
- Nervette de Lyon**, pure white, shaded and washed with satiny rose; flowers very large, 4 to 5 inches in diameter, double, and of a beautiful cup-shape, growth vigorous; a superb variety. Each, 50c.
- Madame Charles Wood**, one of the very best; flowers very large and double, and are produced in great profusion; color, intense deep crimson, shaded scarlet. Each, 30c.
- Madame Gabriel Luizet**, light silvery pink; a grand useful rose for exhibition. Each, 35c.
- Mrs. John Loring**, color, a soft delicate pink, with a satin tinge; the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped and exceedingly fragrant. A vigorous, strong grower, every shoot producing magnificent bloom. Flowers very early and is a remarkably profuse bloomer and very sweet. Splendid in pots or open ground. Each, 30c.
- Queen of Queens (new)**, pink, with bluish edges, large and full, or perfect form, and a true perpetual flowering rose, every shoot being crowned with a flower bud. A new style of flower among Hybrid Perpetual Roses, being a cross between a Hybrid Perpetual and the Maiden's Blush, distinct, and equally good as a garden and exhibition rose, and decidedly the finest rose of its color. Each, 50c.
- Senator Valasek**, bright crimson, lightened with scarlet; extra fine. Each, 30c.
- Souv. de Duchesse**, a superb rose, extra large, compact flowers, very full, double and sweet; color, beautiful brilliant scarlet, deepening to dark glowing crimson. Each, 30c.
- Silver Queen (new)**, color, silvery bluish, shaded in the centre, with very delicate rosy pink, very distinct and lovely; large, full, and produced in great abundance; every shoot being crowned with a flower bud; the growth vigorous, foliage handsome, a grand rose. Each, \$1.00.
- Victor Verdier**, rich cherry rose, shaded carmine, very fine coloring, a popular variety. Each, 30c.
- Walsen**, dark, rich, velvety crimson, changing to bluish purple; large fragrant flowers, very double and fine. Each, 30c.

PLEASE NOTE—These are mailing plants out of 2 1/2 inch pots. Large plants can be supplied, if desired, but at higher prices. Prices on application.

# ROSES

trellises, verandas, fences, walks, etc. Growth, luxuriant in every case, and described below as

white; very double as of bloom; one of

fragrant. The flowers

white to crimson, aging to lighter as

..... \$2.00  
..... 1.25

exists in the delicate unique appearance. Being difficult and 50c; per doz. \$3.00.

(Continued)

exceedingly rich and flowers are very fine. A vigorous grower

ar form, free bloom-

large and fine; one

one of the finest of

; good habit; fine

almost velvety in its age is a bouquet of

medium size, very of rose. Each, 30c.

washed with satiny ter, double, and of a variety. Each, 50c.

; flowers very large tion; color, intense

pink; a grand useful

with a satin tinge; velvety tinge. The singly fragrant. A magnificent bloom. e bloomer and very ch, 30c.

s, large and full, of e, every shoot being lower among Hybrid bred Perpetual and od as a garden and its color. Each, 50c. scarlet; extra fine.

e, compact flowers, ul brilliant scarlet, 50c.

in the centre, with ly; large, full, and ng crowned with a some, a grand rose.

ue, very fine color- to blackish purple; Each, 30c.

at higher prices.



CARNATION.

# Carnations--Perpetual Flowering

The Carnation's home is wherever flowers are loved and seen throughout the civilized world, and it is most justly a universal favorite. Perhaps no garden flowers are more prized than these. Their sweet, spicy fragrance, abundant bloom, beautifully varied colors, commend them to all. If they are wanted for Summer bloom, pinch off first growth so they will branch well from the base. If a position is desired for Winter bloom, keep the leaders stopped until August 1, after which, if allowed to grow, strong, bushy plants will be obtained full of bud and bloom, which can be lifted and potted any time before frost. A few especially fine varieties have been added to the list during the past season. They will be ready to send out about the middle of April.

**Andalusia** (New Golden Carnation). The flower is exquisitely fringed, of a beautiful light canary yellow color, with rich spicy fragrance. Each, 30c.

**Buttercup**, of a deep, rich golden yellow, like Marechal Niel Rose, with only a few clear streaks of carmine; flowers large and double. Price 15c.

**Black Knight**, a deep shade of crimson maroon that appears almost black. Flowers deliciously scented. Price 15c.

**Charles J. Clarke**, purest white; fringed edge, with stripes of purplish crimson. Price 15 cents.

**E. O. Hill**, the finest scarlet yet introduced. Rich and deep. The flowers are 2 inches in diameter, beautifully fringed, the petals perfectly crimped. Price 20c.

**Green Wilder**, one of the most beautiful colors; a soft shade of carmine pink. Dwarf, but robust grower. Very desirable. Price 20c.

**White's White**, flowers very large and of perfect shape; color white, with a delicate tint of pink; rich clove fragrance. A continuous bloomer. Price 20c.

**King of Crimsons**, dark crimson, very fine and fragrant, a gem for winter blooming. Price 15c.

**Mrs. Carnegie**, white ground, crimson scarlet flak; flowers very large, a vigorous grower and constant bloomer. Price 15c.

**Mrs. Cleveland**, a magnificent silvery-pink flower, with edges slightly serrated; flowers very full and well built up in the centre, of spicy fragrance. Price 20c.

**President Garfield**, vermilion red, very fine. Price 15c.

**Pertie**, medium-sized, well-shaped flowers of intensely bright flaming scarlet, freely produced on a vigorous and healthy plant (new). Each, 15c.

**Silver Spray**. This is the best white Carnation ever offered, in a remarkably robust grower, attaining a height of only 14 or 15 inches, forming very bushy plants. A very free bloomer; flowers are large and perfectly formed, calyx never bursting; petals fringed; very fragrant and pure in color (new). Each, 20c.

**Snowdon**, a dwarf-growing variety, rarely attaining over one foot in height, flowers of the purest white and borne in profusion; fine for pot culture. Price 15c.

**Sunrise**, a grand one; color light buff, flaked with bright red; flowers large and of good shape; fragrant and free bloomer. Unsurpassed for pot culture. Price 20c.

**Wm. Swayne**, early, continuous bloomer; flowers very large and fragrant; one of the finest white Carnations offered (new). Price 20c.

The above choice collection of 16 selected varieties for \$2.25. Or six of our own selection for \$1.00.

## HYDRANGEA PANICULATA GRANDIFLORA

We believe this to be the most desirable hardy shrub in cultivation; it is very striking and elegant, recently introduced from Japan, suitable for lawns. The flowers are pure white, afterwards changing to pink, and are borne in immense pyramidal trusses, more than a foot long and nearly as much in diameter. It blooms in midsummer and remains in bloom two or three months. Price 40c.

### SMALL BEDDING PLANTS

(All these by express at purchasers' expense.)

#### ECHEVERIA

These make handsome plants for edging, borders, or for carpet bedding, also do exceedingly well as a pot plant. We offer strong plants at 10c. each; \$1.00 per doz.

#### PANSIES

During spring we offer plants of our selected European and American strains for shipment by express only. They will not carry well by mail. Per doz., 75c.; per 100, \$3.00.

#### PHLOX (Annual)

Choice assorted plants, per dozen, 25 cents.

#### VERBENAS

Strong grown plants, from our unrivalled strain. Per doz., \$1.

#### PETUNIAS

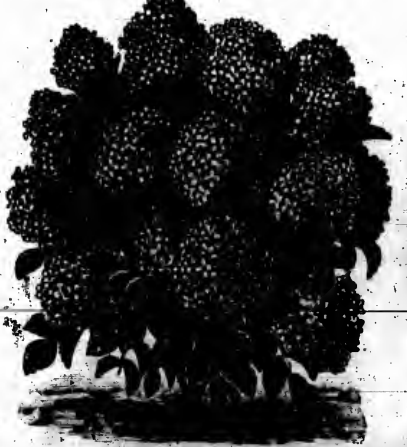
Choicest single. Per box of 12 plants, 20c. Choicest double, in pots. Per doz., \$1.00; each, 15c.

### VASE AND BASKET PLANTS

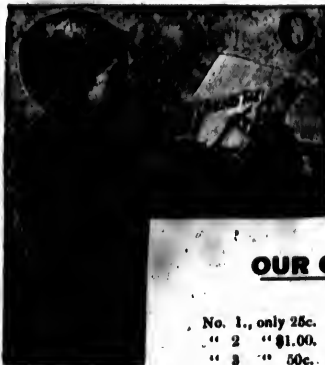
Of these we grow large quantities, suitable for urns, baskets and vases. We have a fine collection, including the favorite varieties generally used for this purpose. Each, 10c.



ECHEVERIA



HYDRANGEA GRANDIFLORA



# OUR CHILDREN'S GARDEN.

The pleasures of gardening are acknowledged by the wisest to be the most healthful cheerful and inspiring of all that occupy the hand and mind of man; how better then in the pleasant months of Spring and Summer can the children be entertained during their leisure hours than by a flower bed or small garden plot in the home garden, which shall bud, bloom and ripen under their own hands? We have for this purpose collected on this page a few varieties which we think especially adapted for their use. Our customers must not overlook (when noting the few kinds named below) the **free** catalogue the entire list in our book are as useful for the children as for the experienced Market Gardener or the suburban home. Stamps will be accepted for any orders; do not wet them or tear them apart if in sheets.

All our flower seeds are put up in colored lithographed bags, on which is a good picture of the variety, with full directions for sowing and cultivating the same.

## OUR COLLECTION FOR CHILDREN'S GARDENS

PLEASE ORDER BY NUMBER AS BELOW

- No. 1., only 25c. **Flower Seeds**: Annuals, quick growing. Sorts easily cultivated.  
 " 2 " \$1.00. **Summer Bulbs**: Dahilia, Lillies, Gladiolus, Cannas, etc., etc.  
 " 3 " 50c. **Potatoes**: Nine distinct sorts, one of each, as on page 60.

## AGRICULTURAL and HORTICULTURAL BOOKS

ALL BOOKS SENT POSTPAID ON RECEIPT OF PRICE

<b>An Egg Farm</b> , (Stoddard.) On the Management of Poultry, Paper.....	\$ 50	<b>Mangolds, Treatise on</b> , by J. H. Gregory.....	30
<b>Asparagus Culture</b> , (Barnes and Robinson's).....	50	<b>Money in the Garden</b> , by P. T. Quilan.....	1 50
<b>Barry's Fruit Garden</b> , new edition.....	2 50	<b>Money in Potatoes</b> , paper.....	50
<b>Cabbages, Treatise on</b> , By J. J. H. Gregory.....	30	<b>New American Farm Book</b> , By L. F. Allen. New and Enlarged Edition.....	2 50
<b>Cauliflowers, and How to Grow them</b> , (Brill).....	25	<b>Onions. How to raise them profitably</b> , (Gregory).....	30
<b>Every Woman Her Own Flower Gardener</b> . A handy manual of flower gardening for ladies.....	1 00	<b>Our Farm of Four Acres</b> .....	35
<b>Farming for Boys</b> .....	1 25	<b>Poultry, Raising and Management of Practical Floriculture</b> .....	60
<b>Fertilizers, a New Edition</b> , where to get formulas for various crops, how to apply, J. J. H. Gregory.....	40	<b>Practical Forestry</b> , by A. S. Fuller, illustrated.....	1 50
<b>Fuller's Grape Cultivator</b> .....	1 50	<b>Practical Poultry Keeper</b> (Johnson).....	50
<b>Fuller's Small Fruit Cultivator</b> .....	1 75	<b>Practical Pigeon Keeper</b> (Wright).....	1 50
<b>Gardening for Pleasure</b> , Henderson.....	2 00	<b>Rarey's &amp; Knowlton's Complete Horse Tamer</b> .....	60
<b>Gardening for Profit</b> , Henderson's New Edition. Entirely rewritten and greatly enlarged, containing very valuable information in regard to market gardening; cloth.....	2 00	<b>Ree's Play and Profit in my Garden</b> .....	1 75
<b>Gardening for Young and Old</b> , J. Harris.....	1 25	<b>Parsons on the Rose</b> .....	1 00
<b>Hand Book of Plants</b> , Henderson's.....	3 00	<b>Strawberry Cultivator</b> , (Fuller's).....	30
<b>Harris on the Pig</b> .....	1 50	<b>Squashes, Treatise on</b> , by J. J. H. Gregory.....	30
<b>Hop Culture</b> .....	75	<b>Success in Market Gardening</b> , (Rawson's).....	1 00
<b>How the Farm Pays</b> . A very instructive book.....	2 50	<b>Tim Smeaker's Papers</b> . A grand book for farmers.....	1 50
<b>Home for Home Builders</b> .....	1 50	<b>Talks on Manure</b> , by Joseph Harris; new and revised edition, cloth.....	1 75
<b>House Plans for Everybody</b> .....	1 50	<b>Tomatoes Enough</b> .....	1 00
<b>How Crops Grow</b> . Prof. S. W. Johnson.....	2 00	<b>The Dog</b> . Its varieties and management.....	60
<b>How Crops Feed</b> . Prof. S. W. Johnson.....	2 00	<b>Tobacco Culture</b> (by Fourteen Experienced Cultivators).....	35
<b>Keeping an Cow</b> .....	1 00	<b>Thomas' Farm Implements and Machinery</b> . New 1 50.....	50
<b>Lawn Planting</b> .....	30	<b>Wheat Culture</b> (Curtis), paper.....	60
		<b>Winter Greenhouses</b> , At Home (Johnson).....	1 00

## -- TREE AND HEDGE SEEDS --

**CULTURE**.—In this latitude the seeds should be sown thinly, as early in the Spring as the ground can be worked, in beds of fine sandy loam three feet wide; then draw the soil from the centre of the bed to a uniform depth of two inches. Sow the seed moderately thick and draw back the soil and evenly cover the seed to a depth of about two inches. Keep the beds free from weeds, and when the seeds begin to germinate, lightly cover the beds with pine boughs to shade the young plants from the sun. When all are up the boughs should be gradually removed in order to harden off the young plants, and during the first winter cover the beds with pine boughs to protect them from snow and the sun. Let the plants remain in the beds from two to three years and then transplant into rows 9 feet apart, leaving 6 to 8 inches between each plant. Sow **Manure Seeds** in drills two feet apart, and when two years old transplant into rows 9 feet apart and 8 to 12 inches between each plant. Hoe frequently and keep free of weeds, and when 9 feet high transplant to where you want them to remain.

EVERGREEN TREE SEEDS—PER OZ. PER LB.	DECIDUOUS TREE SEEDS—PER OZ. PER LB.	HEDGE SEEDS—PER OZ. PER LB.
Norway Spruce..... 10c. \$1.00	Ash Leaf Maple..... 10c. \$1.00	Money Locust..... 10c. \$0.50
Austrian Pine..... 20c. 2.00	Soft..... 20c. 1.50	Sueuthorn..... 20c. 2.50
Scotch Pine..... 20c. 2.00	Sugar..... 20c. 1.50	Cagee Orange..... 10c. 1.00
Arbor Vitae..... 50c. 5.00	White Am. Birch..... 25c. 2.50	Barberry..... 20c. 2.50
	Hardy Catalpa..... 10c. 1.00	
	Ruscus Mulberry..... 50c. 5.00	

# WHAT LEADING MARKET GARDENERS SAY OF US AND OUR SEEDS

### || TORONTO TESTIMONIALS ||

"I make a specialty of growing cauliflowers and celery, for the Toronto Market, and for the past 12 years I have got my seeds from you and they have proved satisfactory." J. W. Shuter, Brimacoadle.

"I am perfectly satisfied with all the seeds I have had from you, and I have dealt with you now for 9 years." Fred Langton, Braxton, Ont.

"I have dealt with you now for 12 years, and am perfectly satisfied with everything I ever bought—my carrots, parsnips and celery this year being all I could wish." James Allen, Mimico.

"For the last 10 years I have had my seeds from your firm and have always found them satisfactory." Joseph Rush, Market Gardener, Toronto.

"We grow for the Toronto market, and where competition is so fierce, we must have the best and purest of seeds, and these we have always got from you. Barton Bros., Toronto Market and Weston, Ont.

"We are growers for the Toronto market. The seeds we have bought from you for the last 12 years have given the very best satisfaction." Granger Bros., Toronto Market and Deer Park, Ont.

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# BEANS—DWARF OR BUSH



*Vt., Norfolk county; Ct., Dutch Bottom.*—Plant in light, rich soil, in drills, 6 feet apart; drop the seeds 3 inches apart and cover with soil 2 inches. If planted in hills, they may be made about 3 feet apart, allowing about 5 to 10 plants to each hill, according to the vigor of growth of the variety. Sow every two weeks for succession. One quart will plant a drill 100 feet longer about 200 hills; 2 bushels to the acre, in drills.

## HENDERSON'S NEW BUSH LIMA-BEAN

not require poles. They produce good quality of delicious lima beans, which can be easily gathered as the common garden bush beans. This variety is at least two weeks earlier than any of the climbing limas. This alone makes it of great value either for home or market garden culture. Price, per pt., 25c.; per 1/2 lb., 65c.; per 1 lb., \$1; per 2 lb., \$1.50.

## BEAN, KUMERLE'S DWARF LIMA

A novelty of great merit. Originated near Newark, New Jersey. Grows 2 feet high, branching out in all directions; is very productive, and especially desirable in small gardens, as it does not require any poles. Plant in rows 2 feet apart and add 1 foot in the row; one plant only should be allowed to grow in a hill. Per pt., 25 seeds, 15c.

# YOSEMITE MAMMOTH WAX BEAN

The above name was suggested for this splendid new Bean on account of its enormous size. The pods, as shown in the plate, frequently attain a length of 8 or 10 inches, with the thickness of a man's finger. The pods are nearly all solid pulp, the seeds being very small when the pods are fit for use. They are a rich golden color, and are absolutely stringless, cooking tender and delicious. This is the coming Wax Bean for family or market purposes. It is enormously productive, as many as 50 of its monster pods having been counted on one bush. Price 15 cents per pt.; per lb., 50c.

## GREEN POD SORTS

- California Pea**, early, productive, and desirable as a baking bean. Small, nearly round; cream color. Per pt., 50c.; 5 lbs., 40c.; 1 lb., 16c. pkt., 5c.
- Early Onions**, very early, and of fine quality; seeds white, spotted with purplish red. Per bush, \$2.50; pt., \$1.50; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.
- Early Red Valentine**, excellent stringless bean. Per bush, \$3.50; pt., \$1.50; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.
- Improved Early Red Valentine**, fine flavor; remains long in the green state. Per bush, \$3.50; pt., \$1.50; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.
- Long Yellow Six Weeks**, one of the earliest. Per bush, \$3.50; pt., \$1.50; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.
- Large White Marrow**, or **Imperial**.—A white bean. One of the most productive beans grown in the garden or field; per pt., \$1.50; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.
- Royal Dwarf Kidney**, one of the best late kinds; for winter use has no superior. Beans white. Per bush, \$4.00; pt., \$1.25; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.
- Improved Large Refugee**, both the pods and seeds are larger than the old Refugee variety, and it is also a better yielder. Seeds when ripe, purple speckled with white. Per bush, \$3.50; pt., \$1.50; 5 lbs., 90c.; 1 lb., 15c. pkt., 5c.

## BEANS ENGLISH OR BROAD

**Broad Windsor**, this class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant 6 inches apart and 2 inches deep, in drills 4 feet apart; To insure well-filled pods, pinch of the tops, as soon as pods begin to set. Per pt., 5c.; 1 lb., 20c.; per 5 lbs., 90c.; per bush, \$3.00.

## OUR NEW CYLINDER IVORY POD WAX BEAN

This is without doubt the most productive and handsome of all Wax Beans yet known. The vines are of strong rapid growth and of a somewhat spreading habit, forming a large outline, of short side shoots which are a complete mass of blossoms and pods from the ground to the top. The pods are long, perfectly round, and entirely stringless; when young being all solid pulp, of Ivory White color in the shade, varying to a delicate light golden yellow in the sun. It is perfectly free from rust or spots, keeping bright and crisp long after being picked and of exceptionally fine flavor. Unlike other wax sorts the pods obtain the wax-lima color soon after they are formed. Price per pt., 10c.; per lb., 40c.; 5 lbs., \$1.50.

## WAX POD VARIETIES

- Wardwell's Dwarf Kidney Wax**, very hardy, both pod and plants are robust. It produces a heavy crop of purely Wax pods, are very long, flat, showy, and not liable to rust or blister. Per bush, \$7.50; pt., \$2.00; 5 lbs., 90c.; 1 lb., 30c. pkt., 5c.
- Black Eyed Wax**, introduced only three years ago this valuable variety has already made a most favorable impression. A cross between the Black Wax and the Golden Wax, and in our trials we found it to be the earliest Wax variety in cultivation. It is a robust grower, very productive, very tender, and of exceptionally fine flavor. Per bush, \$7.50; pt., \$2.00; 5 lbs., 90c.; 1 lb., 30c. pkt., 5c.
- White Wax**, pods of fair size, rich and tender flavor; in color waxy white, and almost as transparent as glass. An excellent variety for canning purposes. Per bu., \$7.50; pt., \$2.00; 5 lbs., 70c.; 1 lb., 15c. pkt., 5c.
- Black Wax**, a popular variety; the pods are a waxy yellow, solid tender, and almost transparent; stringless. Seeds when ripe, jet black. Per bu., \$8.00; pt., \$1.75; 5 lbs., 70c.; 1 lb., 15c. pkt., 5c.
- Large Ivory Wax**, new, early, stringless; pods large, beautiful, rich, creamy white color; very prolific, and a great favorite with market gardeners. Per bu., \$9.00; pt., \$2.50; 5 lbs., \$1; 1 lb., 20c.; 1 lb., 5c.
- Golden Wax**, one of the best dwarf beans known; very early; pods large, long, brittle, mainly stringless, and of a beautiful, rich golden wax color. Per bu., \$8.00; pt., \$1.75; 5 lbs., 70c.; 1 lb., 15c. pkt., 5c.
- White Seeded Wax**, the color of the seeds being white; it is by some preferred to the preceding for cooking. Per bu., \$7.50; pt., \$2; 5 lbs., 70c.; 1 lb., 15c. pkt., 5c.



DO NOT FORGET TO REMIT 4c. PER Lb., FOR POSTAGE ON BEANS, PEAS AND CORN.

fine dark red  
Early  
65c. 1/2 lb.,  
Sweet  
Beans  
10 to 12 inch  
Extra  
French  
Giver  
"Asparagus"

# BUSH

*Dr. Bush Beans.*—  
 Drills, 2 feet apart;  
 and cover with soil  
 they may be made  
 about 6 to 10 plants  
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# K BEAN

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 lb., 50c.; peck, \$2.00.

# K BEAN

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 Price per pkt., 10c.



CORN.

# BEANS POLE OR RUNNING



LADY WIVES POLE BEAN

*Fa. Haricot's a rames; Gen., Stangenbeim.*—Less hardy than the Dwarf, and are not usually planted so early. Plant in hills 2 feet apart, with a stake or pole to run up on.

**LADY WIVES POLE BEAN.**—This variety originated in Buck's county, Pennsylvania, where, for a number of years, it has been the most popular Pole Bean grown. Pods are wonderfully broad, thick, fleshy, and, above all, entirely stringless. In these respects they surpass any other we know of. Then, again, the pods retain their rich, stringless and tender qualities until they are almost ripe. They also surpass every other variety in the way vines cling to the pole, the vines being covered all Summer with masses of beautiful pods. It is just the sort to suit lady wives, as a mess can soon be picked for dinner. Pods are from 4 to 6 inches long, exceedingly thick, buttery, and fine flavored when cooked. They are hardy, easily grown, and enormously productive. Per lb., 25c.; per pkt., 10c.

**Asparagus or Yard Long**, produces pods from 9 to 12 inches long; very tender and delicious. Per 5 lbs., \$2.25; per lb., 50c.; pkt., 10c.

**Swiss Cheese Kidney**, a very productive variety, and one of the earliest. Per peck, \$2.50; 5 lbs., \$1.00; 1 lb., 20c.; pkt., 5c.

**Red Spoonful or Gey Super**, an excellent bean, very productive, and found to prove satisfactory. Per pk., \$2.00; 5 lbs., \$1.00; 1 lb., 20c.; pkt., 5c.

**Indian Chief**, yellow pods, very tender and sweet; thick and fleshy. Per pk., \$2.00; 5 lbs., 50c.; 1 lb., 25c.; pkt., 5c.

**Golden Wax or Butter**, one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of very large size, exceedingly succulent and tender, and enormously productive. Per 15 lbs., \$3.60; 5 lbs., \$1.25; 1 lb., 30c.; pkt., 5c.

**Large White Lima**, a large late variety, with long broad, very thin, dark green pods; although late, it is esteemed as one of the very best. Per peck, \$3.00; 5 lbs., \$1.25; 1 lb., 25c.; pkt., 5c.

**Scarlet Runners**, this variety grows from 10 to 12 feet high; foliage green, and flowers brilliant scarlet; fine for covering arbors, at the same time yielding a supply of wholesome and nutritious food. Per 15 lbs., \$2.60; 5 lbs., \$1.00; 1 lb., 25c.; pkt., 5c.

# BEET

*Fa. Buttercup; Gen. Runkel Kube.* Sow as early in spring as the ground can be worked, in light, well manured soil, in drills twelve inches apart, covering the seeds one inch deep and pressing the soil firmly over them. Thin out four inches apart for table beets; cultivate frequently. One ounce of seed will sow 100 feet; four to six pounds are required for an acre.

I would be doing you an injustice if I did not express my entire satisfaction at result of using your spinach seeds they were astounding. The pumpkin and squash were the finest I ever saw. I will always have your orders. J. W. Hinson, Chatham.



**Lentz's Extra Early Blood Turnip.** We recommend this as containing all the valuable essential of an early beet. It is fully as early as the Egyptian, but larger and of better quality, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top, and will produce a crop in six weeks from time of planting the seed. It is very productive and a perfect keeper. Per lb., \$1.00; 1 lb., 30c.; oz., 10; 10, 10; 10, 10.

**Edmond's Early Turnip.** This is a handsome Red Turnip Beet, grows quite largely around Boston. Root smooth and foliage very small. Per lb., \$1.00; 1 lb., 30c.; oz., 10c.; pkt., 5c.

**Early Eclipse**, larger than the Egyptian, nearly as early, of much finer quality, globe shaped, dark crimson color; it is excelled by none. Per lb., 80c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Early Dark Red Flat Egyptian**, the earliest dark red beet in cultivation; its color fine dark red, shape, that of an early flat white turnip; never fails to give satisfaction. Per lb., 75c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Early Blood Turnip**, good for Summer or Winter, flesh dark red color, a standard round variety, with small top, very tender. Per lb., 65c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Bacone Flat Red**, very early, tender and sweet, rose color, grows to a good size. Per lb., 65c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Bonnings Half Long Short Top**, the best for family use, tender, sweet, not requiring to be cut in two for boiling, leaf greenish shade. 10 to 12 inches. Per lb., 65c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Extra Long Smooth Deep Blood Red**, most popular kind for general use. Per lb., 65c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**French White Swiss Sugar**, delicious for salad, very sweet, as the name implies. 10 lb. lots, 20c.; per lb., 25c.; 1 lb., 10c.; pkt., 5c.

**Silver Beet or Swiss Chard**, a variety of beet with beautiful and tender leaves, which are used for "Spinach," the mid ribs are used as "Asparagus." Per lb., \$1.00; 1 lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

If You Want to Win Prizes at Next Fair, You Need Sow our Seeds.

# CABBAGE

*Fr., Chou Cabus; Ger., Kopf Kohl.*—A deep, rich, loamy soil is most suitable for cabbages. New land is preferable, and should be deeply dug and heavily manured. A mixture of salt and ashes applied to the hill, when transplanting, is excellent for promoting growth and keeping down the maggot. For early use, a sowing should be made in a hoed bed in February or March, and hardened off by gradually exposing them to night air. For late crop, sow in a nursery bed, May or June, and transplant as soon as the plants are 3 or 4 inches high; thoroughly cultivate every week until the plants meet in the rows. There is no vegetable in which the character of the seed is of more importance than this. Good seed, deep, rich soil, plenty of manure, thorough cultivation. These are the cardinal points in raising a good crop of cabbage. One ounce of seed will raise about 2,000 plants. See remarks page 85, Nitrate of Soda.



OUR CABBAGE FAMILY

**Filderkraut**, like *Winningsstadt*, with fewer outside leaves; a sure header, very solid and of excellent flavor. Per lb., \$2.50; ½ lb., 75c; 2 oz., 40c; 1 oz., 25c; pkt., 5c.

**Premium Flat Dutch**, a very fine strain of this standard variety, so largely grown for fall and winter use. Per lb., \$2.50; ½ lb., 75c; 2 oz., 40c; 1 oz., 25c; pkt., 5c.

**Marblehead Mammoth Drumhead**, the largest cabbage known. Heads have been grown that weighed 80 pounds. Per lb., \$3.50; ½ lb., \$1.00; 2 oz., 60c; 1 oz., 35c; pkt., 5c.

**Late Flat Dutch**, heads large, round, solid, broad and flat on the top; a winter variety. Per lb., \$1.50; ½ lb., 40c; 2 oz., 25c; 1 oz., 15c; pkt., 5c.

**Large Late Drumhead**, a superior winter variety; heads large, tender and of good flavor. Per lb., \$1.50; ½ lb., 40c; 2 oz., 25c; 1 oz., 15c; pkt., 5c.



MANDERSON'S SUCCESSION

**Manderson's Succession**, follows ten days after *Early Summer*, forming more solid heads, while it can be planted nearly as close. Per lb., \$2.00; ½ lb., \$1.00; 2 oz., 60c; 1 oz., 35c; pkt., 5c.

**St. Bonie Large Drumhead**, head large, round, and a little flattened, solid and of good quality. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Quintal Drumhead**, largest of late sorts, solid and of good flavor. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Deep Red, Extra Early**, heads small, nearly round, very hardy, and of exceedingly deep red color. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 10c.

## VANDERGAW CABBAGE

This, for a mid-summer and a late cabbage, is without a rival. For its season, we place it at the head of all others; experience has demonstrated that it is the best, strongest, and most profitable variety grown. It is a medium late cabbage. Large green heads, hard, and of remarkable excellence; tender, crisp and delicious, and the most reliable header in existence. Ninety-five to ninety-eight prime, marketable heads out of a hundred is an average yield. Per ½ lb., \$1.75; 2 oz., 90c; 1 oz., 60c; ½ oz., 30c; pkt., 10c.



The Best Second Early and Summer Cabbage. Fully as good as the first.

**Early Jersey Wakefield**, one of the earliest, pyramidal-shaped heads, medium size, solid. Per lb., \$2.50; ½ lb., 75c; 2 oz., 40c; 1 oz., 25c; pkt., 5c.

**Early Dwarf York**, one of the most popular early varieties, heads small, roundish broid, firm and tender. Per lb., \$1.50; ½ lb., 40c; 2 oz., 25c; 1 oz., 15c; pkt., 5c.

**Early Winningsstadt**, one of the best cabbages for general use. Heads regularly conical, solid and of excellent flavor. Per lb., \$1.60; ½ lb., 40c; 2 oz., 25c; 1 oz., 15c; pkt., 5c.

**Early Sugar-Leaf**, a conical shaped head, a favorite with many. Per lb., \$2.10; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Extra Early Klumpen**, the earliest grown, small compact heads of excellent quality. Per lb., \$2.50; ½ lb., 75c; 2 oz., 40c; 1 oz., 25c; pkt., 5c.

**Early French Ox Heart**, heart-shaped, second early; it grows low on the stump, heads freely. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**All Seasons**, a new and superior sure-heading variety. May be planted early or late, as it forms very large and very solid heads quickly. Per lb., \$2.50; ½ lb., \$1.00; 2 oz., 60c; 1 oz., 35c; pkt., 5c.

**Manderson's Early Summer**, the earliest large variety; two weeks later than the *Wakefield*, a solid, handsome and compact growth. A favorite with gardeners, and valuable for family use. Per lb., \$2.00; ½ lb., \$1.00; 2 oz., 55c; 1 oz., 30c; pkt., 5c.

**Fattier's Improved Brunswick**, a second early, late variety of superior quality. Per lb., \$2.50; ½ lb., 75c; 2 oz., 40c; 1 oz., 25c; pkt., 5c.

**Red Drumhead**, larger than the *Red Dutch*. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Improved American Savoy**, the best of all the Savoy for general market or home use. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Drumhead Savoy**, keeps well during winter. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Early Dwarf Elm Savoy**, one of the earliest and sweetest Savoy. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

**Green Globe Savoy**, one of the best, very hardy and improved by *St. Bonie*. Per lb., \$2.00; ½ lb., 60c; 2 oz., 35c; 1 oz., 20c; pkt., 5c.

THREE POINTERS.—1st. Procure good honest seed. 2nd. Have your soil deep, rich and well drained. 3rd. Do not plant your seeds before the ground and weather have become thoroughly warm.

# CU



**Boston Pick** but some and one 1 lb. 50c.  
**Early Green** \$1.00; ½ lb. \$1.00; 2 oz. 50c; 1 oz. 25c.  
**Early French** size. Per lb. \$1.50; ½ lb. 75c; 2 oz. 40c; 1 oz. 25c; pkt. 5c.  
**Early Airt** and hand-feeding an abundant yielding variety. Per lb. \$1.00; ½ lb. 50c; 2 oz. 30c; 1 oz. 15c.  
**Green Peppercorn** cucumbers. Per lb. \$1.00; ½ lb. 50c; 2 oz. 30c; 1 oz. 15c.  
**Long Green** 80c; ½ lb. 40c; 2 oz. 25c; 1 oz. 15c.  
**Short Green** exclusively white young. Per lb. \$1.00; ½ lb. 50c; 2 oz. 30c; 1 oz. 15c.  
**Giant Fern**

CA applications of well in Canada seeds of these customers to us



**EARLY** Washburn-Lane quality. F

**Fr. M** with a slight

**Fr. C** washed, cut by thirty feet

**Fr. C** Per oz., 30c.

We have secured a



# CUCUMBER

**Fr., Concombre; GER., Gurke.** For very early Cucumbers, sow the 1st of April, in a hot-bed, upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over; or protect by hand glasses.

In this latitude it is useless to plant in the open ground until nearly the 1st of June. Make rich hills of well-rotted manure, two feet in diameter, and plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. They succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumber should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. 1 oz. for 50 hills; 2 to 3 lbs. in hills for an acre.

## WESTERFIELD'S CHICAGO PICKLING

A variety which has but recently become known to the trade, and which has for some time past been cultivated and exclusively used by the largest pickling houses of Chicago in the manufacture of their celebrated pickles. It is exceedingly prolific, bearing small, well-formed fruit, well covered with spines and of an unusually deep green color. Price, per lb., \$1.00; 1 lb., 50c.; 2 oz., 30c.; 1 oz., 10c.; pkt., 5c.

## EVERGREEN WHITE SPINE

A remarkably fine strain of Cucumber, which is especially recommended for market, table or pickling purposes, differing from the ordinary and popular White Spine in color; it retains a deep green color in all stages of its growth; produces a long, slender, pointed fruit; very prolific and very white in flesh, tender and crisp. Lovers of Cucumbers should try this new sort. Price, per lb., 50c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

## NICOL'S MEDIUM GREEN

As a pickling variety it will be found unequalled, and for early forcing purposes, or for slicing, there is no better; very productive, of medium size; almost straight and smooth; the color is dark green, and the flesh is tender and crisp. It is fast becoming a welcome addition to the cucumber family. Price, per lb., \$1.00; 1 lb., 50c.; 1 oz., 10c.; pkt., 5c.

**Early Russeting**, very early, hard and productive; small, growing in pairs. Per lb., \$1.00; 1 lb., 50c.; 2 oz., 30c.; 1 oz., 10c.; pkt., 5c.

## ENGLISH FRAME CUCUMBERS

These are grown in the green-house or in a hot-bed; very handsome, both in form and color; attain a length of from 20 to 30 inches. The following are the cream of the many popular sorts: **Black Gem**, a fine black-spined variety, from 18 to 24 inches long. Per pkt., 5c.

**Cuthill's Black Spine**, very handsome fruit of moderate size, prolific. Per pkt., 5c.

**Duchess of Edinburgh**, a fine white-spined variety, averaging over 20 inches in length. Per pkt., 5c.

**Marquis of Lorne**, a fine white-spined variety, of immense size and symmetrical form. Per pkt., 5c.

**Empress of Austria**, a fine white-spined variety, growing from 18 to 24 inches, very uniform in shape, of excellent flavor, and remarkably productive. For exhibition purposes it stands unrivalled. Per pkt., 5c.

**Carson's Bloods**, said to be the handsomest Cucumber grown, perfect in outline, with scarcely any neck, and of fine flavor. Per pkt., 5c.

**Belgian's Telegraph**, very prolific, early, crisp, and of superior quality. Per pkt., 5c.



CHICAGO PICKLING CUCUMBER

- Beston Pickling**, fruit short, early, cylindrical, uniform in size, but somewhat tapering at each end, bright green, productive, and one of the very best pickling varieties. Per lb., \$1.00; 1 lb., 50c.; 2 oz., 30c.; 1 oz., 10c.; pkt., 5c.
- Early Green Ontario**, a short, very early variety. Per lb., \$1.00; 1 lb., 50c.; 2 oz., 30c.; 1 oz., 10c.; pkt., 5c.
- Early Frame**, a good variety for pickling and table, of medium size. Per lb., 50c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.
- Early Arlington White Spine**, fruit uniformly straight and handsome, light green, with a few white spines; flesh tender and of fine flavor; vines vigorous, fruiting early and abundantly. One of the best for table use, and largely used for pickling when small. Per lb., \$1.00; 1 lb., 50c.; 2 oz., 30c.; 1 oz., 10c.; pkt., 5c.
- Green Favorite**, one of the best pickling sorts; seldom yielding cucumbers too large for pickling, and very productive. Per lb., \$1.00; 1 lb., 50c.; 2 oz., 30c.; 1 oz., 10c.; pkt., 5c.
- Long Green**, a very fine long fruit of excellent quality. Per lb., 50c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.
- Short Green Favorite**, a very small prickly variety, used exclusively for pickling, for which purpose it should be gathered while young and tender. Per 1/2 lb., \$1.00; 2 oz., 50c.; 1 oz., 30c.; pkt., 5c.
- Giant Para** (see Novelty List.)



ENGLISH FRAME

# CAULIFLOWER

**Fr., Chou-fleur; GER., Blumenkohl.** Sow in deep, rich soil, well cultivated. A mixture of lime and sulphur is a good prevention of maggot, and also promotes growth. The sowing and after-treatment is the same as for cabbage, except that it will not stand the drought so well, and require liberal culture.

Of the many varieties cultivated, there are really only a few that will succeed well in Canada, and of these we pronounce the **Earliest Dwarf Erfurt** and **Early Snowball** undoubtedly the finest. Owing to the seeds of these sorts being very expensive, there is great temptation to use the cheaper sorts. We think it well, therefore, to caution our customers to use only the best—the crop tells. One ounce of seed to 1,000 plants (See remarks on NITRATE OF SODA, page 86.)

applications of water or liquid manure during the hot months. The most profitable sort for market gardens. On account of its dwarf and compact habit, the plants may be set out 20 to 22 inches each way, so that from twelve to fourteen thousand can be planted on an acre. For pickling it is the standard variety, the compact and solid texture of the snow-white heads, combined with delicious flavor, surpass all other sorts. Per 1/2 lb., \$1.00; 2 oz., 50c.; 1 oz., 30c.; 1/2 oz., 17c.; pkt., 5c.



EARLIEST DWARF ERFURT

**Walshmore**. A very hardy variety; forms large heads when other varieties fall. Per 1/2 lb., \$1.50; 2 oz., 85c.; 1 oz., 50c.; 1/2 oz., 30c.; pkt., 10c.

**Lombard's Large Snowball**. This is, without doubt, one of the finest late varieties grown; heads large, white, well formed and compact of excellent quality. Per 1/2 lb., \$2.50; 2 oz., \$1.50; 1 oz., 90c.; 1/2 oz., 50c.; pkt., 10c.

- Earliest Dwarf Erfurt** (Selected). Year after year this has become more popular, until leading market gardeners, in nearly every section of the Dominion, now grow it entirely, having discarded all the older varieties, as they find our strain of Erfurt to be the surest heading and altogether the most profitable sort for market gardens. On account of its dwarf and compact habit, the plants may be set out 20 to 22 inches each way, so that from twelve to fourteen thousand can be planted on an acre. For pickling it is the standard variety, the compact and solid texture of the snow-white heads, combined with delicious flavor, surpass all other sorts. Per 1/2 lb., \$1.00; 2 oz., 50c.; 1 oz., 30c.; 1/2 oz., 17c.; pkt., 5c.
- Early Snowball** (True). Undoubtedly one of the best early sorts in cultivation. Its hardness, sure-heading and compact growth makes it one of the finest for early forcing. Per 1/2 lb., \$1.50; 2 oz., 85c.; 1 oz., 50c.; 1/2 oz., 30c.; pkt., 10c.
- Extra Early Paris**. Heads large, white, compact and solid, tender and delicious; leaves large, stalks short. Per 1/2 lb., \$2.50; 2 oz., \$1.50; 1 oz., 90c.; 1/2 oz., 50c.; pkt., 10c.
- Half Early Paris or Demi Paris**. A little later than Early Paris, heads large, white, solid. Per 1/2 lb., \$2.50; 2 oz., \$1.50; 1 oz., 90c.; 1/2 oz., 50c.; pkt., 10c.
- Votter's Autumn Gem**. A valuable late variety and quite distinct; heads large, beautiful white, firm and compact. Being well protected by its heavy foliage, it remains for a long time fit for table use. To ensure their full development, the plants should be sown and transplanted early in the season. Per 1/2 lb., \$2.50; 2 oz., \$1.50; 1 oz., 90c.; 1/2 oz., 50c.; pkt., 10c.

## CORN SALAD

**Fr., Mache; GER., Achersalat.** Sow the seed early in September, thickly, in shallow drills six inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Per lb., \$2.00; 1 lb., 60c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

## OHIOORY

**Fr., Cichoree; GER., Cichoree.** Sow and treat in the same manner as carrots. Used to mix with, or as a substitute for coffee. The root is washed, cut in small pieces and carefully dried. When required, it is roasted and ground. One ounce will sow a bed four and one-half feet by thirty feet; four pounds to the acre. Large-rooted or coffee per lb., 60c.; 1/2 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

## GURLED OHERVIE

**Fr., Corfueil; GER., Kartele.** Cultivated and used like Parsley; sow at any time in the spring, in shallow drills, one foot apart. Per oz., 20c.; pkt., 5c.

We have been famed for the superior excellence of our Cauliflower Seed, and we have pleasure in stating that we have this season secured a large stock from our French, Italian and German growers, and are in a position to execute all our customers' orders in full.

**Kohl.**—A deep, or cabbages. New we deeply dug and of salt and ashes nutting, is excellent be made in a hot- For late crop, sow high; thoroughly in the character of plenty of manure, crop of cabbage, Nitrate of Soda.

**GE**

seasons, we place best, sweet, and green heads, hard, reliable header in a hundred is an 10c.

**Second Early Summer Cabbage.**

**Del-shaped heads, 40c.; 1 oz., 25c.;**

**ies, heads small, 40c.; 2 oz., 25c.;**

**erni use. Heads 1.50; 1/2 lb., 40c.;**

**many. Per lb.,**

**heads of excellent 5c.; pkt., 5c.**

**grows low on the 25c.; 1 oz., 20c.;**

**May be planted quickly. Per lb.,**

**two weeks later 1/2 lb., \$1.00;**

**Favorite 1/2 lb., \$1.00;**

**ariety of superior 1/2 lb., \$1.00;**

**Savory for gen- 2 oz., 30c.;**

**Per lb., \$2.00;**

**weetest Savoy, 1/2 lb., 5c.**

**and improved by 2 oz., 30c.; pkt., 5c.**

# CORN

**Fa., Main; Gen., Wetschorn.**— Sweet corn should not be planted until the weather becomes warm; always select a warm soil if possible, especially for the earlier varieties, as the difference in soil and exposure will often make considerable difference in maturity. Plant in hills three feet apart each way, five or six kernels to every hill, or in drills three feet apart and the plants thinned to one foot apart in the drill. The latter method will yield the heavier crop from a given surface. The soil should be well enriched with manure before planting, and, while the crop is growing, The hoe or cultivator has to be kept busy stirring the soil. One pound will make about one hundred hills; one peck an acre in hills. For field varieties see Agricultural Seeds.

**Livingston's New Gold Coin Sugar Corn,** For description see Novelty pages.



N. B.—Special quotations made to canners and others requiring a large quantity.

## A New Sugar Corn, The Honey Sweet



It is pronounced, by every person who has eaten it, the sweetest of any they have ever tasted. In growth and appearance it is unlike any other variety, the husks and stalks being of a deep red color during growth, while the corn itself is of a beautiful cream white, and having the deepest grain, and smallest cob of any known variety. A most productive variety, growing vigorously and coming in as early as Moore's Concord. No market or private garden is complete without it. 15 lbs., \$2.25; 5 lbs., 80c.; 1 lb., 25c.; 1/2 lb., 15c.; pkt., 10c.

**Corn, Old Colony,** a selection from the Evergreen type. The ears, when ready for market, can hardly be distinguished from the Evergreen, and are really ten days earlier, which is of great consideration to gardeners and canners. Per doz. ears, 50c.; 15 lbs., \$1.25; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

**Corn, Black Mexican,** a rather short, black-grained variety of unusual sweetness. Per doz. ears, 50c.; 15 lbs., \$1.75; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

**The Gory Corn,** very early and sweet, similar to the Marblehead, but about one week earlier, and more suitable for market, being larger in the ear. Per doz. ears, 60c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Creech's Extra Early Sugar,** an excellent early variety, ears rather short; rich, sugary flavor. Per doz. ears, 60c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Early Agave or Burlington,** a very early and good table variety, though not a sweet corn. An excellent early field variety. Per doz. ears 60c.; 15 lbs., \$1.60; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

Single ears of any variety, 5c. each.

**Early Marblehead,** one of the earliest varieties grown; kernels plump and of very sweet-rich flavor. Per doz. ears, 50c.; 15 lbs., \$1.50; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

**Early Minnesota,** very early; rather dwarf; ears fair size; excellent. Per doz. ears, 50c.; 15 lbs., \$1.50; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

**Egyptian Sweet,** ears of large size, very productive, sweet, tender, and of delicious flavor. A superior market variety, and well adapted for canning purposes. Per doz. ears, 50c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Mammoth Sweet,** a late variety, and one of the largest grown; sweet, tender and delicious. A market sort. Per doz. ears, 60c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Moore's Early Concord,** of rich and delicious flavor, and an excellent intermediate variety. Per doz. ears, 50c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Perry's Myribeak,** a new extra early variety, with large ears, about twice the size of Minnesota; twelve rows of fine quality. Per doz. ears, 60c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Mitchell's Extra Early (White Flint).**—The earliest White Flint Corn grown; ears six to seven inches in length, well filled, and with a small cob. It is the only corn that will mature in Manitoba and Northern Ontario. Per doz. ears, 50c.; 15 lbs., \$1.75; per 5 lbs., 80c.; pkt., 5c.

**Stewart's Evergreen Sweet,** a late variety of the richest and sweetest flavor; ears medium size, and remains longer in a green state than any other variety. Per doz. ears, 60c.; 15 lbs., \$1.75; 5 lbs., 90c.; 1 lb., 15c.; pkt., 5c.

**Yonkers Corn,** produced by many who object to the sugar varieties. Per doz. ears, 60c.; 15 lbs., \$1.45; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

### POP CORN

Whites, for parching (in ear). Per doz. ears, 25c.; 15 lbs., \$1.25; 5 lbs., 45c.; 1 lb., 10c.; pkt., 5c.

**Early Amber,** a very early maturing variety of a clear amber color. 20c. lb.; pkt., 10c.

10c. per ear to price for postage.

### WATER CRESS



**Fa. Cress de Fontain; Gen. Brunnenkress.** A well known plant, growing abundantly along the margins of running streams. It is easily introduced by planting along the margins of ponds and streams. Per lb., \$1.25; 5 oz., 75c.; 1 oz., 50c.; pkt., 10c.

### GRESS, or PEPPER GRASS

**Fa. Cress; Gen. Kress.**—A well known pungent salad. Sow thickly at frequent intervals, to keep up a succession, and cover the seed lightly.

**Cress, Extra Curled,** very fine, and may be cut two or three times, leaves frilled and curled. Per lb., 50c.; 1/2 lb., 30c.; 3 oz., 15c.; oz., 10c.; pkt., 5c.

**Broad Leaved Green,** very large leaved variety, pungent and pleasant flavored. Some times used for soups. Per lb., 50c.; 1/2 lb., 30c.; 3 oz., 15c.; oz., 10c.; pkt., 5c.

**Austrian Green,** leaves delicate green, mild and fine flavor. Per lb., \$1.00; 1/2 lb., 60c.; 3 oz., 35c.; oz., 15c.; pkt., 5c.

**Upland Green.** See novelty list.

NOTICE.—Our Corn Planters are listed amongst Tools in this Catalogue.

White Water  
solid and  
Boston Mar  
5 oz., 25c.  
Dues of  
1 lb., \$1.00

## CA

Charleston  
Limited  
and more  
Danvers  
in size and  
Per lb., 50c.  
Guaranteed  
shoulder  
orange, fine  
Per lb., \$1.  
pkt., 5c.



(GUE)



500 P





GIANT CEBANTAN



TORONTO GEM

**Toronto Gem**, the finest market variety to be found. Its beautiful yellowish-green color, crisp, curled and well-formed heads, tender quality and sweet flavor places it at the head of the list for the market, gardeners or for family use. It withstands the heat of summer, and retains its sweetness for a longer time than any other variety we know. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**Ohio Cabbage**, Early Ohio is good either for spring or summer use; forms a large, solid head, of a beautiful light-green color. Is early and very pleasing to the sight. Very tender and of delicious flavor. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**Early Curled Simpson**, early, loose heads, curled, tender and fine flavor. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**Early Prince Henry**, an excellent variety for family use, forms a loose head of a dense mass of leaves, of a light green color, edged and densely blushed; deep green color, shaped with red, crisp, tender and good flavored. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**Martha Green-headed**, large, crisp and tender, summer variety. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**California Curled**, does not form a large head, but the leaves have beautifully cut and curled edges, and might be called a fringed variety, of a delicate shade of green, inner leaves almost white, remains a long time tender and sweet, very ornamental. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**Early Curled Simpson**, not a heading variety, but forms a compact, close mass of leaves. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**OOB VARIETIES**

**Lettuce, Paris White Cos**, a very superior variety; tender and crisp; should be tied up in order to blanch before using. Per lb., \$2.50; 1/2 lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

**LEEK**

*Fs. Pezom; Osa. Looch.*—Sow in April at the bottom of drills made eight inches deep, scatter the seed thinly and cover with soil half an inch. As the plants grow, gradually draw the earth into the drills and around the leek, in order to blanch them and make them mild flavored. A deep rich soil is required to produce fine leeks. In October they will be ready for use, and until the ground closes up, may be drawn as directed for the table. 1 oz. to 150 feet of drill.

**Leek, Broad Flag**, a large and strong plant, with broad leaves growing only on two sides, like the Flag; per lb., \$1.50; 1/2 lb., 45c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

**Grand Garretan**, an improved variety, with short, thick stems, seldom exceeding six inches in length, but is often three inches or more in diameter in well grown plants; very dark green leaves and quite hardy; per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**KOHL RABI**

*Fs. Choe Kavi; Osa. Kohrabi.*—For table use, sow in June, and for stock feeding sow early in the season, as directed for cabbage, in order to give the whole season for growth; transplant into rows two feet apart and 18 inches apart in the rows. Cultivate like cabbage or swedes. The Kohl Rabi, when young, is very tender and delicate, possessing the flavor of both the cabbage and turnip. Cooked same as sprouts. One ounce of seed will produce 3,000 plants.

**Early White Vienna**, green top, white flesh, popular, handsome, good flavor. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**Early Purple Vienna**, differs from the preceding only in color. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.



KOHL RABI

**LETTUCE**

*Fs. Lohner; Osa. Lättich.*—The Lettuce is divided into two classes, viz.: Cabbage Lettuce and Cos Lettuce. The Cabbage have round heads and broad spreading leaves; the Cos varieties have long heads and upright oblong leaves. A very rich soil is necessary to produce fine head Lettuce. Its crisp and tender qualities depend very much on a luxuriant growth. The earliest sowing may be made in May. For late supplies sow in the open ground as soon as the season will permit. Transplant or thin out the plants gradually to a foot apart, and keep well cultivated. One ounce of seed to 3,000 plants.



EARLY HANSON

**Early Hanson**, heads very large, solid, tender, crisp; flavor fine; sows a summer heat well; one of the best sorts. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**Nonpareil Cabbage**, one of the best in cultivation; color beautiful light-yellowish green; heads well; very tender. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**Black Seeded Simpson**, very handsome; forces well; is crisp and tender. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**Red Edge Victoria**, crisp and tender; of a light pale green color tinged with red at the edges; one of the best for family use. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**White Summer Cabbage**, excellent; heads large, also close and well-formed. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**MUSHROOM SPAWN**



We this year issue a pamphlet of instructions for Mushroom culture, which will be sent free with all orders for spawn. To all orders on receipt of 10 cents. The spawn we offer is specially made and impregnated twice each season, and is always fresh and in proper condition for planting.

**Mushroom Spawm**, English, per brick, 5c.  
 " " " " French, loose in boxes, 2 lb., \$1.  
 Add postage, 5c. lb. or brick.



MARTYNA

*Fs. Martyna; Osa. Gammehovon.*—The young pods are used to a considerable extent for pickling, as they are produced in great abundance, and should be gathered when green and tender. The seed should be sown in April or May, and the plants transplanted to a foot apart each way.

**Martyna Provesion**, Per 1/2 lb., \$1.00; 2 oz., 55c.; 1 oz., 30c.; pkt., 5c.

**MUSTARD**

*Fs. Mustard; Osa. Senf.*—A pungent salad, used sometimes with cress. Sow thickly in rows sown out when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse or in a frame. For a crop of seeds sow in April, in drills a foot apart, and thin out moderately when about 2 inches high.

**White English**, best for salads. Per lb., 80c.; 1/2 lb., 45c.; 1 oz., 25c.; pkt., 5c.

**MASTURTION OR INDIAN CRESS**

*Fs. Caperica; Osa. Knapasterbium.* Sow early in spring, in good rich ground; trim them to stub, leave and flowers are used in salads. The seeds, picked when green and picked, form good substitute for cress.

**Smartweed**, Tall, mixed colors. Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**Dwarf**, mixed colors. Per lb., \$2.00; 1/2 lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

**OSRA OR CUMBO**

*Fs. Gombo; Osa. Kankov.* Its long pods when young are used in soups, etc.; very nutritious, of easy culture, grows freely, bears abundantly in garden soil. Sow at usual time of tender vegetables, in drills 6 in. deep, setting plants 2 or 3 feet apart.

**Large Gombo**, long ribbed pods. Per 1 lb., \$1.75; 1/2 lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

**MELON**

planting, see the vine. To and squashes.

**Emerald**  
 Too much prolific Melon set with fruit is thin, of a small. Also rich, luscious. Per oz., 25c.

**BANANA**  
 settings. The thick, and blood making a fine as three feet. It is sweet-melon, as When ripe it comes per lb., 10c.

**MANGO**  
 The Vego into pie, pudding Bag Vine, or green and sweet

**Improved Green**  
 sweet and of 15c.; pkt., 5c.

**Monte and ribbed**  
 Per lb., \$1.50; 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**Salisbury's and ribbed**  
 1/2 lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

**Olive Wine**

# MELON, MUSK

**Fr., Melon; Gen., Zucker-Melons.** A rich, warm, sandy soil is best for the Musk Melon. Plant the seed when the ground is dry and warm. Plant from six to twelve seeds in hills six feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. If manure is mixed in the hills at time of planting, see to it that it is old and well rotted. When the shoots are a foot long, pinch off the tips to make them branching, and to strengthen the vine. Thin out the fruit if it is excessive. The remaining melons will thereby increase in size and ripen earlier. Do not plant near pumpkins and squashes, as they hybridize. One cusec for 60 hills; 2 to 3 lbs. in hills for an acre. See our Fertilizers, page 88.



**Emerald Gem Musk Melon.**—Too much cannot be said of the quality of this prolific Melon. The vines are strong and well set with fruit, which ripens early. The rind is thin, of a green color, and the seed cavity small. Almost the entire fruit consists of rich, luscious flesh of a delicate salmon color. Per oz., 25c.; pht., 10c.

**Early Neekensack.**—This is a selection of the popular Hackensack, but is a decided improvement, from the fact that they will produce melons almost equal the size, at least ten days earlier. In shape and color it is similar to the old Hackensack, the only difference being in its greater earliness, but this alone is sufficient to highly recommend it to all. Per oz., 25c.; pht., 10c.

**Osage.**—The Osage has brought higher prices in Chicago, as well as many other Western markets, than any other Musk Melon, and is considered by many the most profitable market variety in cultivation. It is small, nearly round, green fleshed, finely netted of rich, luscious flavor, gains friends with both growers and consumers, wherever tried. Per oz., 50c.; pht., 10c.

**BANANA MELON.**—A yellow-fleshed musk-melon, entirely free from netting. The rind is a delicate straw color, the flesh quite thick, and blends from bright green to a rich salmon in color, making a fine and striking contrast. It grows from two to three feet. It is early, prolific, quality equal to the common musk-melon, and has a powerful and delicious fragrance. When ripe it resembles one of an over-grown banana. Oz., 25c.; pht., 10c.



**MANGO MELON OR VEGETABLE PEACH.**—The Vegetable Peach is not only an excellent eating melon, and good for use in the same way as melons, but it forms an excellent substitute for peaches for making into pies, puddings, &c. The flavor after it is cooked can be distinguished from the peach. Will suit the Northwest, where fruit is scarce. Oz., 25c.; pht., 10c.

**Big View,** one of the largest musk melons in culture; very prolific; green and sweet. Per lb., \$1.00; 1/2 lb., 50c.; 2 oz., 25c.; 1 oz., 15c.; pht., 5c.

**Early Green Nutmeg,** green fleshed, highly scented, rich and juicy. Per lb., \$1.00; per 1/2 lb., 50c.; 2 oz., 25c.; 1 oz., 15c.; pht., 5c.

**Improved Cantaloupe,** a first-rate, early, large, round melon, sweet and of good flavor. Per lb., \$1.00; 1/2 lb., 50c.; 2 oz., 25c.; 1 oz., 15c.; pht., 5c.

**Montreal Improved Nutmeg,** a large melon, nearly round, deeply ribbed; flesh remarkably thick, light green, of delicious flavor. Per lb., \$1.50; 1/2 lb., 80c.; 2 oz., 40c.; 1 oz., 20c.; pht., 5c.

**Stuttman's Pile Melon,** form, roundish oval, flesh, deep green, sweet and richly perfumed, an early and delicious variety. Per lb., \$1.00; 1/2 lb., 50c.; 2 oz., 25c.; 1 oz., 15c.; pht., 5c.

**Olive Winter** (See Novels).

**BANANA MELON**

**Canaan or Persian,** large, pointed at the ends; fine flavor; green, thick fleshed. Per lb., \$1.00; 1/2 lb., 50c.; 2 oz., 25c.; 1 oz., 15c.; pht., 5c.



MONTREAL IMPROVED NUTMEG

MANGO MELON OR VEGETABLE PEACH

made eight inches deep, grow gradually clear the make them mild flavored. will be ready for use, and to 100 feet of drill.

is, like the Pig; per 15,



KOHL RABI

is in length, but is often bulky; per lb., \$2.00;



IA

extent for pickling; the seeds should be planted in the plants transplant.

Per 1/2 lb., \$1.00;

A pungent salad, thickly in rows and for use during the rains in houses, in the crop of seeds now thin out moderately

Per lb., 50c.; 1/2 lb.,

**DIAN CRESS**—The seeds, picked substitute for capers. Per lb., \$1.50; 1/2 lb., 75c.; 2 oz.,

Per 1/2 lb., \$1.75;

Per 1/2 lb., \$1.75;

**MELON, WATER**

The Melon of East... with a hot, sunny exposure, the Water Melon thrives best. Plant in hills eight to ten feet apart... To secure the largest fruit, have but one or two melons to a vine. One or two hills to a row.



**Mammoth Honey.**—This small, sweet, watermelon weighs from 10 to 15 lbs. each, and are almost round. Color of the skin is a medium dark green, while the flesh is of a brilliant red color, and absolutely stringless. The Melon has no hard core, and is of fine quality throughout, with a very thin rind. They ripen early, vines are very productive and strong growers. Per acre, 200; pt. 10.

**Golden Yellow.**—A new variety with beautiful golden yellow flesh, free from any tinge of white. The rind is deep red the white 1/2 to 1 inch in thickness. The flesh is granular in appearance, very juicy, sweet and of delicate flavor. It forms a pretty contrast to the red-fleshed sorts. Per ac., 200; pt., 10c.

**Melon, Black Spanish.**—Large, skin very dark or blackish green; flesh deep red, fine grained, very sugary and productive. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.

**Seminole.**—New.—In the illustration you will find a fair representation of the new Watermelon, "Seminole." It is extra early, enormously productive, extra large, and of most delicious flavor. It is of two distinct colors, gray and light green. The gray color predominates. Millions of both colors are found on the same vine. This is an entirely distinct and exceedingly delicious melon, and should be tested by all. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.

**Queen.**—The largest and finest variety grown; skin beautifully striped dark and light green; flesh is bright red, solid, luscious, crisp, sugary and unapproached in flavor; the rind is thin, vines strong, healthy and vigorous in growth. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.

**Queen of medium size.**—Skin light mottled green; flesh bright red, solid, crisp, melting and exceedingly sweet. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.

**Princess's Early.**—Flesh deep red, of very superior quality; early and productive; a valuable market variety. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.

**The Honey.**—Medium early; skin, black green in color; flesh, deep scarlet, very sweet; the rind is very thin and tough; very productive; considered by many to be the best table melon for family use. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.

**Mammoth Honey.**—Early, solid, sweet and delicious; skin, green, smooth; flesh, bright red, solid, crisp, melting and exceedingly sweet. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pt., 10c.



CURAN QUEEN

**ONION SETS**



**ONION SETS**

Who plant by the bushel, will please correspond for prices.

**White-Bottom Sets.**—By mail, postpaid, per bushel, 30c.

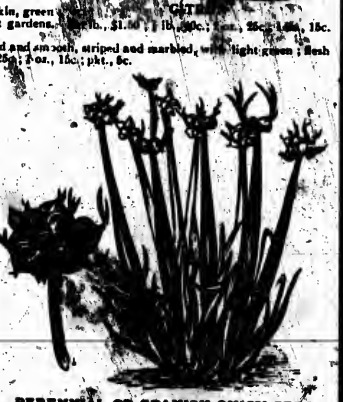
**Yellow-Bottom Sets.**—By mail, postpaid, per bushel, 30c.

**Potato Onions.**—By mail, postpaid, per bushel, 20c.

**White.**—By mail, postpaid, per lb., 15c.

**Yellow.**—By mail, postpaid, per lb., 30c.

**Spanish Onion Sets.** these are for fall planting, very hardy, and a great favorite, producing green onions in the spring before any other variety. Orders booked during spring, and will be forwarded in time for planting in the fall. Per lb., postpaid, 15c.; per peck, postpaid, \$1.00.



PERENNIAL OR SPANISH ONION SETS

CROP OF 18...

ON

from scullions of customers have

**Culture.**—The ground should be thrown in drills 14 inches apart, and the onions may be sown 100 feet apart. **Southport White.** **Southport Yellow.** **Denver Yellow.**

is an enormous acre with one great value. **Large Red White.** **White Porting.** **White Porting.**

While we onions from imp... for early use, the... ccs; we, however... growth, large size... from two to four... **Mammoth Onion.** early; shape... delicate, and... variety. Per...

Plant in hills eight  
feet apart. One set



representation of the  
most productive, extra  
large gray and light green.  
This can be tested by all. Per

Per lb., \$1.75; 1/2 lb., 50c.; 1 oz., 20c.; pkt., 5c.

Light green; fresh



ONION SETS



Fr., Onion: Ger., Zwiebel.

CROP OF 1890.

## PEDIGREE ONION SEED.

CROP OF 1890.

### ONION

We wish to call particular attention to our exceptionally pure and fine stock of **Onion Seed**. All the **Onion Seed** which we offer is of 1890 crop, and is unusually plump and heavy, and we have (as in our invariable custom) given the seed the most thorough "sprouting tests," as it is called, and find the germinating percentage to average exceedingly high. Our leading supply is Eastern grown, being the purest, earliest, and most free from scullions of any **Onion Seed** offered. From the very great care we have taken with this article, our trade has been yearly increasing, and our customers have been prize-takers in Onions for the past several years. Our seed this season is certain to give the same universal satisfaction. **It pays to sow our Onion Seed.**

**Culture.**—A light, loamy soil suits the onion best, and it may be grown for many consecutive years on the same ground. Previous to sowing, the ground should be well manured and deeply ploughed. Harrow and rake the surface smooth and even. As early in spring as possible, sow the seeds in drills 14 inches apart and half an inch deep, **sowing freely over the seed**. A cultivator may be used between the drills, being careful not to throw the earth too much over the crop. Weed the drills very carefully, and **never allow the weeds to get ahead of the young plants**. The onions may be pulled as soon as the tops are all down. Expose to the sun a few days to dry them off for storage or market. One ounce of seed will sow 100 feet of drills; four or five pounds to the acre for a crop.

**Southport Red Globe Onion** (See Novelty List).

**Southport White Globe** "

**Danvers Yellow Globe.** This is the best yellow onion grown. It is an enormous cropper, often yielding **600 to 800 bu.** per acre with ordinary care when soil and climate are propitious. The great value in the **Danvers Yellow Globe** is, beauty of form, delightful flavor, **splendid shipping and keeping qualities.** It is an excellent family onion. Our illustration shows a field of **Danvers onion seed**—the way it is grown for us in the East. Each head is large, full, and plump, **only carefully selected onion bulbs are planted**—the latter is a very important factor. Sow 4 lbs. per acre. Per lb., \$1.75; 1/2 lb., 50c.; 1 oz., 20c.; pkt., 5c.

**Extra Early Red.** Matures very early, yields abundantly, and is of mild flavor; medium size, deep red, close grained, solid and heavy; highly recommended, particularly for the north and north-west, as even there it will produce good-sized onions. Per lb., \$2.50; 1/2 lb., 50c.; 1 oz., 20c.; pkt., 5c.

**Large Red Wetherfield.** The staple variety, very productive, large size, deep red color, pleasant flavor, and an excellent keeper. Per lb., \$1.75; 1/2 lb., 50c.; 1 oz., 20c.; pkt., 5c.

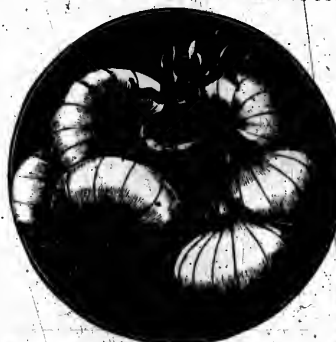
**White Portugal.** A handsome onion, of mild flavor, but not a good keeper; excellent for summer and fall use. Per lb., \$3.00; 1/2 lb., \$1.00; 1 oz., 30c.; pkt., 5c.

### ONION FOREIGN VARIETIES.

While we would not recommend the risking of a large crop of Onions from imported seed, the following will be found very desirable for early use, they have all been tested, and have proven a perfect success; we, however, give no guarantee as to their products; of quick growth, large size and mild flavor, many sorts making onions weighing from two to four pounds, from seed the first season.

**Mammoth Silver King.** One of the largest onions in cultivation; early; shape flat, but very thick; skin of silvery white; flesh mild, delicate, and of snowy whiteness; a handsome and very popular variety. Per lb., \$3.25; 1/2 lb., \$1.00; 1 oz., 35c.; pkt., 10c.

### NEW WHITE BARLETTA ONION.



The **New White Barletta** is something in the way of **White Queen**; but is at least three weeks earlier than that excellent variety. A decided acquisition. The skin is a beautiful waxy white; flesh very mild in flavor and snowy white. The bulbs average about one and a quarter inches in diameter, and are beautifully rounded and somewhat flattened at the top. We know of nothing better than this for a very early onion. Per lb., \$3.50; 1/2 lb., \$1.00; 1 oz., 30c.; pkt., 10c.

**Giant Yellow Roman.** A splendid large variety, globular shaped, bright brown skin and delicate flavor. Succeeds best in warm situations. Per lb., \$2.50; 1/2 lb., 75c.; 1 oz., 40c.; 1/4 oz., 25c.; pkt., 5c.

**New Queen of Wethers.** A new, small white onion, of fine flavor, quick growth, and good keeping qualities; excellent for pickling. Per lb., \$3.50; 1/2 lb., 1.00; 1 oz., 35c.; 1/4 oz., 25c.; pkt., 10c.

**Large White Italian Tripoli.** A new, early, large, beautiful, pure white, flat onion, of mild and excellent flavor. Per lb., \$2.50; 1/2 lb., 75c.; 1 oz., 35c.; 1/4 oz., 25c.; pkt., 5c.

**Small Silverskin.** A small French variety, used extensively for pickling; very early, white color, and mild flavor. Per lb., \$2.50; 1/2 lb., 75c.; 1 oz., 35c.; 1/4 oz., 25c.; pkt., 5c.

**Wethers' Red.** Skin reddish brown, and remarkably hardy; used for fall sowing. Per lb., \$2.00; 1/2 lb., 50c.; 1 oz., 25c.; pkt., 5c.

**Wethers' White.** Skin of a rose white, more tender and milder in flavor than the red; for fall sowing. Per lb., \$2.00; 1/2 lb., 50c.; 1 oz., 35c.; 1/4 oz., 25c.; pkt., 5c.

# PEAS



STRATAGEM

**FR. Feb; GR. Early.**—The soil best adapted for the Pea is a rich loam, well manured the previous year (see thoroughly decomposed manure, if any, immediately before planting.) For early crops sow as early in the spring as the ground can be worked, in drills 18 to 20 feet apart, and for a succession every two weeks until the first of July. When they are about two inches high, begin to draw the earth to the stems. Hoe often in dry weather. Peas should be soaked in water five hours before planting, and if the ground be very dry, should be watered in the hills. Market gardeners and canners will be supplied by the bushel at reduced rates. Add four cents to pound price for postage. 1 qt. for 75 feet of drill. 3 to 3 bushels in drills for an acre.

### EARLY SORTS

**Peas, "Our" Extra Early (3 feet), white doated.** This pea possesses all the qualities most essential for a first-class variety, being extra early and ripening with great uniformity. About 45 days from planting to the average time for gathering the crop. Per bushel \$3.00; 10 lbs., \$1.00; 5 lbs., 60c; 1 lb., 10c; pkt., 5c.

**Stiles' American Wonder (10 inches), green wrinkled.** One of the earliest; finest quality, productive and of dwarf compact growth; pods food rich and well filled. Per bushel \$3.00; 10 lbs., \$1.75; 5 lbs., 90c; 1 lb., 20c; pkt., 5c.

**Mellan's Advance (7 1/2 feet), a green, wrinkled variety, with broad long pods; of fine flavor and productive.** Per bushel \$3.00; 10 lbs., \$1.75; 5 lbs., 90c; 1 lb., 15c; pkt., 5c.

**Mellan's Blue Peas (1 foot), round blue seeds; a splendid bearer, of good flavor; one of the earliest.** Per bushel \$3.00; 10 lbs., \$1.75; 5 lbs., 90c; 1 lb., 15c; pkt., 5c.

**Mellan's Little Gem (1 foot), green wrinkled; very large and of a delicious flavor.** It is one of the earliest varieties. Per bushel \$3.00; 10 lbs., \$1.75; 5 lbs., 90c; 1 lb., 15c; pkt., 5c.

**Tom Thumb (9 inches), seed white, doated; remarkably dwarf and early, of excellent quality.** Per bushel \$3.00; 10 lbs., \$1.75; 5 lbs., 90c; 1 lb., 15c; pkt., 5c.

### LATE VARIETIES

**Stiles' Everbearing (7 feet), a late green wrinkled sort; very robust, well filled pods and of excellent flavor; branching habit; should be planted six inches apart.** Per bushel \$3.00; 10 lbs., \$1.90; 5 lbs., 95c; 1 lb., 15c; pkt., 5c.

### EDIBLE PODDED, OR SUGAR PEAS

This is a favorite class of Peas, with very tender edible pods: and for table use is served up after the manner of green beans.

**Extra Early Dwarf Brittany (3 feet), the earliest; pods long, somewhat 'bickle-shaped.'** Per lb., 25c; 1 lb., 10c; pkt., 5c.

**Large Crooked, or Solmitar (4 feet), large; often twisted, sometimes five inches long and one inch or more broad. The best.** Per lb., 25c; 1 lb., 10c; pkt., 5c.

**Pride of the Market** grows from slatber bushes to two feet high, and bears grand pods, well filled with large and finely-flavored peas. Its robust constitution, enormous productivity and superior appearance, insure its acceptance as a market favorite with the public. "The Gardener's Magazine" says they are certainly the most useful to amateurs not overburdened with space, and market growers who cannot well employ supports, for they require no sticks and are quite successful in production. Per bushel \$7.00; 10 lbs., \$2.50; 5 lbs., 12c; 1 lb., 20c; pkt., 5c.

**Champion of England (4 feet), one of the richest and best flavored peas grown; very productive.** Per bushel \$5.00; 10 lbs., \$1.80; 5 lbs., 90c; 1 lb., 15c; pkt., 5c.

**Stratagem (8 feet), a handsome wrinkled variety, of recent introduction, and one of the very best on our list; a heavy cropper and produces large, remarkably well-filled pods of excellent flavor.** Per bushel \$7.00; 10 lbs., \$2.50; 5 lbs., 12c; 1 lb., 20c; pkt., 5c.

**Telephoson (4 feet), wrinkled variety, of strong growth, a good cropper, bearing immense pods of large peas of exquisite flavor; a most profitable sort.** Per bushel \$7.00; 10 lbs., \$1.75; 5 lbs., 90c; 1 lb., 20c; pkt., 5c.

**Yorkshire Wonder (8 feet), wrinkled Pea; really quite early; delicious flavor.** Per bushel \$4.00; 10 lbs., \$1.50; 5 lbs., 75c; 1 lb., 15c; pkt., 5c.

**Mellan's Market Gardeners.** A grand wrinkled variety, coming in between Little Gem and Advance. The vines are uniformly two feet high, and very even and regular in growth. It is a prolific bearer, and has yielded more per acre than any other variety. The pods, although of medium size, are numerous, and are literally packed with peas of a delicious sweet flavor. Per bushel \$5.00; 10 lbs., \$1.80; 5 lbs., 90c; 1 lb., 20c; pkt., 5c.

**Glant (4 feet), pods transparent, yellowish green, very thick and fleshy, curved and much contorted, six inches long.** Per lb., 25c; 1 lb., 10c; pkt., 5c.

If you want to win the premium at your Fair next Fall, you need OUR SEEDS.

# PARSLEY

**FR. Parsil GER., Petritic.**—Soak the seeds a few hours in warm water, and sow very early in the spring, in drills 12 inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame. 1 oz. for 100 feet of drill.



### CHAMPION HOBBY-CURLED

**Champion Hobby-Curled,** very select stock; leaves beautifully crimped and curled, very fine for garnishing. Per lb \$1.00; 1/2 lb., 40c; 3 oz., 25c; 1 oz., 15c; pkt., 5c.

**Fine Tripple Curled,** a fine dwarfish, curled variety, hardy and slow in running to seed. Per lb., \$1.00; 1/2 lb., 25c; 3 oz., 15c; 1 oz., 10c; pkt., 5c.

# PARSNIP

**FR. Parsnis; GR. Pastinaca.**—1 oz. per 200 feet of drill; 5 to 6 lbs. in drills for an acre. Cultivate same as carrots.

**Parsnip, Long, Smooth or Hollow Crown,** best for general use. Per lb., 60c; 1/2 lb., 30c; 3 oz., 15c; 1 oz., 10c; pkt., 5c.

**Stupendous,** of fine sweet flavor; per lb., 60c; 1/2 lb., 30c; 3 oz., 15c; 1 oz., 10c; pkt., 5c.

PRIDE OF THE MARKET

The Seeds gave me the greatest satisfaction, having found them extremely profitable.

Sydney Albert Liddell, Fairview Farm.



We send free by mail, at Catalogue prices, all seeds printed by the packet, ounce or quarter pound, post-paid. When ordering Peas, Beans and Corn by the pound, four cents per lb. must be added to prepay postage, to prevent it being deducted from amount sent.

SO

NEW JAPANESE

This remarkable will unquestionably our pie and very thick, as very small in size, fine grained, of same taste and They ripen early. The seeds are in Japanese cherries that pies made out eggs, are made from any. Oz. 25c; pkt., 10c.

THE BEST VARIETY GROWN RICH TENDER SWEET PRODUCTIVE

WE GUARANTEE



# SOME PUMPKINS



Gen. Kuroki,  
Pa., Courge.



## NEW JAPANESE PIE-PUMPKIN

This remarkable variety comes from Japan, and will unquestionably prove a valuable addition to our pie and cooking pumpkins. The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin, unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes. They ripen early, keep well and produce well. The seeds are peculiarly marked and are of Japanese characters. We will venture to say that pies made from the Japanese Pumpkin, without eggs, are fully as good or better, than pies made from any other variety when eggs are used. Oz. 20c.; pkt., 10c.

## PROOOPS GIANT PEPPER



...the ... of the ... to a very large size. The ... in our illustration. They are a ... fully one-half inch in thickness. In ... just hot enough to be pleasant to the ... from 6 to 12 perfect fruits, from 10 in. ... 2 in. thick. Oz. 10c.; pkt. 5c.

## JUMBO OR MAJORITY KING

Grows an immense size; rind resembling the squash. Flesh thick and sugary; fine for table use. Per lb., \$2.00; 1/2 lb., 60c.; 2 oz., 25c.; 1 oz., 20c.; pkt., 10c.  
**Manhattan or Negro.** This variety is exceedingly prolific; color dark green, on this account is known as the "Negro Pumpkin." Has a hard shell. One of the sweetest pumpkins known. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Sugar,** medium in size, thin skin, thick, solid flesh; very fine in grain, and of excellent rich flavor; one of the finest varieties in cultivation for cooking purposes. Per lb., \$1.50; 1/2 lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Large Yellow Field,** very large; useful for stock feeding. Per lb., 25c.; 1/2 lb., 10c.; pkt. 5c.  
**Large Cheese,** size large; skin reddish orange; flesh thick, fine and sweet. Per lb., \$1.00; 1/2 lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

## PEPPER

**Fa., Piment; GER., Pfeffer.** The Pepper is much esteemed for its seasoning qualities, and is extensively used for pickling. The seed should be sown early, so be ready for transplanting when the weather becomes warm. Plant 10 inches apart and keep well hoed; hen or other bird manure hood in with the earth when the plants are 6 inches high, will greatly increase the product. Select light warm ground.  
**Large Red or Bell,** of large size, sweet and pleasant, rind thick and tender. Per oz., 40c.; pkt., 5c.  
**Long Red Cayenne,** fruit brilliant coral red, conical, intensely pungent and productive. Per oz., 40c.; pkt., 5c.  
**Red Chili,** small, cone-shaped, very pungent. Per oz., 40c.; pkt., 5c.  
**Sweet Spanish or Mountain,** a large and early variety, mild and pleasant; less pungent than some varieties. Per oz., 40c.; pkt., 5c.

## NEW: CELESTIAL: PEPPER



One of the worthiest novelties of the past seasons. Not only one of the most useful varieties, but it is also one of the most handsome plants for decorative purposes, of compact habit, 2 1/2 feet in height, bearing fruit in immense numbers, as shown in the engraving. Each pepper is beautifully variegated with bright golden and deep red, sometimes striped; are immensely productive; it is quite hardy and easily grown. We strongly recommend it; you will be satisfied with the result. Oz., 50c.; pkt., 5c.

WE GUARANTEE that all Seeds, Bulbs, Plants, Etc., ordered from us, shall reach the Purchaser safely and in Good Condition.

TELEPHONE  
 satisfaction, having  
 Fairview Farm.  
 RICH  
 TENDER  
 SWEET  
 PRODUCTIVE  
 ordering Peas  
 in amount con...

# RADISH

*Fr., Radis, Rave, Fette Rave, GER., Rettig, Radischens.* Radishes thrive best in a light, sandy loam; heavy or clay soils not only delay their maturity, but produce crops much inferior both in appearance and flavor. For a successive supply, sow about the middle of March until September, at intervals of two or three weeks. For an early supply they must be sown in a hot-bed in February, care being taken to give plenty of ventilation, otherwise they will run to leaves. 1 oz., for 100 feet of drills; 5 to 10 lbs., in drills for an acre.

## NEW ROSE



This wonderful new radish has won golden opinions in all sections of the country. The illustration is perfect and will give some idea of their great beauty. It is the earliest radish in cultivation. The shape is perfectly globular, with rich deep scarlet top blending into pure white at the bottom; exceedingly tender, crisp and delicious, never becoming hollow or pithy. Equally desirable for either the market or the home garden, and should be planted by everybody. Per lb., \$1.50; ½ lb., 80c.; 2 oz., 50c.; pkt., 10c.



OLIVE-SHAPED WHITE TIPPED OR FRENCH BREAKFAST

**Half Long Deep Scarlet**, distinct in color of skin and shape of the root, which is somewhat of the olive-shaped type, but more elongated, and terminates in a longer and finer point. Per lb., 75c.; ½ lb., 40c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Long Scarlet**, standard variety; grows long; of brilliant scarlet color; Per lb., 80c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Wood's Early French**, excellent for cultivating under glass; very early, in shape between Olive and Long. Per lb., 75c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

## WINTER VARIETIES

**California Mammoth White**, introduced into California by the Chinese; eight to twelve inches long, and from two to three inches in diameter. Per lb. \$1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt. 5c.  
**Long Black Spanish**, large, skin black, flesh firm and white. Per lb., \$1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.  
**New China**, this is of excellent quality, and is certainly one of the best varieties for winter use. Per lb., \$1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.  
**New China White**, stamp rooted, very like Nantes carrot, six inches long; fine for winter. Per lb., \$1.00; ½ lb., 30c.; 2 oz., 15c.; pkt., 5c.

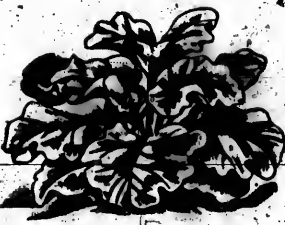


CALIFORNIA MAMMOTH RADISH

**Charlier's Improved**, a very distinct variety, and of quick growth; in color, deep pink or crimson above, and gradually blending into a pure white to its root. In quality it is unsurpassed, being very tender, and remaining so for a longer period than most other summer sorts. Per lb., 75c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early Scarlet, Turnip-rooted**, round, about an inch in diameter; very early and of excellent flavor. Per lb., 90c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early Scarlet, Turnip-rooted, White Tip**, similar in size and color to the Scarlet Turnip, but with a white tipped root. Per lb., 75c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early White, Turnip-rooted**, similar to preceding in shape, but a few days later. Per lb., 60c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early Long Carrot, Short Top**, long, of a deep scarlet color; flesh white, crisp, and of excellent flavor. Per lb., 60c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early Scarlet, Olive-shaped**, very early; an excellent gardener's sort, for early forcing. Per lb., 75c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early Scarlet, Olive-shaped, White Tip, or French Breakfast**, fine early variety; very crisp and tender; good for forcing. Per lb., 75c.; ½ lb., 35c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.  
**Early White, Olive-shaped**, like the preceding, except in color, which is pure white. Per lb., 60c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.



CHARTIER'S IMPROVED



# RHUBARB

*Fr., Rhubarbe; GER., Rhabarber.* Sow in April, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots; it may be done either in the fall or spring, planting it the same distance apart as given above.  
**Johnston's St. Martin**, the finest and one of the earliest of all Rhubarbs; an enormous size; the flavor is superior, and requires less sugar than any other varieties; in color delicate pink. Per ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.  
**Myatt's Linnæus**, a second early sort, with very long, thick, roundish stalks; of a deep green color, and of excellent flavor. Per ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.  
**Victoria**, a later kind than the preceding; stalks red, very thick, large, tender, and of good quality. Per ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

(RHUBARB ROOTS.—Good strong stock.)

Johnston's St. Martin, the most flavored and the best, each 25c.; per doz., \$2.50

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# A New Extra Early Potato

## BURPEE'S EXTRA EARLY OR No. 37

**D**ISTRIBUTED for advance trials as Van Orman's Seedling No. 37 this distinct new Potato will hereafter be known as **Burpee's Extra Early**. Thoroughly tested by several thousand growers throughout America and England, it has proved itself from ten days to two weeks earlier than *Early Rose*, *Beauty of Hebron*, *Early Fortune*, *Polaris* etc., while fully one week earlier than the *Early Ohio* and nearly twice as productive. The Potatoes are uniformly of good size, entirely free from the rough or scabby tubers, with very few small ones; oblong in shape, very smooth, eyes set well on the surface, skin creamy white slightly shaded with pink, the flesh is pure white, remarkably fine-grained, and of the very best table quality. The tubers grow very compact in the hill, with strong vigorous foliage, of intense dark green; is a true cropper, immensely productive, and will undoubtedly become the standard extra early Potato of the near future.

Had we space in our Catalogue to publish the reports and testimonials received from all sections, our stock of **Burpee's Extra Early** would probably be exhausted within a few weeks after publication of this Catalogue. In order, however, thoroughly to substantiate the claim made for this distinct new Potato, we here publish a few of these testimonials and reports, which will be of interest to those desiring to obtain the earliest and most productive of all early Potatoes.

**PRICES OF BURPEE'S EXTRA EARLY.** As long as our supply lasts, we will fill orders at the following prices: **Per pound, 20 cents; 5 pounds for \$1.00, postpaid, by mail.** By express or freight, purchaser to pay transportation charges upon receipt of the potatoes, **one-half bushel 75 cents; per bushel, \$1.50; one-half barrel, \$2.00; per bushel, of 50 pounds, \$4.00, per barrel, of 100 pounds, \$16.00.** We reserve the right, when our stock becomes reduced, to decline orders for more than one-half bushel, and return the balance of the money. We desire to have this Potato distributed as widely as possible, and hence our customers who want small quantities can rely upon having their orders filled, and those who want a bushel or barrel must not be disappointed should their order reach us too late.

THE  
COMING  
EARLY  
POTATO



INVEST  
NOW  
IT WILL  
PAY YOU

**JOHN COLBERT**, Sept. 18, 1890, writes:—*Seedling No. 37 (BURPEE'S EXTRA EARLY)* is so superior to anything in the potato line, that I will say it is *matchless*. In my experiences with potatoes, I have tried all the leading varieties, and found none to equal *Seedling No. 37*. It is earlier than the famous *Early Rose* and *Triumph*, and considerably better in quality. We cooked one meal to taste them, and they were pronounced by all to surpass any we ever ate.

**Geo. F. MONTGOMERY**, Oct. 14th, 1890, writes:—I planted *No. 37* Potato on April 18th, and on June 1st they were in bloom. I planted *Early Rose*, *Clark's No. 1*, *Early Beauty of Hebron* and *Polaris* the same day, and *Seedling No. 37* was three weeks earlier than any of the others. I have planted all the early varieties of potatoes during my 40 years of farming, and I can truly say that the *Seedling No. 37* is ahead of anything I ever planted. When cooked they are meaty and delicious. It is a thrifty grower and a good yielder, nearly one-third more than any I have planted. Some of the tubers weigh 1½ pounds each.

**C. R. PADDOCK**, Oct. 4th, 1890, writes:—*Seedling No. 37 (BURPEE'S EXTRA EARLY)* produces a strong, hardy and vigorous plant, with short, strong, erect stalk, densely covered with the most magnificent coat of dark green, glossy foliage of any variety I ever cultivated. With equal advantages it exceeded all varieties with us this season, among which are the *Early Ohio*, *Early Rose*, *Potatoes and Peach Blossom*. The latter we have cultivated for 20 years consecutively. Of the 118 eyes, 118 sprouted and lived through the season, and produced 100 pounds of potatoes. In quality, *Seedling No. 37* is simply "par excellence." In color, pure milk white, slightly tinged with cream color when cooked, which only betrays its absolute richness. In flavor it is very pure, leaving no unpleasant taste in the mouth, as some varieties do. In shape it is long, oval, skin very smooth and clear, and free from scab, which seriously affects many varieties. Eyes distinctly drawn, but not deep, almost on the surface. As to earliness, it was one week earlier than the *Early Ohio*, and about ten days earlier than the *Early Rose*. The tubers are large, remarkably even in size, and grow compact in the hill. It is the smoothest and handsomest potato I ever saw. Cleanest of scab, and is dry and mealy when baked or boiled. In short, I consider it the *crème de perfection*.

**Geo. BOWMAN**, writes:—I planted your *No. 37* on the 23rd day of April, in moderately rich soil. The growth presented itself in a surprisingly short space of time, outstripping the *Early Vermont*, and ripened about two weeks earlier. I consider it the earliest potato on the market. In quality, *No. 37* is of very fine grade, making it "par excellence" for table use, either boiled or baked, which, in my judgment, gives it a thorough test. The potatoes are all smooth, giving them a very winning aspect. It is a very robust grower, remarkably so, having strong and vigorous foliage, able to stand more heavy wind without breaking down than any I have yet seen. The tubers grow very compact in the hill, thereby making it a very desirable potato for digging.

**Mrs. JAMES WILSON**, Oct. 14th, 1890, writes:—For fear of frost I waited two weeks later to plant my *No. 37* Potatoes than I did both the *Early Rose* and *Early Ohio*, and gave them the same cultivation I did the other varieties, no extra work, and from the pound I raised 42 pounds, and in the whole lot I only had one potato that had a bump on it, the rest were all large and smooth. They are quick croppers, dry and mealy, and after being planted two weeks later than the others, made themselves about eight days earlier. We would have had a larger yield but for the moles.

**T. W. FARRER**, Sept. 16th, 1890, writes:—*Seedling No. 37 (BURPEE'S EXTRA EARLY)* was planted at the same time as *Early Rose* and *Early Beauty of Hebron*, but was ready for use at least ten days earlier than either, and there was not a rotten potato in the lot. *No. 37* was far ahead in yield, and I raised 94 pounds of nice large potatoes from the one pound. They are smooth and large, one potato weighing nearly one pound. I think they will go ahead of any potato ever introduced, and would suggest the name "*Such-no-further*," for no better can be found than *Seedling No. 37*, either for yield or quality. They cook quick and evenly, are very dry and mealy and of excellent taste. They are of a strong, vigorous growth, rich foliage, with medium heavy stalks, with the potatoes growing in a cluster close to the parent stem.



**BREAKFAST**  
skin and shape of  
d type, but more  
point. Per lb.,  
5c.  
of brilliant scarlet  
color, 10c; pkt., 5c.  
planting under glass;  
Per lb., 75c.;  
California by the  
two to three inches  
1 oz, 15c; pkt. 5c.  
firm and white.  
15c.; pkt., 5c.  
certainly one of  
1.00; ½ lb., 30c.;



Wanted carrot, six  
lb., 20c.; 2 oz.,  
5c.  
Sow in April,  
out the same dis-  
tance high. In fall,  
any. If propaga-  
the same distance  
enormous size;  
delicate pink. Per  
of a deep green  
of good quality.





**SPINACH** Fr., *Spinard*; Ger., *Spinat*. Sow in good rich soil, in drills one foot apart, covering the seed one inch deep, at intervals of two weeks from April to July. For winter use, sow in August, and protect with a covering of straw during cold weather. 1 oz. to 100 feet of drill, 1 1/2 lbs. per acre.

**Blood-red Savoy-Leaved**, a variety highly popular among market gardeners of Philadelphia. The leaf of this variety is similar in the same manner as the Savoy Cabbage. It is the heaviest of all the spinach family, and produces nearly twice the weight of the old varieties in crop. One of the best for family or market use, the leaves being very numerous and succulent. 1 lb. 60c.; 1/2 lb. 30c.; 3 oz. 15c.; 1 oz. 10c.; pht. 5c.

**Flanders**, a large, broad-leaved, hardy variety, very productive, and good for either fall or spring sowing. For lb., 60c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**Round Dutch Leaved** German, an excellent, productive and hardy variety. For lb., 60c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**Large Blood-red**, an improved strain of the Round Leaf variety, but stands much longer before reaching to seed. For lb., 60c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**Nonpareil** Improved Improved variety, resembling the preceding, in the shape of its leaves, but in much larger size. For lb., 60c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**Privately or Public**, one of the heaviest and most generally used for fall sowing. For lb., 60c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**SALSIFY OR VEGETABLE OYSTER**

Fr., *Salsifis*; Ger., *Afstrommel*. A delicious vegetable with an oyster flavor when cooked. It may be either stewed, boiled or fried, and is also sliced raw in vinegar, and used as a salad. Sow early in spring, in a deep, mellow soil, in drills 18 inches apart, covering the seed 1 or 2 inches deep. When large enough, thin to 6 inches apart.

**Salsify, Vegetable Oyster.** For lb., \$2.00; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 20c.; pht., 5c.



**SANDWICH ISLAND SALSIFY**  
**Sanwich Island Salsify**. A superior variety. For lb. \$2.00; 1/2 lb., 70c.; 3 oz., 40c.; 1 oz., 25c.; pht., 5c.

**SQUASH** Fr., *Courge*; Ger., *Kurbis*. It is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth. Prepare hills for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants. 1 oz. for 80 hills; 5 to 6 lbs. in hills for an acre.



**SUMMER VARIETIES**

**Golden Bush Scalloped**. Deep orange color, grown almost exclusively for first crop; esteemed for earliness. For lb., 50c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**White Bush Scalloped**. Like the above, except in color, which is creamy white. For lb., 50c.; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**Summer Crookneck**. The richest summer squash; very early and productive; fruit orange-yellow, covered with warty excrescences. For lb., \$1.00; 1/2 lb., 30c.; 3 oz., 15c.; 1 oz., 10c.; pht., 5c.

**Pear-Shaped** Group. Fine for summer and winter use; cream white in color, thin skin with the golden, delicately veined flesh, just the size 10 to 8 inches in diameter for family use. For lb. \$1.00; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.



**"Peeper's Peeler," or "Bitters"**. A new and distinct variety. The shell is hard and heavy, very thin, smooth and of a pale green color; flesh thick, bright orange color, with a delicate rich flavor peculiarly its own. For lb. \$1.50; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.

**AUTUMN AND WINTER SORTS**

**Eastern Marrow**. A good, tender, rich variety, for fall and winter; color, rich orange; very productive. For lb., \$1.50; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht. 5c.

**Great Hybrid**. This is not only one of the richest flavored, finest grained and sweetest of all the Squash family, but one of the very best keepers. The flesh is very thick, rich in color, and solid; exceedingly productive, very early and of rapid growth. For lb., \$1.50; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.

**Marshall's**. More largely grown as a late sort than any other; of large size, both the greatest, dry and of excellent flavor; one of the best. For lb., \$1.00; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.

**Massachusetts Honey**. Grows to a large size, when weighing over 200 pounds, very productive, excellent for all uses; very profitable for seed. For lb., \$2.00; 1/2 lb., 70c.; 3 oz., 40c.; 1 oz., 25c.; pht., 5c.

**Marshall's**. An excellent early squash; good keeper; dry, sweet and delicious; the skin is very hard and light blue in color. For lb., \$1.50; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.

**Pine Apple**. A fall and winter sort. The skin is of a creamy white, with flesh of same color, fine grained and excellent quality, having a rich cream-sour flavor. A very prolific variety, yielding from five to eight bushels to each vine. For lb., \$1.50; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.

**Turkey or Turkey's Tail**. A good fall and early winter variety; greenish in color, and when fully grown it then resembles a turkey. For lb., \$1.50; 1/2 lb., 60c.; 3 oz., 30c.; 1 oz., 15c.; pht., 5c.



**Marshall's** (Vegetable Marrow)  
**Marshall's Vegetarian Marrow**. Fruit oblong in shape, 10 to 16 inches long 4 to 5 inches in diameter; skin smooth and of a pale green color; flesh white, soft and rich flavored. Plant 2 feet apart. For lb., \$2.50; 1/2 lb., 80c.; 3 oz., 40c.; 1 oz., 25c.; pht., 5c.

**Large Winter Squash**. Skin smooth. Fruit longer than preceding; color creamy white, and flesh of good quality. A profitable market sort. For 1/2 lb., 75c.; 3 oz., 40c.; 1 oz., 25c.; pht., 5c.

**Marshall's** (Vegetable Marrow). A distinct variety. Fruit slightly narrower at the neck and skin very smooth, of a dark green, mottled with yellow or paler green, exceedingly tender and delicately flavored. For 1/2 lb., 75c.; 3 oz., 40c.; 1 oz., 25c.; pht., 5c.



# TOMATO

**Pr. Tomato.**—One, *Lobloche*.—1 ea., for 1,000 plants; 1 lb. (to compare) for one cent. This vegetable is now perhaps one of the most important of all garden products. The seed should be sown in a hot-bed or greenhouse when a temperature of not less than sixty degrees is kept, until the first week in March. In about five weeks apart and half an inch deep or broadcast, if indoors. When the plants are about five inches high they should be set in larger sheds, beds, four or five inches apart, or sown into small pots, allowing a single plant to a pot. When transplanted a second time into larger pots, they are more sturdy and bear better. About the end of May the plants may be set in the open ground. They are planted for early crops on hills, nearly so, in a distance of three feet apart, in hills with a good amount of ripened manure had been mixed. On heavy soils, which are not raised, or on sandy soil, they should be spaced four feet apart. Water freely at the first transplanting, and shelter from the sun a few days until the plants are established. Excellent plants for a small garden may be obtained by sowing a few seeds in a shallow box or flower pot, and placing it in a sunny window of some of the houses. Tomatoes will always produce greater crops and be of better flavor, than raised up, or when trained against walls or fences. The following varieties are the very best in cultivation.

## NEVER VARIETIES

**Canton Queen.**—A fine quality yellow sort. It is solid, very smooth, free from ridges, large in size, ripens up early, and is a very handsome Tomato, in fact by far the most beautiful yellow variety ever seen; the larger and riper fruit are frequently tinged with red at the blossom end. None are better for preserving or slicing; the blossom end yellow alone makes a beautiful coloring in a dish with red Tomatoes. A distinct yellow sort. Price, per lb., 50c; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 10c.

## VOLUNTEER TOMATO

An early Tomato, of most attractive color and uniformly good size, averaging six to eight ounces. Of perfect form; a continuous and productive bearer; ripens well to the stem, and is entirely free from hard core. It has been tested thoroughly, and is considered by many an ideal Tomato. Per lb., 50c; 1 lb., \$1.00; 2 ea., 50c; 1 ea., 50c; per pkt., 10c.

**Livingston's New Potato Leaf.**—Another fine new Tomato, somewhat like the great firmness and solidity, and in this respect it is equalled by any other variety. It is named Potato Leaf, in consequence of its having upon a very peculiar leaf, being whole, not cut or divided like the leaves of ordinary kinds. In this respect it resembles the *Milano* or *Turner Hybrid*, but while this fruit is not quite so large as those, has large enough for all purposes, it is far smoother, equaling the old standards, *Arnie* and *Paragon* in this respect. A second early, and is ever bearing until killed by frost, has a strong vine, is an excellent variety for growing on trellis or tying up to stakes. Best suited for family gardens. Price, ea., 50c; per pkt., 10c.

**THE NEW "PEACH"**  
A wonderful Tomato, and in appearance resembles a peach. The old variety called "Peach Tomato" was in no way like the "New Peach," as the former only resembled a peach in size, while the "New Peach" is similar to many peaches not only in size, but shape, color, and general appearance, seeming to have the true bloom or part of a peach upon its surface. This gives it a peculiarity that is found in no other variety. Its equal in delicacy of flavor does not exist in the Tomato family. For exhibition purposes it is very desirable, and we believe it will please our customers very much. Price per ea., 50c; per pkt., 10c.

## OLD SORTS

**Acme.**—Early, medium size, perfectly smooth, solid, and productive. Color, crimson with a purplish tinge; per lb., \$2.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.  
**General Victor.**—Very hardy and early. Symmetrical in shape, solid rich flavored and prolific; color bright red; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Early Conqueror.**—One of the very earliest for first crop; fruit of good size and uniform in shape; scarlet crimson color; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**General Grant.**—A superior variety; fruit large, very regular; color brilliant glossy crimson; flesh firm of fine quality; ripens rapidly and thoroughly; per lb., \$2.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Large Smooth Red.**—Smooth and nearly round, somewhat flattened; color bright red; solid and productive; per lb., \$3.50; 1 lb., 75c; 2 ea., 40c; 3 ea., 25c; per pkt., 5c.

**Livingston's Beauty.**—One of the best; fruit borne in clusters, round, smooth, and of a glossy crimson color, slightly tinged with purple, very solid, free from cracks and rot; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Livingston's Favorite.**—One of the largest and most perfect shaped Tomatoes grown; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Optimus.**—Produces fruit of medium size, smooth and solid; flesh, scarlet crimson and of finest flavor; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Milano.**—Very large and early, perfectly solid and generally smooth; color, purplish red. A good sort, per lb., \$2.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Paragon.**—Resembles the Acme in form and size; color bright glossy crimson; medium early; fine fleshed, and ripens very evenly; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Perfection.**—Very early, of a blood-red color; perfectly smooth; ripens uniformly, and bears abundantly till frost comes; remarkably free from seeds, solid, bears transportation well, and unexcelled in eating; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.

**Trophy.**—An old favorite for general home use, surpassed in flavor and productivity; per lb., \$3.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.



**General Grant.**—A superior variety; fruit large, very regular; color brilliant glossy crimson; flesh firm of fine quality; ripens rapidly and thoroughly; per lb., \$2.00; 1 lb., \$1.00; 2 ea., 50c; 3 ea., 50c; per pkt., 5c.



## NEW DWARF CHAMPION

A new and distinct variety, stands well up even when loaded with fruit, in consequence of having a strong, bushy stem. The foliage is very thick, of a dark green color, leaves thick and different from other sorts. It produced ripe fruit long seasons by 1st July. The crops ripens up early and sweetly; a good producer; fruit smooth, medium in size and similar in color to the Acme. Price, per ea., 50c; per pkt., 10c.



## PRESERVING AND PICKLING SORTS

**Strawberry or Barbadoes Cucumber.**—A distinct variety; the fruit has a juicy pulp, of a pleasing, strawberry-like flavor, with a certain degree of sweetness and acidity intermixed; with the addition of lemon juice it is frequently preserved like pickles; per ea., 50c; per pkt., 10c.  
Four-shaped, yellow, 10c; Red Currant, 10c; Red Apple, 10c; Yellow Cherry, 10c; Red Cherry, 10c; Yellow Plum, 10c.

Large White...  
Red Top...  
White...  
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EXTRA EARLY MILAN TURNIP

**Large White Globe, Strap-Leaf**, flesh white, firm and crisp; a very desirable variety. Per lb., 70c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Red Top, Strap-Leaf**, an excellent table sort, rapid grower and mild flavor. Per lb., 60c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Leaves Purple Top, Strap-Leaf**, an excellent variety for the garden or field; medium size. Per lb., 50c.; 1 lb., 15c.; pkt., 5c.

**White Skin Wonder, or Nivolo Disk**, very early, small top and sweet; a hot flavor. Per lb., 50c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Sweet Swede**, partakes largely of the nature of a Swede, and should be sown a month earlier than the flat Turnip. The flesh is white, hard, firm and sweet, and it keeps nearly as well as a Swede Turnip. Per lb., 60c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Orange Jersey or Golden Ball**, skin bright yellow, flesh firm, sweet and delicious; a good keeper. Per lb., 50c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Mammoth's Swede**, this is undoubtedly the finest Swede for table use; firm, juicy, and of exquisite flavor when a shred. Per lb., 60c.; 1 lb., 15c.; 2 oz., 10c.; pkt., 5c.

# TURNIP

*Fr., Novel; Can., Fed.* Turnips for early use may be sown as soon as the ground opens in spring. For fall and winter use, sow the seeds from July to the middle of August; if they may be sown either broadcast or in drills. The best crops can be raised from drills 18 inches apart, and the plants thinned six inches apart. Three pounds of seed will sow an acre.

## BURPEE'S BREAD STONE TURNIP

The illustration shows the shape of these Turnips; they are of medium size, very quick-growing, and the roots are very smooth and white, with faint green top. The flesh is perfectly white, fine grained and cooks in only fifteen minutes; remarkably tender, very sweet. It is the finest Turnip for winter and spring use we have ever seen. Per lb., \$1.50; 1 lb., 60c.; 2 oz., 35c.; 1 oz., 15c.; pkt., 5c.

**Early Flat White Bushels, Strap-Leaf**, size medium, of quick growth, juicy, excellent quality. Per lb., 50c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Turnip, Extra Early Milan**, a new, very white, strap leaf, purple top variety, medium in size, smooth and flat-shaped. Per lb., \$1.00; 1 lb., 50c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Early White Globe, or Snow-ball**, a fine garden variety; globe-shaped, medium sized, firm texture. Per lb., 50c.; 1 lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

**Jersey Navet**, roots long, white, nearly cylindrical, but swollen at the lower end, which is quite round; one of the very best for forcing, but should be used before growing too large. Per lb., 75c.; 1 lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.



# TOBACCO



The seed should be sown as early as possible after the danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring, on the ground intended for the seed-bed; then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows six feet apart each way, and cultivate thoroughly with plow and hoe.

**Connecticut Seed Leaf**, one of the best varieties for the Canadian climate, being comparatively hardy. Per oz., 50c.; pkt., 10c.

**Havana**, an early variety, and the best of the Americanized Havana. Our seed is of exceptionally fine quality. Per oz., 75c.; pkt., 10c.

# HERBS-SWEET, POT AND MEDICINAL



Herbs delight in a rich, light soil, which should be nicely pulverized before planting. Sow in shallow drills, and thin to a few inches between the plants. Cut on a dry day, before they have come into full bloom. Dry in the shade, and pack in bottles or boxes, in a dry room.

	Per oz.	Per pkt.		Per oz.	Per pkt.		Per oz.	Per pkt.
Anise	20	5	Cemotile	75	5	Horhound	40	5
Balm	40	5	Coriander	10	5	Lavender	30	5
Basil, Sweet	40	5	Dandelion	75	5	Penny Royal	10	5
Borage	20	5	Dill	100	5	Pot Marjoram	60	5
Catnip	75	5	Fennel	20	5			
Marjoram, Sweet	\$4.00	\$1.25				Sage	\$2.50	\$4.75
Pot Marjoram						Savory, Summer	75	75
						Rosemary		50
						Thyme	5.00	1.75
						Wormwood		50

## MAMMOTH RUSSIAN SUNFLOWER



MAMMOTH RUSSIAN SUNFLOWER

The Giant of all Sunflowers. Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. In fact there is no waste whatever in any of its product. Per lb., post-paid, 20c.; 1/2 lb., 10c.; pkt., 5c.

# OUR SELECTED FARM SEEDS

## ROOT CROPS FOR FARM STOCK

We hold a very Large and Well-Assorted Stock of Agricultural Seeds of the Most Reliable Quality

**AGRICULTURE** in its various branches is the life and stability of our vast Dominion. The wealth and fame of Canada is increasing every year, chiefly from the products of the soil, and in no small degree has the high standard and quality of the seeds used in the production of its cereal and root crops contributed towards this end. No country under the sun produces finer wheat and other grains, while its root products compare second to those of no other country.

We, as Canadian seedmen, have been constantly endeavoring to procure and supply our customers with the finest and most perfect strains of Seeds, in this department, that the world produces, and we have the satisfaction in knowing that our endeavors are every year being more appreciated and realized by the continuous increase and demand for our Seeds, and which is the strongest evidence we can offer.

**Agricultural Seeds by Mail.**—Our postal arrangements enable us to forward parcels under five pounds weight to any Post Office in the Province of Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island, Manitoba, British Columbia and the North-West Territory, at four cents per pound. Any number of packages can be sent to one address by mail. Do not forget to add the postage.

When ordered in quantity for shipment by freight or express, please add sufficient to cover cost of bags, at the rate of twenty-five cents each. When this is omitted, we require to reduce quantity sent to cover cost of packages, as profits would not allow such a discount.

**Conditions of Sale.**—The Steele Bros. Company take every precaution to supply reliable seed, but give no warranty, expressed or implied, as to germination, quality, productiveness, or any other matter of seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the seed. All Seeds bought from them must be accepted on these conditions or returned.

**SUGAR BEET** White Strain Sugar Beet is quite extensively grown in this country, and is employed almost exclusively as food for stock, more especially milk cows. Skin white, washed with green; flesh white, crisp and sugary. It is cultivated in all respects as the Long Red Mangel. Sow 5 or 6 lbs. per acre. Price, 10 lbs. or over 20c.; per lb., 25c.; ½ lb., 10c.

**RAPE (OR COLE)** Rape, Broad-Leaved Dwarf Head.—Extensively cultivated for colling purposes; as a feeding plant the yield is abundant, and is very nutritious—nearly all animals are fond of it. The Ontario School of Agriculture, Guelph, recommend the use of Rape very strongly, especially as food for sheep, and contend that the farmers of the Dominion do not sow it to the extent they should do. Sow in May, either broadcast or in drills; 2 to 4 lbs. in drills; 4 to 6 lbs. broadcast; per lb., 10c., or 14c. postpaid. Special quotations for large quantities.

**KOHL RABI.** The Kohl Rabi affords most excellent food for cattle, sheep or pigs, and will stand extreme drought, and is not injured with a slight frost. Carefully harvested and stored it will keep equal to Swede Turnips, and when fed to milk cows, does not impart the "turnip" flavor to milk.

See page 56 for description and mode of cultivation.

**Early White Vienna.**—Per lb., \$2.00; ½ lb., 60c.; or, 20c.; pkt., 5c.

**Early Purple Vienna.**—Per lb., \$2.00; ½ lb., 60c.; or, 20c.; pkt., 5c.

**CARROT** Sow seed in drills, eighteen to twenty-four inches apart, from the middle of April to the first of June, and when about three inches high thin out from four to six inches apart. Two to three pounds is the usual quantity per acre.

**Note.**—Our stock of Carrots is all cleaned, rubbed seed, and can be sown as easily as turnip.



LONG ORANGE.

**Danvers Orange.**—A valuable variety for field culture; intermediate in length, large at shoulder and tapering to a point; per lb., 20c.; ½ lb., 25c.; or, 10c.; pkt., 5c.

**James' Scarlet Intermediate.**—Very smooth and tapering regularly to a point; second early; per lb., 20c.; ½ lb., 25c.; or, 10c.; pkt., 5c.

**Long Red Altringham.**—Bright red color and crisp; excellent for table; per lb., 75c.; ½ lb., 20c.; or, 10c.; pkt., 5c.

**Long Orange or Surrey.**—A popular field variety, large, fine quality, and tapers regularly to a point; per lb., 20c.; ½ lb., 25c.; or, 10c.; pkt., 5c.

**Our New Short White.**—See testimonials below and full description next page.

**Large White Belgian.**—French saved seed. (Extra clean, rubbed and sifted); a very productive variety, grows almost exclusively for stock-feeding; color, green on top and white below; per lb., 25c.; ½ lb., 15c.; or, 10c.; pkt., 5c.

**Large White Belgian.**—English saved seed. (Clean rubbed), the same variety as above, but not quite as clean; per lb., 20c.; ½ lb., 15c.; or, 10c.; pkt., 5c.

**White, Green Topped Orbits.**—French saved seed, and extra clean rubbed. Improved variety of White Belgian, shorter and much larger roots; per lb., 40c.; ½ lb., 15c.; or, 10c.; pkt., 5c.

**Yellow Belgian.**—Not so heavy a cropper as the White Belgian; per lb., 20c.; ½ lb., 10c.; or, 10c.; pkt., 5c.

**White Vedgæ.**—Very large but short roots; per lb., 40c.; ½ lb., 15c.; or, 10c.; pkt., 5c.

### TESTIMONIALS

#### OUR NEW SHORT WHITE CARROT

Mr. W. P. Bowen, the well known horticulturist of the Niagara Road, grew a mammoth carrot 23 inches in length, 18 inches in circumference and weighing 7 lbs. 3 oz. It is one of Steele's Improved Whites, and has been admired the most by scores of visitors, not only for its mammoth proportions, but for its symmetrical shape. Mr. Bowen has one of these roots which measures 20 inches in circumference.—*Niagara Express.*

I sowed your New Short White Carrot last season, and have never found anything to beat them. A. J. BURDETTE, Birle, Mex.

Your New Short White Carrot did remarkably well. Are the largest I have ever sown. J. E. WREN, Masqui, B.C.

I was well pleased with your Seeds last year, particularly your New Short White Carrot, which yielded an immense crop. J. DINSMORE, North Arm, B.C.

The New Short White Carrot purchased from you last season produced a tremendous yield. These Carrots have been pronounced by all who have looked at them as the finest and best yet seen. They stored well, roundish and of the quality A. 1. E. W. BUTLER, Deer Park, Ont.

I never saw so large a crop of Turnips and Carrots as I had last season from the seed purchased from you (the New Short White Carrot). Hundreds of your Short White Carrots are now in the market. I took the prize at all the leading shows in the Province. J. REEKE, Chilliwack, B.C.

It is much pleasure to inform you that the seed received from you last spring gave every satisfaction. Your New Short White Carrot was especially fine, yielding at 20 tons to the acre, and therefore double my order for this spring. JOHN OLIVER, Mad Bay, B.C.

WE BELIEVE CANADA HAS A GREAT FUTURE BEFORE HER. DON'T YOU?

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page 70).

As a safeguard...  
carrot, we supply i...  
our trade marks, a...  
society printed in co...  
with a red label, bo...  
testimonials.

Packages will b...  
supplied merchants...  
price per lb., 25c.





# CARROT, Our Improved Short White

Since the introduction of this new Carrot in 1885 the constantly increasing demand has been so great, on its becoming known, that our crop of seed each season has not been sufficient to supply the wants of our trade. This season, however, we have a full supply.

Every grower who has used this carrot acknowledges our claim for its being the largest and heaviest cropping carrot known, and unequalled in feeding or keeping qualities. The roots are short, very heavy at the shoulder, regularly tapering to a point (see illustration), of uniform shape and smooth; of a light green color above ground and white beneath; with rich white, solid, crisp and of sweetest flavor. No other carrot grows so easily harvested. No other new variety of field roots has gained such favor and demand in so short a time.

It has now been tested in nearly every section of the Dominion, and from every quarter of it has received the very highest recommendations. Its fine smooth shape and uniformity in size and appearance is the admiration of every one who has seen it. We know of no other variety that will give the same unqualified satisfaction or that has received so many flattering testimonials from everybody. (See Testimonials, page 70).

As a safeguard to those who desire to grow the favorite carrot, we supply it only in sealed packages bearing our trade mark, as represented in the illustration, and handsomely printed in colors; the ends of the packages are covered with a red label, bearing our name, which is also a mark of authenticity.

Packages will be found in most of our seed cases which are supplied merchants.  
Prices per lb., 30c.;  $\frac{1}{2}$  lb., 50c.;  $\frac{1}{4}$  lb., 20c.; flat pkg., 10c.



EXPERIMENTAL FARM, OTTAWA.  
Gentlemen,--Your SHORT WHITE CARROT has been quite a success with me, and has yielded 20 bushels per acre. This is THE FIRST CROP OF CARROTS WE HAVE EVER OBTAINED here, and the roots were cut very uniform and much heavier than any other grown.  
WM. SAUNDERS, Grower.  
White Industrial School, Ottawa, Ont. I have never seen this season.



This is the vertical shape of the Carrot.

Sold Only in SEALED PACKAGES, as Shown Above. Be Sure You Get It. IT WILL PAY YOU.

OUR  
**IMPROVED**  
**MAMMOTH**  
**MANGELS.**

● **OUR SELECTED MAMMOTH LONG RED MANGEL** ●

There is no other root crop grown which produces so large an amount per acre of desirable cattle food for winter feeding as the Mammoth Long Red Mangel. Mammoth Long Red is selected over 2,000 tubers per acre have been grown. To secure the best results good seed must be used. Our seed of Mammoth Long Red is exceptionally fine and especially grown for our own trade and from selected well-shaped roots. Double and treble crops can be raised from it. It is a distinct appearance in roots as mature, weight and regular in size, broad shouldered, small top, free from cutworms and of most excellent feeding and keeping qualities. For 10 lbs. or more 20c; 1 lb. 20c; 1 lb., 10c.

● **Our New Giant Yellow Intermediate Mangel**

A great improvement on Yellow Intermediate, of considerably larger size, growing more than half above the ground. Remarkably even in shape rather elongated, of vigorous growth, and has a fine neck; flesh white, firm and sweet. We highly recommend this new variety, as it makes a magnificent root, is easily lifted from the ground, produces enormous crops and is an excellent keeper. For 10 lbs. or more, 20c; 1 lb., 20c; 1 lb., 10c.

**MAN**

enough cultivated  
 the seed a uniform  
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Long Red, 20c  
 each lb. of a  
 Long Yellow  
 Long Green  
 and Intermediate  
 1 lb., 20c  
 Golden Wonder  
 does produce  
 of the variety  
 Yellow Wonder  
 Red variety—  
 variety 7

The following  
 in winter because  
 much later in the  
 Purple-top  
 on very poor  
 late in the season  
 Red Globe, 20c  
 Red-top, 20c  
 The likes of  
 Intermediate  
 feeding than  
 Aberdeen Yellow  
 1 lb., 10c.  
 Grey Globe,  
 For 5 lbs., 50c

Our stock of  
 varieties in cultivation

# MANGEL WURZEL, GROWN FROM SELECTED ROOTS.

For a good crop of Mangel the ground should be prepared the same as for carrots, selecting a deep, rich soil. The best crop should be raised upon land which has been liberally manured and thoroughly ploughed. Sow the seed in rows 5 to 6 feet apart, and in drills from 2 to 3 feet apart, at the rate of 5 to 6 pounds per acre, covering the seed a uniform depth, and thin plants to 18 or 16 inches in the row. The long varieties do best in a deep, sandy loam; the round varieties the same, if possible, but will succeed on poorer, stiff land. See 3 to 5 lbs. per acre.

## OUR MAMMOTH LONG RED. (See Previous Page.)

- Long Red, Selected Stock.**—Produce roots of immense size, long, stands a great deal out of ground; color light red; flesh white and roan; firm and crisp. Our stock is of a superior quality. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Long Yellow.**—Color light yellow, flesh white, not so large in size nor so heavy in produce, but by many preferred to the preceding. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Scottish Giant Long Red.**—Similar in form, size and color to Mammoth Long Red, and differing from it only in name. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Red Tankard.**—Similar in form to the Yellow-fleshed Tankard, but rather flatter at the shoulder, and holding its size well to the bottom. Very solid and productive. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Golden-fleshed Tankard.**—The most nutritious variety in cultivation, roots large, oval, but filled out at top and bottom, terminating with a small top root; flesh deep golden yellow, solid, crisp, sweet and rich; excels all others in milk-producing qualities, and very productive. It has no superior as a keeper. We have known mangels of this variety to be kept sound, crisp, and in full flavor till October. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Yellow Globe Selected.**—Similar to Red Globe except color, equally productive; color, light yellow, handsome shape and good keeper. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Red Globe.**—A large, round variety of excellent quality, productive and a good keeper; color, light red, flesh white. It is better adapted to shallow soils than the long varieties. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.

## TURNIPS FOR FALL FEEDING YELLOW AND WHITE VARIETIES.

- The following varieties are not so well adapted for late winter feeding as the Swedes; being of larger and quicker growth, are earlier in season, and when kept too long in winter become spongy and lose their fine feeding qualities; but for fall and early winter feeding are grown with profit, producing a great bulk per acre, and may be sown much later in the season than the Swede varieties. See 5 lbs. per acre.
- Purple-top Mammoth or Improved Gray Swede.**—This variety will produce a greater weight per acre in a given time than any other Turnip, and is most useful on very poor soils, on which it will grow remarkably heavy crops. Flesh very solid and nutritious. Vine shape, a certain cropper, and will stand the winter well if sown late in the season. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Red Globe Swede.**—Medium sized; skin red, where exposed to the sun, below ground, white; should be fed early. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Swedish Globe Swede.**—One of the best of the Red Turnips for the garden or field. Early, hardy, very prolific, of excellent quality. It is one of the best for late sowing.
- Swedish White Swede.**—Roots globular. On rich soil they will grow to a very large size, sometimes weighing fifteen pounds and over. Better adapted to early feeding than for the pig. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Aberdeen Yellow Swede.**—An excellent variety for early winter feeding, and does even to be grown more generally. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Aberdeen White or Butterhead Green-top.**—Similar in form and size to the preceding; the bulb is bright green above, and yellow below. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Gray Swede.**—A very useful kind of turnip, which produces an immense crop, of excellent quality; it is of great value for feeding off early, and well adapted to late sowing. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.

## SWEDES (Grown from Selected Bulbs)

Our stock of Turnip Seed has been grown from carefully selected bulbs by growers of the highest standing in England and Scotland, and includes the most delicate varieties in cultivation. See 5 to 8 lbs. per acre.

### OUR SELECTED PURPLE-TOP (See Next Page.)

- Elephant or Monarch Swede.**—This new Swede was introduced in England two years ago, and has met with remarkable success there, not only from many sections proving it to be an immense cropper, and to have won "size" wherever shown. We are pleased to be able to offer it to our Canadian customers as one well worthy of trial. It resembles in shape Golden Tankard Mangel, the flesh a rich creamy yellow, and the crown of the root is of a rich purple color. Elephant Swede stands well out of the ground, and is a giant compared with many varieties. It is uniform in size and is absolutely hardy. Price per lb. 2c.; 1 lb., 2c.; 1 lb., 2c.
- Turnip, Butterhead Improved, Purple-top.**—A standard variety, large size, small neck, and yields well. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Green-top Improved Hardy, Purple-top.**—An excellent field variety. It is a hardy sort, and yields heavily. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- East Lothian Improved, Purple-top.**—Bulbs large, rich purple top, and stands well out of the ground; hardy and of good quality. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Highland Prize, Purple-top.**—One of the largest and heaviest cropping Swedes grown in Scotland; by constant and careful selection the originator has attained perfection in form, the bulbs being of handsome oval shape, with small neck and single top root, uniform in size, very rich in quality, and excellent keeper. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Earl's Wonder, Purple-top.**—A favorite with many Canadian growers; large round variety, and a good keeper. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Marston's Swede, Purple-top.**—Oval-shaped bulbs, large and solid, small neck and single top root; rich in quality, productive, and a good keeper. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Green-top Swede.**—A large handsome shaped bulb with small top; does well on light, rich soil. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Monarch Swede.**—A new and distinct variety; the flesh is firm and white, while its hardy leaves and stalks are superior to most sorts, and adapted to other fields or garden cultivation. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- King of Swedes, Purple-top.**—Bulbs and good flavor; a heavy cropper. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Keen-headed, Purple-top.**—Largely grown by leading agriculturists in Scotland; large and excellent quality. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Lang's Improved, Purple-top.**—A handsome shaped variety, of medium size, very small top and excellent flavor; requires rich soil. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Marston's Purple-top.**—Globe-shaped, large, hardy, and of fine quality. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Earl's Wonder, Purple-top.**—A heavy cropper, very nutritious and a good keeper; a favorite variety for stamens, heavy land. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Green-top Improved, Purple-top.**—Very large, short neck; a handsome shaped variety. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Green-top Improved, Purple-top.**—Similar to the Skiving in habit, small top and thin neck, and large bulb; a heavy cropper. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Marston's Improved, Purple-top.**—A robust grower; heavy cropper, and an excellent feeding variety. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- Earl's Wonder, Purple-top.**—Highly recommended for its fine shape and its heavy qualities. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.
- White Swede.**—Attains a large size, very hardy and an excellent keeper; flesh firm, mild, rich and sweet. For 5 lbs., 2c.; 1 lb., 2c.; 1 lb., 2c.



Our New Giant Yellow Intermediate Mangel

A great improvement on Yellow Intermediate, of considerably larger size, growing more than half above the ground. Remarkably even in shape, rather elongated, of vigorous growth, and has a fine neck; flesh white, firm and rich, and remarkably heavy. Sow 5 to 8 lbs. per acre. See page 5 for list of our Fertilizers, Superphosphates, Ground Bones, Gypsum, etc.







THE STEELE BROS. COY, TORONTO, ONT.

# A NEW ENSILAGE OR FODDER CORN.

THE STEELE BROS. CO'S.

## "THOROUGHbred WHITE FLINT"

**30 TONS PER  
-- ACRE --**



**A**lways on the look out for any reliable seeds that will advance the interest of the farming community, we are pleased to state that in the above new variety of Corn, will be found one that we are confident has come to stay, and that will increase the yield per acre over other varieties of Ensilage Corns. Of spreading habit, not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade, and smallness of stock recommend it as a Fodder Plant, while for Ensilage purposes it is most valuable. This with our "GIANT PROLIFIC SWEET ENSILAGE" will now rank as the leading corns for all purposes.

*Our Stock for the Season is Limited.*

*So Please Order Early.*



**EXPERIMENTAL FARM, OTTAWA,  
Messrs. STEELE BROS. CO.**

**I**n reply to your letter of November 18th, asking my opinion of a variety of Indian Corn, known as Thoroughbred White Flint, I would say that this variety of Corn has been grown on the Central Experimental Farm for the last three years, and compared with a large number of other sorts, and I consider this to be the most promising of all that has been tested here. It stands very freely, is very leafy from bottom to top, and matures earlier than the large growing dent varieties tested here; it has also averaged with us a greater weight of Fodder, one acre grown last season, cut green for Ensilage, was found to weigh over 30 tons. Yours very truly,  
**WM. SAUNDERS, Director.**

**VICTORIA INDUSTRIAL SCHOOL.**  
Victoria, Nov. 28th, 1890.

Gentlemen:—In regard to the new corn, Thoroughbred Flint, sent us for trial, I would say: The corn was planted May 26th, on poor land, sand and loam, treated to a light dressing of artificial fertilizer, between 100 and 200 lbs. per acre: it was planted at the same time and beside the Sweet-Ensilage, in rows 3 1/2 feet apart, and plants spaced to 2 feet in the row. Result. Corn grew 3 to 3 feet high, very stout; each plant stalked out and looked like hills of 4 to 6 plants, a large amount of leaves to the plant, but very few cobs; I suppose on account of late planting, but as a Fodder Corn it produced about one-sixth more than the other kinds growing beside it. Yours truly,  
**W. W. BURGESS, Farm Manager.**  
The Steele Bros. Co., Toronto.

Price per lb., post-paid, 25c.; 5 lbs. post-paid, \$1.00 per bushel, purchaser paying expenses, \$1.25; 1/4 bushel, \$2.00; per bushel, \$2.00; 2 bushels or over, \$2.25; bags, 20c. each.



# Select

THE DEV... possible low as prices are not given

## OATS

raised to the acre, produced 25 bushels. Harvested, got 95 white and plump, heavy, bearing the 20c., 5 lbs., 7c.

**WIDE AW**  
the straw is very filled with good condition of the 1 lb., 25c.; 5 lbs.,

**EARLY E**  
The straw is long, from 48 to 52 per harvestable. This none. Price on of Black Ta 6 lbs. for 75c. by

## BARLEY

Prices for large quantities of **BUCKBIL** a price, yet was harvested up hold an **Canada** application

## PEAS

## WHEAT

Wheat, 25c. to quote prices of **Wheat**, varieties of Flax free to all who apply



English... the green and the ground is worn... Brown... All seeds not... Seed Oats, 25c. each

# Selected Recleaned Seed Grain

**WE DEVOTE** special care to the selection of our Seed Grain. All supplies are procured from the purest and cleanest seed that it is possible to obtain, and before it is sent out we thoroughly reclean it that the quality may be perfect. Prices will at all times be as low as the market and superior quality will admit. We shall be pleased to quote prices and send samples on application, whose prices are not given. Cotton bags furnished in filling orders, at 20 cents each.

## OATS

**AMERICAN BANNER.** These oats are a desirable acquisition, and should be tried by all farmers. Reports from all quarters where they were sent last season indicate universal satisfaction. They have been grown four years, and are distinct from any other variety hitherto in the market. They have not shown the slightest tendency to rust, and have invariably yielded crops largely in excess of Welcome and American Triumph, etc. Over one hundred bushels of the "American Banner" have been raised to the acre. Two fields of this variety yielded 70 bushels to the acre from land which had no fertilizer. An adjoining field of common oats produced 25 bushels to the acre. Mr. John Miller, of Marlham, raised 60 bushels per acre, in 1888; and 64, in 1889. His neighbor, Mr. Hawkins, got 55 bushels from an acre, an acre of 50 bushels of "New Zealand," in the same field. This year. The grain is large, white and plump, weighing from 35 to 45 pounds to the measured bushel. Ripens quick early. Straw is stiff, of good strength, but not unusually heavy, bearing the grain in long, symmetrical heads. These oats tiller freely, and can be sown thinner than is customary. Price, post paid, 1 lb. 20c.; 5 lbs., 75c.; by express or freight, at expense of purchaser, peck, 25c.; 1 bushel, 60c.; 1 bushel, \$1.00; 5 bushels or more at 80c. (bags 90c. each).

**WIDE AWAKE.** Claimed by the originator an improvement on most of the heavy sorts, superior in yielding qualities, hardness and vigor; the straw is very long and stiff, attaining an average growth of four to five feet, and is less liable to rust than other varieties; has long branching heads filled with good plump oats, weighing 30 lbs. per bushel; remarkably productive, yielding 65 to 75 bushels per acre, according to the nature and condition of the soil. This variety has been thoroughly tested, and proved to be a superior sort, both in quantity and quality. Price, post paid, 1 lb. 25c.; 5 lbs., 75c.; by express or freight, peck, 25c.; 1 bushel, 60c.; 1 bushel, \$1.00; 5 bushels or more 80c. (bags 90c. each).

**EARLY ENGLISH WHITE, or Canadian Triumph.** This new white Oats has given great satisfaction where grown. The straw is long, upright and strong, with panicles completely covered with close set grains; the latter are very plump, short, heavy, weighing from 45 to 50 pounds per measured bushel. They are ripening early, being from ten days to two weeks ahead of the ordinary varieties in harvesting. This merit alone should induce a trial with all who have experienced a loss from early frosts. For productiveness as yet are seed not so new. For on cart, Toronto (bags included), per bushel, \$1.00; 5 bushels or over, 80c.; by mail, 25c. per lb.; or 5 lbs. for 75c. (postage pre-paid).

**Black Tartarian, Welcome, Egyptian, White Australian, and other popular varieties of seed oats.** Each, 25c. lb., or 6 lbs. for 75c. by mail, post-paid; by freight or express, per bushel, \$1.00; 10 bushels and over, 75c. Bags, 50c.

**GARTER'S PRIZE PROLIFIC.** This is the variety the Dominion Government imported last year, and which has done so successfully here. Our stock was grown for us by two of the best farmers in the Province and has been thoroughly recleaned. It has been thoroughly proved this season that one can raise in Canada first class barley that will bring remunerative prices in England. Our stock is not very large, and early orders are requested. Price per bushel, \$1.60.

**Prices for large quantities on application.** Bags, 50c. each.

**DUNBELL TWO-ROWED.** The sample of this new variety was sent over to England for competition. Although arriving too late to take a prize, yet was highly recommended by the judges. It will malt with Chevalier or Prize Prolific, and will be in demand for English trade. It stands up bold and strong. Price per bushel, \$1.00. Prices for large quantities on application. Bags, 50c.

**Canadian Six Rowed.** This is the ordinary six-rowed variety, of which we have a very select stock, carefully recleaned. Prices on application.

**THE EGYPTIAN MUMMY.** The largest seeded pea in cultivation, and one we feel confident will give every satisfaction. Price per bushel, \$1.25. Prices for large quantities on application.

**Golden Vine, Crown, Blue Prussian, Marrowfat.** All at market prices.

**Spring.** We always endeavor to have on hand a full stock of choice Seed Wheat, and from our extensive connection with the farmers are in a position to obtain the finest samples grown. There are many varieties of Spring Wheat grown, and new sorts being frequently introduced, few of which prove desirable, as all soils and climatic influences are not adapted to them. The varieties which have succeeded best in various parts of the country are **Lodge, Colorado Spring, Magyar, Club, Last Nation, Scotch or Red Fife, White Fife, White Russian, and Wild Goose or Ararat.** We will be glad to quote prices on application.

**Winter.** **James' Winter Fife, Early Red Clawson, American Broom, Canadian Velvet Chief, Golden Cross, and other varieties of Winter Wheat** kept in stock. Fall Catalogue of Winter Wheats, Grass Seeds, etc., is issued about August 15th of each year, and sent free to all who apply.

**BUCKWHEAT.** (Prices subject to fluctuation.)

**New Japanese.** A variety of sterling worth. It is enormously productive; the kernels are nearly twice the size of any other variety and of a distinct shape; the color is a rich dark brown; very heavy straw, branches more and does not need to be sown so thickly as other sorts. Per lb., 25c. (post free); peck, 50c.; bushel, \$1.00.

**Silver Moon.** Superior to the common variety; in bloom longer, matures sooner and yields much more per acre; thin husk and of a silver grey color. Per lb., 15c. (post free); peck, 30c.; bushel, \$1.00.

**CORN** (Prices for quantity on application.) Especially selected and saved for seed; we furnish, if sited on ear or shelled. (See "Specialty Seeds for Garden Varieties.")

**Angus of Michigan.** An exceedingly early eight-rowed variety, ears 15 to 16 inches long; kernels yellow; grows about 8 feet, with often 3 large ears to a stalk. Per lb., 25c. (post paid); per bushel, shelled, \$2.00.

**Georgetown Early.** Very early and prolific; grows ten feet high and has two to five ears on stalk; ears from ten to fifteen inches long and very large. Per lb., 25c. (post paid); per bushel, shelled, \$2.00.

**Eight-Rowed Yellow, or Canadian.** A standard variety; grain bright yellow. Per lb., 25c. (post paid), 1 bushel, \$1.50.

**Large White Flint.** An excellent productive variety; ears good size, poorly white and of a beautiful appearance. Per lb., 25c. (post paid); 1 bushel, shelled, \$1.50.

**Long Yellow.** This handsome yellow variety can hardly be excelled; it is an eight-rowed yellow flint sort. Per lb., 25c. (post paid); 1 bushel, shelled, \$1.50.

**Best of Michigan.** A new variety of good habit, and very early. The ears are large, averaging ten inches in length, while the cob is small; grain of an amber color; often produces three ears on a stalk. The main feature of this corn is its habit to strip clean of its husk when ripe. Per lb., 25c. (post paid); peck, 75c.; bushel, \$2.00.

**Stoughton's Yellow, or Sweet.** Sown exclusively for cutting when green for feeding purposes. Price on application. **Good Gold Brooming.** Next to "Giant Prolific Sweet Brooming," it has no superior for yield or feeding qualities. Prices on application.

Ears of any above varieties, 5c. per dozen (post paid).

## MISCELLANEOUS

Prices of any of the following will be furnished on application.

**Broom.** Small White Field and Marrowfat. **Sunflower.** Common, per lb., 5c.  
**Field.** For sowing or feeding. **Russian,** per lb., 5c.  
**Spring and Fall sowing varieties.** **Wild Rice** (with directions for sowing) Per lb., 5c.  
**Turnip.** Spring, Black and White. **post-paid.**

All seeds not priced furnished at lowest market rates. These prices by the peck and bushel must be sent by express or freight, at purchaser's expense. When ordering Seed Grain, 50c. each for bags must be remitted to prevent its being deducted from amount sent.

SEE DESCRIPTION OF OUR NEW OATS FOR 1891. NEXT PAGE.

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JAPANESE BUCKWHEAT

# A NEW OAT FOR 1891

STEELE'S WHITE CAVE OAT

## \$10 PRIZE

We will give a prize of \$10 to the purchaser of 1 bu. or over of these oats, who produces the highest yield in 1891. A secure certificate duly attested by a witness to, accompany each report of result.

WE HAVE the pleasure of offering this season a remarkable New White Oat, "Steele's White Cave," one that we feel assured will give the greatest satisfaction. This Oat has been carefully selected during the past six years, it was selected in 1894 as a single oat from a field, and since that time has been kept entirely pure, the seed having been hand-picked for four succeeding years. Each year since 1894 the crop has been the most promising of any oat in the sections in which it has been tested. Last year 800 acres yielded its report. In every instance where reports were received, they were entirely satisfactory.

Steele's White Cave is a strong growing white side oat, ripening just before spring wheat, the straw is bright and strong, the heavy white, and on trial plots has yielded upwards of 75 bushels per acre, and in plantations early. Price, 1 lb., post paid, 25c., 5 lbs. for \$1.00. Our supply is limited for this season. So 25.00; 1 bush. \$2.50; 2 bush. \$5.00; bags, 50 cents each.

### TESTIMONIALS FROM LEADING FARMERS

**Weyss Oat, Thorvald Farm, Dec. 8, 1890.**  
From one half bushel of White Cave Oats sown May 7, 1890, we produced this variety six weeks earlier. We find them to be very strong growers, remarkably free from rust and mildew. The straw is stiff and bright, growing to good length. The heads are large and firm, the heads having a very handsome appearance when growing, and remain like the black Tanners when green, ripening about 5 days before that variety on the same land. They are the most prolific of any oat we have yet sown, and will easily yield 50 to 75 bushels per acre, with full treatment. To those who wish to grow a first-class milling oat we can heartily recommend them. *Spence Benn.*

**GLANWORTH, ONT.**  
The White Cave Oats that I was growing on the farm of Messrs. Sharp Bros, White Oat, was the most promising I have seen during the past season, and should yield most abundantly. When I saw these shortly before harvest they had made a most vigorous growth, standing very thick on the ground, the straw being a good length and very bright and strong. The crop was remarkably low, and was particularly attractive. They should prove a great acquisition as the grain is thin in the skin and heavy.

W. R. HAWTHAY, F.R.S.

**COLUMBUS, ONT. Dec. 8, 1890.**

**Dwan Bros.**—I have carefully examined The White Cave Oats when growing in the field, and from reports and observations, I have concluded it is a very superior oat, being a heavy yield. The straw and grain are most desirable.

Yours truly,

(Signed)

W. M. SMITH, M.P.

## AGRICULTURAL : GRASS : SEEDS

THE laying down of land to permanent pasture has become one of the most important sections of agriculture, and it is the duty of all who are interested in the subject to make known any fact, or improved system that may add to the store of information already formed upon the subject. The following varieties are the most valuable for agricultural purposes, and as a guide to those who may wish to make their own selections, we give a few particulars respecting their habits and use; but to those who are not conversant with the subject, we would recommend our mistakes, which are especially prepared for different purposes and classes of soils.

### Greened Dogstail. (Cynosurus cristatus).

This grass may be advantageously sown on lawns and other places to be kept under the scythe; forms a close turf, remaining green longer than any other variety. It is valuable for sheep pastures; succeeds on dry, hard and gravelly soil. Height from 1 to 1½ feet. Sow 25 lbs. per acre. Per lb., 45c.; post-paid, 50c.

### Creeping Root Grass. (Agrostis stolonifera).

An excellent variety for pasture, when mixed with other grasses; succeeding well in most situations, and thrives in moderately moist land over which water does not stagnate. Sow 40 lbs. per acre. Per lb., 25c.; post-paid, 30c.

### Evergreen Meadow Grass. (Poa compressa).

Its chief characteristics are perpetual greenness; outlives in spring, and the rigidity with which it reproduces leaves and stems after being eaten or cut down; in addition to which its thick growth, firmness of foliage and capability of growing under the shade of trees, renders it a most desirable grass for lawns and parks or pasture grounds. Sow 40 lbs. per acre. Per lb., 25c.; post-paid, 40c.

### Hard Fescue. (Festuca duriuscula).

Thrives in a great variety of soils. It may be classed amongst the best grasses for general purposes, and produces a great weight of fodder, and is found to resist the effects of drought to a remarkable degree. It grows easily; the foliage is succulent and nutritive. Height, 1½ feet. Sow 30 lbs. per acre. Per lb., 20c.; post-paid, 25c.

### Italian Ryegrass. (Lolium italicum).

Is one of the most valuable grasses in Europe, being equally suited to all climates. In England it is considered the best known grass to cut green for soiling, affording repeated large and nutritive crops. We recommend it here for use in pasture mixtures. Sow 40 lbs. per acre. Per lb., 15c.; post-paid, 18c.

### White Kentucky Blue Grass. (Poa pratensis). Very scarce this season.

Also known as "Green Grass," "June Grass," etc.; thrives on a variety of soils, but does best in dry and somewhat shady locations; it requires several years to become well established in the ground as a pasture grass; very valuable, as it will stand the hottest summers. Sow 40 lbs. per acre. Per lb., 25c.; post-paid, 30c.

### Blairmont Blue Grass. (Poa compressa).

Somewhat like Kentucky—and as price is lower than above may be used as a substitute. Per lb., 15c.; post-paid, 20c.

### Meadow Fescue or Sweet Grass. (Festuca pratensis).

One of the most valuable grasses we have; thriving in almost all soils, and is used in all good mixtures. Makes excellent hay, early and nutritious, abundantly productive, always succulent and tender, and one of the best natural grasses in existence. Height from 2 to 3 feet. Sow 40 lbs. to acre. Per lb., 20c.; post-paid, 25c.

### Meadow Fescue. (Alphacurus pratensis).

This is a favorite grass in England, both for meadows and pastures. It grows early and abundantly, and gives a large quantity of aftermath. It is best suited to a moist soil, bog, clay or loam. Sow 30 lbs. per acre. Per lb., 20c.; post-paid, 25c.

### Orchard Grass. (Dactylis Glomerata).

Widely known as one of the most valuable grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, commend it highly as a pasture grass. It blooms earlier than Timothy, and about the same time as a common red clover; making an admirable mixture for meadows to cut and cure for hay. As a pasture grass feed it close, to prevent it forming thick tufts; less exhaustive to soil than Timothy; stands drought better than most grasses, keeping green and growing when others are dried up. Sow 25 lbs. per acre; per bushel, price variable; per lb. 20c.; post-paid, 25c.

### Perennial Ryegrass. (Lolium perenne).

Suitable to a great variety of soils, the facility with which it is propagated and the fibrous structure of its roots, which fit it in an eminent degree for alternate husbandry, and largely used in mixtures for permanent pastures, but better for those intended to produce crops of more limited duration. It yields an abundance of foliage, and is valuable as a hay crop, for which purpose it should be cut when in blossom or soon after. Sow 45 lbs. per acre; per lb. 10c.; post-paid, 15c.

### Soft Top. (Agrostis Valgaris).

Thrives best on low grounds, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 25 lbs. per acre; per lb., 10c.; post-paid, 15c.

### Sweet Vernal. (Anthoxanthum odoratum). (True French).

Its chief merits are its early growth, and continuing to throw up its root foliage until late in autumn. The fragrant odor which the leaves emit when drying improves and sweetens the hay. It is recommended in mixtures. Height from 1 to 2 feet. Sow 30 lbs. per acre; per lb., 15c.; post-paid, 20c.

### Sheep Fescue. (Festuca ovina).

This grass grows naturally on light, dry sandy soils; inferior to the other Fescues, but from being succulent and nutritious it should always enter into the composition of sheep pastures, as they are very fond of it, and neither from such pastures is of the finest flavor. Average height, 15 inches. Sow 30 lbs. to the acre; per lb., 20c.; post-paid, 25c.

### Tall Meadow Oat Grass. (Avena sativa).

This grass may be found useful for sowing upon lands when a coarse sward is required, or on soils of inferior description, and such as are incapable of supporting the more desirable varieties. Well adapted to soils. Sow 30 lbs. to the acre; per lb., 20c.; post-paid, 25c.

"GRASS IS KING."—It embraces one-sixth of the whole vegetable Kingdom, and is the true basis of agriculture in the highest condition.



## AGRICULTURAL GRASS SEEDS

Timothy.—(Phleum Pratense.) (Northwest)

A grass so well known needs no description, except that for a hay crop on moist, peaty or clay soils, it will produce a larger crop than any other one sown; it is not so well suited for light sandy soil. Sow 15 lbs. per acre. For hay, price variable; per lb. 10c.; post paid, 15c. Samples and prices on application.

There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but forms a carpet where few other grasses can exist. Sow 25 lbs. to the acre. For hay, price variable; per lb., 10c.; post paid, 15c.

White Meadow Grass.—(Poa Aquatica.)  
Grows naturally in and by ponds, lakes and stream rivers; also on rich alluvial soils. Leaves long, broad and of a vivid green; yields an immense bulk of coarse, nutritious herbage. It is one of the tallest and most productive in herbage of all grasses, and deserves attention, especially in those districts suited to its growth. Sow 25 lbs. to the acre. For hay, 45c.; post paid, 50c.

Yellow Oat Grass.—(Avena Flourensii.)  
Grows naturally in dry pasture on light and good soils. It yields a considerable bulk of fine herbage; arrives early at maturity. Sow 25 lbs. to the acre. For hay, 50c.; post paid, 55c.

Hungarian.—(Poaion Germanica.)  
This is an annual forage plant, and one of the most valuable for a soiling crop. It may be sown as late as the middle of June with the assurance of having a full crop of green grass, which is relished by all kinds of stock and is excellent for cattle in winter when cut before the seed ripens and cured as hay. It is excellent as a green crop for plowing in, and withstands the most severe drought. Sow 24 to 26 lbs. per acre. Price per bu. variable. For lb., 10c.; post paid, 15c.

### PRICES ON APPLICATION



MEADOW FESCUE



ORCHARD GRASS

Common Millet.—(Panicum Millisium.)

The Millet is very similar in habit and growth to the Hungarian, but produces a more abundant crop, and of a coarser nature. When the crop is cut, shortly after it begins to change color and cured as hay, it is considered by many to be preferable for milch cows to Timothy hay, and of more value than the same quantity of untreached oats, owing to the large amount of seeds it contains. Sow 24 to 26 lbs. per acre. Price per bu. variable. For lb., 10c.; post paid, 15c.

German or Golden Millet.

A variety not so early as the common Millet, but yields a much larger crop on good soil. Will grow from three to five feet in height; the heads condensed with numerous little spikes. When well matured the hay is soft and readily eaten by all kinds of stock, and when ripe will stand for two weeks or more without falling or wasting. Sow 24 to 26 lbs. per acre. Price per bu. variable. For lb., 10c.; post paid, 15c.

### A Page of Grasses



TRIAL BOX.  
COLLECTION GRASS SEED  
FOR THE NORTH-WEST.

- 1 large Packet Lucerne.
- 1 " " Mammoth Clover.
- 1 " " Alsike.
- 1 " " Sainfoin.
- 1 " " Golden Millet.
- 1 " " Meadow Fescue.
- 1 " " Kentucky Blue.
- 1 " " Johnson Grass.
- 1 " " Orchard Grass.
- 1 " " White Clover.
- 1 " " Red Top.

—ALL BY MAIL FOR 50c.—

## CLOVERS

### SAINFOIN

*Onobrychis Sativa*, called also *Esparrette*, *French Grass* or *Holy Hay*.

Seed enclosed in large shell consequently only weighs 28 lbs. to the bushel; sow four bushels to the acre; in early spring, seed is quite large, and requires covering a little deeper than most clovers. No grass requires so little pains in curing as Sainfoin. This is another of the land-enriching, luxuriant, heat-resisting clovers. While it does equally as well in the North and cold climates, it is one of those wise provisions of Dame Nature's, to try and equalize her blessings by giving to those who dwell on sterile soil something that will produce as much food and comfort as a more fertile soil. Great dependence is made on this in many parts of Europe where other grasses cannot be grown profitably. In England, we have record where Sainfoin has been growing on poor land for 50 years, and so far improved the fertility of the soil, that from \$1.00 per acre it readily brought \$7.50 (rent). Moeton says: "There are many parts of the United Kingdom in which the farmers could not pay their rents without the use of this crop." It thrives best on chalky and sandy soils, dry gravel, etc.; also loams and clays, if not too stiff or too deep. On poor sand lands in Norfolk, England, almost worthless for anything else, it will produce (after the first year), 1 or 2½ tons of cured hay per acre, of excellent quality. After being mowed, it is extremely valuable to turn sheep and lambs on. The land should be as free from weeds as possible. It can be sown with barley or oats, and harrowed in, growing 2 to 3 feet high, with roots penetrating to a great depth. Flowers about the same time as red clover. It is a perennial, and the stand improves by age. In nutriment and flesh-forming properties, it is equal to any clover. Do not buy Sainfoin from persons you do not know, as there are very inferior samples offered that can be had at less than quarter what fresh reliable seed can be had for. By mail, 30c. a lb., or 4 lbs for \$1.00. By express or freight, 100 lbs. for \$15.00. Sainfoin and Yellow Trefoil make a good mixture.

## SPECIAL GRASSES FOR THE NORTH AND WEST

FOR EARLY SPRING FEED:

Alsike, Red Clover, Medium, Sainfoin.

FOR MID-SUMMER:

Lucerne, Golden Millet, Orchard Grass.

FOR FALL FEED:

Lucerne, Millet, Red Top.

We are Headquarters for Grass and Clover Seeds, Importing and Keeping in Stock large quantities. Write for current market quotations.





# Lucerne, or Alfalfa

(MEDIAGO SATIVA)

## THE VALUABLE FERTILIZING FORAGE PLANT OF EUROPE AND WESTERN STATES

Lucerne should be planted by all who own or hire a foot of soil. As a Forage Plant or for Soil Green, and Curing for Hay, it has no equal. Lucerne is not confined to any one locality. It absorbs more Ammonia from the atmosphere than any other plant.

**The Great Value of Lucerne** is in its enormous yield of sweet and nutritious orange, which is highly relished by stock either when green or cured into hay. It will grow and yield abundantly in hot, dry sections, and on poor, light and sandy land, where no other grasses can be grown, for its seeds its roots down to enormous depths, they having been found in sandy soil 17 feet long; consequently it consumes food, moisture, and the leach of fertilizer, which have been for years beyond the reach of ordinary plants.

**Lucerne greatly enriches the soil**, even more than ordinary Clovers, as it derives a very large portion of nutritive material from the atmosphere. It aerates the land to a great depth, and a large portion of its great fleshy roots, equalling small carrots in size, annually decay from the outside and keep growing larger from the centre, and are constantly increasing the fertility of the ground.

It has been grown at **Whitewood, N.W.T.**, and produced there 8 tons per acre, in four cuttings. Agricultural reports from Dakota say Lucerne has been very successful there, and likely to become the future forage plant of that State, other experiments prove it to be of more value in the North-West than previously supposed.

**Lucerne will grow on any land that will produce Wheat, Corn, or Potatoes, and will thrive.**

**The Great Yield.** Because Lucerne flourishes on poor and worn out lands, it should not be thought undervalued to good soils. In the latter, its yield almost exceeds belief. At the New Jersey State Farm, seed was sown, April 28th, in drills and the plants cultivated, and it had grown 40 inches tall, when cut on July 7th, 70 days from sowing, yielded (green) 7  $\frac{1}{2}$  tons per acre; the second cutting, made on August 18, yielded (green) 8  $\frac{1}{2}$  tons per acre; the third cutting was made September 27th, and yielded (green) 4  $\frac{1}{2}$  tons per acre; a total of 20 tons of green fodder per acre the first year sown, which would equal at least 5 tons of cured hay. If sown on light, dry soils during a dry spell, or if sown broadcast, not much, if any, crop can be expected the first year, as the roots have to get a vigorous hold of the soil; the second year it can, (if sown under such conditions) be cut two or three times, but it is not until the third year that it develops into full vigor, and after that it yields magnificent crops for ten or fifteen years.

Lucerne will not flourish on land where water stands a short distance below the surface, nor to heavy, sticky clays. It attains its highest perfection on mellow, well-drained or rolling land where water readily passes away.

**CULTURE.**—The best method is to sow broadcast 15 lbs. per acre where land is in good condition, on weedy land or clear gravel, or sand that is very poor, about 3 lbs. more. You get a crop from it the first year; but don't get discouraged if the plants are on an average of 10 inches apart—little, slim, single stems, about 4 or 6 inches high. Your prospect is good that you will have four tons per acre next year, and the next year will be as good as ever. It will stand and stand that way for 10 years. It is best to sow in the spring with oats. Cut when in full bloom, a little old is better than too young. Try to cure without getting it wet. Rake into windrows if cut with a machine, let it dry until leaves fall off when roughly handled, put it in piles of about a fork full to cure. Not many animals take to it when dry, without having it in their manger for two or three days with other hay, then you will see them eat the Lucerne in preference to any other. Do not let hungry cattle get it while green, especially if wet. If you wish to pasture them on it, first feed them all they can eat and then turn them on the green Lucerne and no harm will come to them. It is the best thing to renew old worn out lands that we ever saw, and there is not a weed in this country that can stand before it. \$15.00 per 100 lb. By express or freight, 20c. per lb. By mail, post-paid, 4 lbs., \$1.00; 1 lb., 30c.; pkt., 10.

Send for our Treatise on Lucerne.

## OTHER CLOVER SEEDS.

**ALSIKE**, (*Trifolium hybridum*).—A cross between White Dutch and the common Red Clover. It is an excellent variety, held in high estimation, and extensively used by the most eminent agriculturists of the day. It withstands the winter and drought well. Some lands from the too frequent sowing of clover fail to produce a crop, and are termed "Clover Sick." On such soils the **Alsike** will often answer admirably, and produce very heavy crops where no other clover will succeed. After cutting or feeding off, and taking a cereal crop, the same land may again grow Red Clover as well as ever. Price variable. Per lb., 20c.; Post-paid, 25c.

**BOKHARA** (*Melilotus alba*), for Bees.—Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields 8 to 3 tons upwards of hay per acre. For Hay or Fodder, cut when growth is over two feet high, has a white and very sweet-scented blossom; most valuable for bees. Sow in Spring. Per lb., 20c.; post-paid, 25c.

**WHITE DUTCH** (*Trifolium repens*).—Most valuable in mixtures for permanent pastures, forming, in conjunction with natural grasses, the finest and most nutritious food for cattle or sheep. It succeeds on all good clayey lands, if not too wet. Price variable. Per lb., 20c.; post-paid, 25c.

**YELLOW TRIFOLIUM OR HOP CLOVER** (*Medicago lupulina*).—A prolific and hardy variety. It has for a length of time been largely cultivated in England, as a mixture with Red Clover and Grasses, and found to be extremely well adapted for dry pastures, but should not be sown alone. Per lb., 20c.; post-paid, 25c.

**COMMON RED OR BROAD** (*Trifolium pratense*).—This should be used for alternate husbandry and other purposes where a permanent pasture

is not required. Will succeed in any soil of moderate fertility, if sufficiently dry; of rapid growth, and yields an abundant and nutritious crop. Price variable. Per lb., 15c.; post-paid, 18c.

**MAMMOTH OR OOH GRASS** (*Trifolium pratense perenne*).—Of great value, if sown upon exhausted lands; grows from 8 to 6 feet, and highly recommended for plowing under for manure. Price variable. Per lb., 15c.; post-paid, 17c.

**SCARLET OR ORIMSON CLOVER** (*Trifolium incarnatum*).—As a suitable plant, sown either alone or with Timothy or Rye Grass, after the wheat crop is removed, *Trifolium* has no equal. It will produce an enormous crop very early in the following spring, suitable either for consumption as green food or for hay. Upon imperfect clover lands and other crops intended to produce green spring food, but that may be deficient in plant, the *Trifolium* is invaluable by reason of its remarkably rapid spring growth and abundant productiveness. It is fairly hardy, but, like the Common Red Clover occasionally perishes during severe winters, when accompanied with snow. Per lb., 20c.; post-paid, 25c.



SPECIAL PRICES FOR LARGE QUANTITIES OF GRASS AND CLOVER SEEDS ON APPLICATION.

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OUR

# GRASSES

"That man is a benefactor to his country who has made two blades of grass grow where only one grew before."

## Our Special Grass Mixtures

FOR HAY AND PERMANENT PASTURE  
CAN BE SOWN IN EITHER SPRING OR FALL

### PERMANENT PASTURE



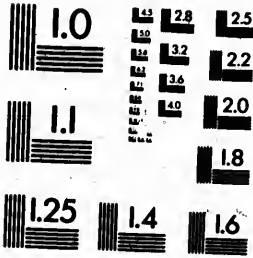
**SPECIAL GRASS MIXTURE. "SEE THE CONTRAST." TIMOTHY AND CLOVER.**

**OUR SPECIAL GRASS MIXTURE**, for Permanent Pasture, consisting of the following varieties: Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet Scented Vernal (True Perennial), Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top, etc., blended in the proper proportions. The thicker the seeds are sown, the sooner will a fine close turf be obtained. While the leading variety used in this mixture is Orchard Grass, the addition of the several other grasses named add to its value; because Orchard Grass sown alone has a tendency to form tussocks or clumps, which, however, can be overcome by thick seeding. In addition to this, the other grasses have special value in pasture lands. In this mixture, intended for either mowing lands or pasture, add mixed clovers, comprising White, Mammoth Perennial or Cow Grass, Alsike, Trefail, etc., but these should be sown separately and only in the spring. \$3.00 to \$4.00 per acre appears at first sight to be a high price for the seeding of a pasture, but bear in mind that it is a permanent pasture that we have in view, and in no country under the sun can a permanent pasture be laid down properly for a less original outlay than that we name. It is not fair to compare the cost of our "SPECIAL GRASS MIXTURE FOR HAY AND PERMANENT PASTURE," with that of "Timothy and Clover," as many are apt to do. When a pasture is sown on our system, it is laid down for all time, whereas Timothy and Clover is short lived, and will have to be re-sown, with all the attendant expense of plowing and preparing the land for the reception of the seed. Looking at this, therefore, from the lowest standpoint, that of original cost, it will be seen that over a short series of years it is greatly in favor of our SPECIAL GRASS MIXTURE, but, if the cost were equal, the yield and the staying qualities of the PASTURE MIXTURE are far ahead of any other. In the preparation of these mixtures, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down, and are likely to realize the object in view. To facilitate this, a description of the soil and climate, and the purpose for which sown, and if, with or without a crop, should accompany each order. We have had considerable experience in this department, and are careful that none but the best samples and most suitable kinds are introduced. For prices see next page.

OUR SEED CLEANING MILLS ARE OF THE LATEST AND MOST IMPROVED PATTERNS

**MICROCOPY RESOLUTION TEST CHART**

(ANSI and ISO TEST CHART No. 2)



**APPLIED IMAGE Inc**

1653 East Main Street  
Rochester, New York 14609 USA  
(716) 482-0300 - Phone  
(716) 286-5899 - Fax

# Grasses AND Clovers for Alternate Husbandry

To those who prefer temporary mowing or grass lands to permanent pasture, we will prepare mixtures of clover and grasses for what is known as "Alternate Husbandry or Rotation Cropping." These mixtures are adapted to the rotation of crop for which they are prepared and in such proportions as will produce the largest quantity of nutritious food for the duration of time specified. The kinds recommended for one year will yield the heaviest product in that time, and the same for two or three years' lay, care has been taken to reduce the quantities, or exclude altogether, some kinds which, though usually recommended and sown for these crops, do not endure in the land for so long a period.

A three or four years' lay sown with such grasses and clovers, that are only of annual or biennial duration, must be either very thin or foul at the end of the period for which it was laid; whereas, if a proper selection of those varieties capable of lasting the whole of the desired period were sown, the lay would remain in full plant, free from weeds or objectionable grasses, and be more profitable during the whole time the land is in grass.

All the seeds used in the following Mixtures are of the Finest Quality, pure and true. Each variety will be sent separately, when ordered in quantity to seed five acres or over, if so desired; otherwise they will be mixed ready for use, the light and heavy seeds being kept separate, for the purpose of sowing at two casts. Quotations are given for the quantity of seed for an acre (as specified); for less quantity than to seed an acre the pound prices are charged.

## No. 1

Grasses and Clovers for One Year's Hay.

Italian Rye Grass, Perennial Rye Grass, Orchard Grass,  
Timothy, Red Clover, Scarlet Clover,  
Alsike Clover, Trefoil Clover, and Lucerne Clover.

Allowing 22 pounds per acre.

a.—On light soils, per acre, \$2.50; per lb., 15 cents.  
b.—On medium soils, " 2.25; " 15 "  
c.—On heavy soils, " 2.25; " 15 "

## No. 2

For Two Years' Mowing or Grazing.

Italian Rye Grass, Perennial Rye Grass, Kentucky Blue Grass,  
Orchard Grass, Meadow Fescue Grass, Timothy,  
Red Clover, Scarlet Clover, Alsike Clover,  
Trefoil Clover, and White Clover.

Allowing 25 pounds per acre.

a.—On light soils, per acre, \$2.90; per lb., 17 cents.  
b.—On medium soils, " 2.75; " 17 "  
c.—On heavy soils, " 2.75; " 17 "

## No. 3

For One Year's Hay and Two Years' Pasture.

Italian Rye Grass, Perennial Rye Grass, Kentucky Blue Grass,  
Orchard Grass, Meadow Fescue Grass, Hard Fescue Grass,  
Crested Dogtail Grass, Timothy, Red Clover,  
Scarlet Clover, Alsike Clover, Lucerne Clover, and White Clover.

Allowing 25 pounds per acre.

a.—On light soils, per acre, \$3.00; per lb., 17 cents.  
b.—On medium soils, " 3.00; " 17 "  
c.—On heavy soils, " 3.50; " 20 "

## No. 4

For Three Years' Mowing and Grazing in Orchards and Shaded Situations.  
Evergreen Meadow Grass, Hard Fescue Grass, Italian Rye Grass,  
Meadow Foxtail Grass, Perennial Rye Grass, Orchard Grass,  
Tall Meadow Oat Grass, Timothy, Trefoil Clover,  
Wood Meadow Grass, Mammoth Clover, and White Clover.

Allowing 25 pounds per acre.

Price per acre, \$3.50; per lb., 20c.

# PERMANENT PASTURE MIXTURES

## No. 5

For Pastures on Light Soils.

Crested Dogtail Grass, Hard Fescue Grass, Kentucky Blue Grass,  
Meadow Fescue Grass, Meadow Foxtail Grass, Orchard Grass,  
Perennial Rye Grass, Mammoth Clover, Timothy,  
Sheep's Fescue Grass, Alsike Clover, Red Top Grass,  
Lucerne Clover, Red Clover, and White Clover.

Allowing 30 pounds per acre.

Price per acre, \$3.75; per lb., 17c.

## No. 6

For Pastures on Medium Soils.

Crested Dogtail Grass, Meadow Fescue Grass, Hard Fescue Grass,  
Kentucky Blue Grass, Meadow Foxtail Grass, Orchard Grass,  
Perennial Rye Grass, Red Top Grass, Alsike Clover,  
Sheep's Fescue Grass, Yellow Oat Grass, Timothy,  
Lucerne Clover, Red Clover, White Clover, and Trefoil Clover.

Allowing 30 pounds per acre.

Price per acre, \$4.00; per lb., 20c.

## No. 7

For Moist Lands, and Those Occasionally Overflowed.

Creeping Bent Grass, Kentucky Blue Grass, Meadow Foxtail Grass,  
Orchard Grass, Timothy, Trefoil, and White Clover.

Allowing 30 pounds per acre.

Price per acre, \$3.00; per lb., 15c.

## No. 8

For Pastures on Well Drained Soils.

Meadow Fescue Grass, Meadow Foxtail Grass, Orchard Grass,  
Kentucky Blue Grass, Perennial Rye Grass, Red Top Grass,  
Timothy, Yellow Oat Grass, Lucerne Clover,  
Alsike Clover, Red Clover, White Clover, and Yellow Clover.

Allowing 35 pounds per acre.

Price per acre, \$5.50; per lb., 22c.

Quotations are for the price of seed for an acre; for less than will seed one acre, the pound prices are charged. Light and heavy seeds will be sent separate.

## NATURAL GRASSES AND CLOVERS FOR RENOVATING OLD AND WORN OUT PASTURES

Grass lands, which have been frequently mown without receiving a proportionate supply of manure, always become deficient in the most valuable and nutritive grasses, and also become patchy from other causes. By sowing about fourteen pounds of Renovating Mixture per acre the sward will be wonderfully improved, both as regards quantity and quality of produce. April and May are the best months for sowing, or after hay is taken off, and previous to rain, if possible. When ordering, please state the class of soil and condition of the meadow or pasture, also lay of the field, whether high or low. 25 lbs. or over, 15 cents per lb.; less quantity, 20 cents per lb.

**NO GRASS, NO CATTLE; NO CATTLE, NO MANURE; NO MANURE, NO CROPS.**

# THE "PLANET JR." GARDEN TOOLS, 1891



No. 2 Seed Drill

The PLANET JR. GOODS are widely and favorably known everywhere, the Combined Plant Drill being the most popular combined machine in the market. The entire line is well made, handsomely finished, and their Cultivators are second to none in popularity. Toronto is a great distributing centre for these as well as other tools, and we have supplied the Planet Goods to numbers of gardens east and west. We have now in stock, of 1891 pattern, the largest quantity of these Tools ever kept in the Dominion.

Send for the Full Descriptive 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 making the neat 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.

## THE "PLANET JR." COMBINED DRILL, Wheel, Hoe, Cultivator, Rake and Plow

This tool is unrivalled 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 garden 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 unrivalled; it is simple, strong and complete, and merits the thorough admiration of every practical gardener. Each tool is sent out with a pair of rakes, a pair of hoes, two pair 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 demand from some sections, the "Planet Jr." Double Wheel Hoe will be offered with only one pair of Hoes and with and without leaf guards, as the "Planet Jr." Plain Double Wheel Hoe. This makes a very effective and cheap tool for parties who have limited work or chiefly hoeing. Price, boxed, \$4.50.

## THE "PLANET JR." SINGLE WHEEL HOE Cultivator, Rake and Plow Combined

In remodelling 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. 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 the thorough cultivation of the soil. The rakes and cultivator teeth, in combination with the hoe 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 combines lightness and strength with great adjustability, it is highly polished, and of the best tempered steel. The tools are: First, a pair of admirable hoes, which can be set to work to and from the row, and to any desired depth. Next, a set of three reversible cultivator 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, 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 those 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.

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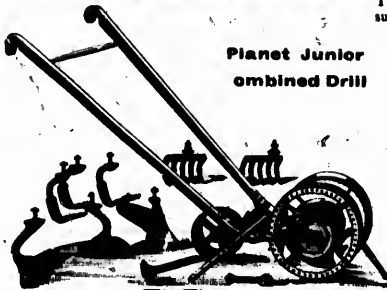
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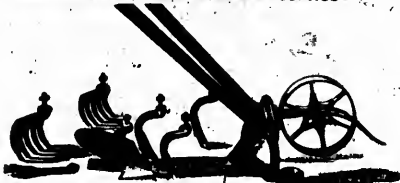
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Planet Junior Double Wheel Hoe



The Planet Jr. Single Wheel Hoe



The "Fire-Fly" Single Wheel Hoe



The "Fire-Fly" Wheel Garden Plow.



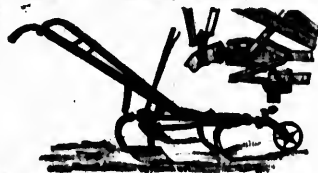
THE STEELE BROS. COY., TORONTO, ONT.

# THE "PLANET JR." STEEL HORSE HOE

**Cultivator, Furrower, Marker, Coverer, Vine Turner, Etc.**

This famous tool as made for 1901 is a beauty. It now has a quick and powerful lever adjustment for width, and also an easy sideways adjustment of the handles grand among Turnips, Mangals, Corn, Beans, in fact, all field crops, and for making plant and seed ridges; besides it has the patent hollow steel standards, parallel frames, stiff hinges, reversible hoes, star wheel, etc., each valuable in its place. Each tool sent out as shown in the cut. Price, only \$12.00.

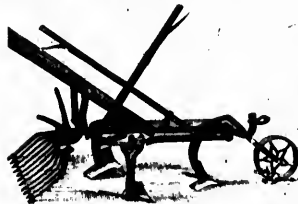
Furrower and Marker, complete, price.....	\$3 75
Covering Moka.....	1 25
Covering Roller.....	2 50
Vine Turners.....	4 00
Clayey Earthing Attachment.....	4 00
Sweeps for Flat Cultivation Hoes, etc. (two 8 in. and one 10 in.) set.....	1 10
Sweeps for Flat Cultivation Hoes, etc. (two 10 in. and one 11 in.) set.....	1 25
Sweeps for Flat Cultivation Hoes, etc. (two 12 in. and one 15 in.) set.....	1 40



THE "PLANET JR." HORSE HOE AND CULTIVATOR (AS ABOVE) \$12.00.

## Market Gardener's Horse Hoe and Pulverizer

This admirable new tool is constructed conspicuously in the interest of very fine close level culture of market garden crops, and for level culture generally. It is equipped with a 12 inch sweep, two 10 inch Hoes and a 25 inch Pulverizer, and is very neatly made, each tooth being so formed that while the soil is worked most thoroughly, it remains level. The Market Gardener's Horse Hoe at a single passage works all rows from 18 inches to 32 inches. The Hoe may be exchanged from one side to the other, and the Pulverizer may be reduced in size for narrow rows, or by taking off the sweep and to straddle the row and cultivate both sides at once, as in cotton, etc. The tool runs with extreme steadiness, and therefore can be safely used in the very closest and most delicate operations. The '91 Lever Wheel is a feature here also; nothing of the kind at all equals it in ease and delicacy of adjustment, so pleasant and necessary in such a tool. For strength and for perfection in the work, and nicety of construction, nothing we have ever had to offer exceeds this latest fairy among Horse Hoes. Price, \$12.50.



## "Planet Jr." Eleven Tooth Harrow

(Cultivator and Pulverizer Combined.)

After thorough and long extended trials, this new and valuable tool is now offered as the very best known for its intended purpose. The cut fails to adequately interpret its perfection. The frame is much higher than usual in thorough and satisfactory manner and to offer a very unusual amount of wearing surface. The reverse throat and high frame prevent clogging, and the reverse position is given to the teeth in a short time by the changing of a single bolt in each. The frame is heavy and strong, and the teeth set straight with the line of motion and are interchangeable. They may be worn of three inches and yet retain the original cutting width. They are cheaply replaced when worn. It too, is provided with the new '91 Lever Wheel, and also with a thorough Pulverizer attachment, which leaves the ground in the finest condition, and is also used to regulate the depth of the Cultivator with an exactness never before thought of. The Pulverizer is controlled by a lever, which can be operated in an instant by the foot, while in motion. For fine cultivation, either deep or shallow, this tool has no equal. As a Harrow, the work done by this tool is most thorough, and with the teeth turned backward it is admirable for trashy ground and leveling, and for crops just breaking the surface. As a Cultivator, the work is very thorough. As a Pulverizer, with the attachment as shown in figure the soil is left in the finest condition. The Pulverizer may be reduced in width by taking off the outside teeth, and the tool may be used to straddle a row, cultivating both sides at once, by taking out the middle teeth of both the Cultivator and Pulverizer. Then use the runner attachment shown on the Market Gardener's Horse Hoe. Price, \$12.50.



NEW GRASS EDGER

## THE "PLANET JR." NEW GRASS EDGER

A cheap, handy and effective Grass Edger is a treasure, and here it is; one with which you can in an hour edge beautifully the walks and the flower and shrub beds of an ordinary half acre lawn. Think of it; why, in the usual way, it would take a day. This perfect little tool does either straight or curved work most accurately, edging at the desired angle. The operator being quite a distance behind the working part of the tool, can readily detect and rectify irregular or crooked spots in the edges, and once made true, the after work consists only in keeping the established line exact.

For heavy work, the frame forms a pocket, just the proper size to carry a brick, which gives the needed additional weight for effectual service.

Strawberry growers will find it also a rapid and perfect tool for cutting off surplus runners. For this work the hoe may be removed.

By removing the wheel the hoe may be used alone with great satisfaction in the vegetable garden, first cutting away from the crop, and then returning the earth. Price, \$4.00.

### SEPARATE PARTS OF THE "PLANET JR." IMPLEMENTS

We keep a full stock of repairs for all these implements. The following are parts most frequently required.

Horse Hoe side wheels.....	each \$1 00	Horse Hoe, Cultivator Steels, 8 inches.....	per set of five 75
" rear shovels, 4 1/2 inch.....	80	" wheels, with side brackets.....	each 25
" triangular steel, 7 inch.....	90	" wheels, with side brackets.....	1 57
" " 8 inch.....	1 00	Wheel Hoe side steels, 24 inch.....	per pair, 50 cents " 82
" Cultivator Steels, 11 inch.....	per set of five 60	" 8 inch.....	per pair, 75 cents " 40
" " 13.....	65	" plow steels.....	1 00
" " 24.....	75		

The "Planet Jr." Drills, Wheel Hoes, etc., that they may always be ahead of competition have been altered nearly every year. When ordering any repairs for these send a Sketch of Parts, the Number, if any cast in it; if a Drill, the Height of Wheel, and the year purchased. Attention to this will save delay and prevent errors. Repairs always cash with orders. Descriptive Catalogue sent free on application.

## CONTINENTAL LAWN MOWER

(Circular or Application)

This Machine is of the latest and most improved American pattern, and though higher in price, distances by long odds any Mower now in the Market. It is the lightest running, wisest cutting and almost noiseless. The Cylinder Knives are solid cast steel, made by a patented process; are hardened and tempered in oil; self-sharpening. We have no hesitation in recommending this machine as the "Very Best."

Price—14 in., list price, \$17.00; our price, \$14.00; 16 in., list price, \$19.00; our price, \$16.00; 18 in., list price, \$21.00; our price, \$18.00.

### SPECIAL MACHINES FOR HIGH GRASS

15 in.....	List Price, \$25.00.	Our Price, \$21 00
17 in.....	25.00.	21 00

## THE GUELPH LAWN MOWER

Philadelphia Pattern. (Circular on Application.)

Light, Strong, Durable, Easy running and well finished. This well-known machine has the following advantages:—1st.—The machine will cut as well when turning a short corner as when pushed straight forward—which some Lawn mowers will not do. 2nd.—The tendency of the gearing is to lift the lower knife, instead of pressing it down, and causing it to pass lightly over uneven ground. 3rd.—Being single geared, the friction and number of parts are reduced one-half. 4th.—The grass cut is thrown behind the cutters, instead of forward to be cut over and over again, thus greatly decreasing the labor of working the Machine. 5th.—It is as portable as a hand-truck. 6th.—So few parts being used, smaller each to be made very strong; and the Machine is so compact and stiff, that it is almost impossible to damage it by any reasonable use. Price—10 in. cut, \$6.00; 14 in. cut, \$8.00; 16 in. cut, \$7.00; 18 in. cut, \$8.00.

200 lbs PREPARED LEAF MOU PUT UP BY STEELE BROS. (LIMITED) 1000 St. George St. TORONTO

THE DOMINION against fraud samples of all the fertilizer sold under

Animal Power ground bone, blood per 1000 lbs, sack, \$3

The Rollan general crops, and fertilizer, at a moderate best material, and farmers they will put on the market to make the headwater, \$35 free on car

Royal Oat demers.—This farmers at a distance should prove specially well balanced amount good crop of well ask them to give the Price, per 200 lb, a

Pat. impo Lawn Fertilizer as a top dressing, lawns is objectional. Lawn Fertilizer uniform and luxurious \$1.50; 50 lb, \$2.00

Quano, Peru used throughout the Europe and United farm or garden. Once or twice a week post-paid, 15

Standard and more abundant The Standard Pe conservatory or ga It is free from odor growth and a profu vermin. The Plan water and ready for growth than can be for use on each package, or a trial



NORWA



# Fertilizers

FEED YOUR SOIL,  
AND IT WILL FEED YOU!



COMMERCIAL FERTILIZERS are sure to come into more general use as fast as they are tried. Their quick and direct action commend them to the farmer. A customer who once buys almost invariably continues their use.

THE DOMINION PARLIAMENT has passed a law under the title of "The Fertilizers Act, 1892," the object of which is to give protection to farmers and others against fraud in Fertilizers. Section 8 of this Act makes it compulsory on all manufacturers of Fertilizers to send to the Minister of Inland Revenue at Ottawa, samples of all the Fertilizers they make, giving the names of brands under which they are sold. These samples are analysed by the Government Analyst, and should the Fertilizer sold under the name given be found not to be equal in quality to the sample sent to Ottawa, the manufacturer is liable to a penalty of from \$50 to \$100.

We feel confident in recommending the following Brands, which are Manufactured by Reliable Fertilizer:

**Animal Fertilizer.**—A high grade fertilizer, manufactured from finely ground bone, blood and meat, admirably adapted for the vegetable garden. Price, per 200 lb. sack, \$3.50; per ton, \$30.

**The Alliance.**—This is a mineral phosphate, compounded for grain and general crops, and to supply what we hope will prove a large demand for a complete fertilizer, at a moderate cost. It has been prepared with great care, using only the best materials, and will be found in a fine dry friable condition. We can assure farmers they will find it a good investment to spend some money on this brand; it is put on the market with only a minimum of margin to ourselves, and we expect it to make the headway such a manure ought to. Price, per 200 lb. sack, \$4.00; per ton, \$35 free on cars Toronto, or Capelton, Quebec.

**Royal Canadian, a high class fertilizer for Market Gardeners.**—This mineral phosphate is compounded for market gardeners and farmers at a distance, who see the economy in freight, by using a high grade. It should prove specially beneficial to root crops, being high in potash, and giving a well balanced amount of phosphates and ammonia. For all desirous of getting a good crop of well bulbous turnips or mangets, and a big yield of potatoes, we only ask them to give this formula a trial, feeling that results will speak for themselves. Price, per 200 lb. sack, \$5; per ton, \$45, free on cars Toronto or Capelton, Quebec.

**Peat, Imported.**—We offer this in barrels at \$3.00 per bbl.

**Lawn Fertilizer.**—This can be applied either in the spring, summer or fall as a top dressing, at the rate of one pound to 10 square feet. Stable dressing for lawns is objectionable in appearance, odor, weed seed and cost. Our Queen City Lawn Fertilizer overcomes all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price, 5 lb. bag, 50c.; 10 lbs., 75c.; 25 lbs., \$1.50; 50 lb., \$2.00; 100 lbs., \$3.50.

**Guano, Peruvian, Guaranteed.**—This standard fertilizer should be used throughout the entire country, and we are confident it will be in time. In Europe and United States it has enormous sales, and should have here. It pays on farm or garden. Our sale of this is increasing yearly. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, per lb., 10c.; by mail, post-paid, 15c.; 25 lbs., \$1.75; 100 lbs., \$5.00.

**Standard Plant Food.**—To produce a healthy, insuring growth, earlier and more abundant blossoms, of a richer coloring, it is necessary to feed your plants. The Standard Food for Plants is made expressly for plants grown in the house, conservatory or garden, and cannot be recommended too highly for this purpose. It is free from odor, clean to handle, and in addition to promoting a strong, healthy growth and a profusion of bloom, it materially aids in keeping your plants free from vermin. The Plant Food will keep any length of time, is immediately soluble in water and ready for the plant to take it up, thus producing a quicker and healthier growth than can be obtained from any other fertilizer yet introduced. DIRECTIONS for use on each package. Plant Food, by mail, post-paid, at 30c. for regular sized package, or a trial package for 15c.; in bulk, 5 lbs., 75c.; 10 lbs., \$1.25.

**Nitrate of Soda.**—This fertilizer is very largely used in Europe, and will be here also, as soon as its valuable qualities are known, mixed with manure at the rate of 400 to 500 pounds per acre, its effect is astonishing. It is used by leading market gardeners, dissolved in water, for cabbage, cauliflowers, and all garden truck they wish to rush. It is also excellent for strawberries, hastening their ripening. On a test crop of beets, 500 lbs. nitrate of soda, yielded 22 tons per acre, as against 14 tons of manure, which yielded 14 tons. Our market gardeners not only require large quantities of rich manure, but want them to act quickly; nitrate of soda will do this, and its results are shown on next year's crop as well. In the Garden, a good plan is to sow broadcast early in the spring, 100 lbs. of Superphosphate, and 500 lbs. of Nitrate of Soda per acre, or say a half of the mixture to each square yard, over the whole surface of the land. Sow it on the lawn, orchard, deciduous and evergreen trees, shrubs, roses, flower beds, vegetable garden, strawberries, grapes, raspberries, blackberries, currants, gooseberries, and on all land that is to be sown or planted the coming season. It is the best of all substitutes for stable manure, but if you wish to use manure as well do so. So far as our experience goes, if we had to dispense with either we should give up the manure rather than the Nitrate and Superphosphate. *Joseph Harris.* For Farm Crops, such as wheat, barley, oats, corn, and clover, it is not necessary to use so much Nitrate per acre. On wheat, especially where Superphosphate was sown last autumn, a top dressing of 200 lbs. of Nitrate per acre sown broadcast early in the spring will greatly increase the yield. The profit will be in proportion to the price obtained for the wheat. At 80 cents per bushel it will afford a small profit and the land, if sowed down to grass and clover, will be left cleaner (owing to the heavy crop of wheat smothering the weeds), and you would be likely to get a better crop of grass and clover. Should we get \$1 per bushel or more the profit will be quite satisfactory. *Joseph Harris.* It will pay you to purchase "Talks on Manures," or "Essay on Nitrate of Soda," by Joseph Harris (a standard authority) and figure results out for yourself. Nitrate of Soda, price per 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

**Pure Bone Meal.**—Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. Harrow or drill in, using 200 to 300 lbs. per acre at time of sowing. In small lots, by express, not prepaid, 5 lbs., 80c.; 10 lbs., 95c.; 25 lbs., \$1.00; 50 lbs., \$1.60; 100 lbs., \$2.50.

**Prepared Leaf Mould.**—Finding that many of our customers in the city were unable to procure suitable mould for the garden and pot plants, we arranged for a car-load of decayed vegetable leaf-mould, with this, we have mixed well decomposed manure and bone dust; the whole forming a well enriched preparation, containing all the elements of plant food. We can highly recommend our Prepared Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb. sacks, and can be supplied at all seasons of the year. Price, per 25 lbs., 35c.; 50 lbs., 55c.; 100 lbs., \$1.00.

**Talks on Manure.**—By Joseph Harris, M. S., 200 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.75.

**Fertilizers, A New Edition,** where to get, formulas for various crops, how to apply. By J. J. H. Gregory, paper, Price, 40 cents.

**Nitrate of Soda.**—An Essay by Joseph Harris, It will pay you to read it. Price only 10 cents.

## Choice Tree and Hedge Seedlings

THIS SEASON we are able to offer an enlarged list of Tree Seedlings; these are grown from seed sown here in Canada, are splendidly rooted and in fine condition.

There are advantages in planting small Evergreens. They cost but little, and they are quickly and easily planted, and sure to live, will start into growth and outgrow larger trees which will cost from three to five times their price. Orders should reach us early, that they may be forwarded promptly in Spring and before growth begins; they do not carry safely or thrive well when late in the season. On arrival they should be immediately planted, for should the roots become dry and hard, as all resinous plants will, they have no chance of life. When sent by express it is at purchaser's expense.

### NORWAY SPRUCE.

10 to 12 in., once transplanted, post-paid, 10 for \$1.00,	
100 for.....	\$6 50
20 to 24 in., once transplanted, express only, 10 for \$2.00,	
100 for.....	16 00

### HONEY LOCUST.

Two-year-old Seedlings, express only, 25 for \$1, 100 for	3 50
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### AUSTRIAN PINE.

12 to 18 in., once transplanted, can only send by express	
or freight, 10 for \$1.25, 100 for.....	\$10 00
18 to 24 in., once transplanted, can only send by express	
or freight, 10 for \$1.50, 100 for.....	12 00

### SCOTCH PINE.

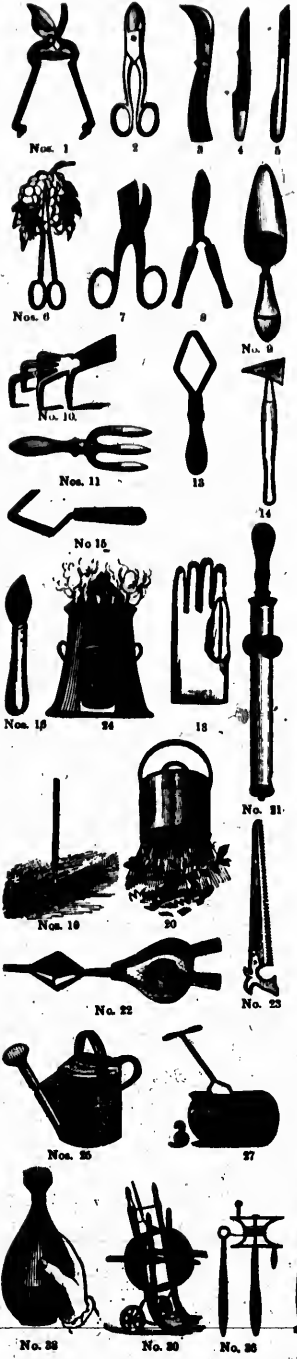
18 to 24 in., once transplanted, can only send by express	
or freight, 10 for \$1.25, 100 for.....	10 00
18 to 24 in., once transplanted, can only send by express	
or freight, 10 for \$1.00, 100 for.....	12 00



NORWAY SPRUCE

# OUR SELECT GARDEN TOOLS

NOTE.—The figures in parenthesis, thus (1), denote the number of cut in the margin.



**BELLOWS.**—For dusting insecticides on plants and shrubs. Large size, price \$3.00; small size (21)..... 2 25

**BRAKERS.**—Flower Pot, ornamental, various sizes, each \$0.25 to..... 3 00

**BOUQUET HOLDERS.**—(Novelty); cheap, durable and easy—in fact, perfect; each..... 1 0

**CORN PLANTER.**—each..... 1 50

**COMBS.**—Large size, for rockeries, etc., flat and tubular; per lb..... 15

**DIRTERS.**—For planting (31); each..... 50

**FERRETTES.**—Each from \$7.00 to..... 10 00

**FISCAL TOOLS.**—Set of 4; small, 60c; large..... 1 00

**FUNGICATORS.**—Greenhouse.—Each, \$1.50, \$1.75 and (24)..... 2 00

**GLOVES.**—Ladies' chambray, pair..... 50  
 (Hil)..... 60  
 Gardeners' (men's) (18)..... 50  
 Harvest " No. 3..... 25  
 Threshing "..... 1 00

**GRAFTING WAX.**—Tin..... 25

**GARDEN LINES.**—Of best material, each..... 75

**HAKES.**—Iron, plain, with stake (30)..... 30  
 Large size..... 1 00  
 " 7 in.,..... 65  
 " 8 in.,..... 70

**HOES.**—Dutch scuffle, 6 in., each..... 60  
 " 7 in.,..... 65  
 " 8 in.,..... 70

**HOSE RUBBER.**—1 to 15 and 20 ft. length, only, including coupling, viz., best quality, per foot, 3 in., 18c; 1 in., 23c; good quality, per foot, 3 in., 12c; 1 in. (24)..... 14

**HOSE, ROZZI.**—brass, with spray and stream tip, 3 in (31)..... 1 50  
 Graduating spray and stream, [in (32)]..... 1 25

**MEASURES.**—Each \$2..... 60 and 50 00

**HYACINTH GLASSES.**—In assorted colors, plain, blue, green, wine and amber, flat or eye pattern, each \$2..... 60 and 50 00  
 pink shaded, tall; each..... 50

**IRON LAWN ROLLER (27).**—Each..... 10 00

**KNIVES.**—Asparagus, imported, best Sheffield make..... 1 00  
 Budding, ivory handle (5)..... 1 00  
 Combined pruning and budding, each (4)..... 2 25  
 Pruning, stag handle, crooked blade (2)..... 1 25  
 Grass Edging, crescent shape (19)..... 1 00

**LABELS.**—Wood, for pots, plain, 4 in., per 100..... 1 25  
 " 6 in., per 1000..... 1 00  
 " painted, 2 in., per 100..... 15  
 Wood, for pots, painted, 6 in., per 1000..... 2 00  
 Tree, Notched, 3/4 in., per 1000..... 1 00  
 Copper wired, 2 1/2 in..... 2 50

**LAWN SPRINKLERS.**—4 in., revolving, each (28)..... 8 00  
 Champion, to stick in ground..... 85  
 " L.Y.L. (1)..... 1 25  
 For end of hose, brass, 1 foot, each..... 3 00  
 " Archangel, 4 1/2 ft., each..... 75

**NEEDLES N.**—For sewing grain bags, each..... 10

**PLANT STAKES.**—Chestnut, painted, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc. Per doz., 18 in., 25c; 24 in., 25c; 30 to 50c; 36 in., 65c; 42 in., 75c; 48 in., 10c; each; 50 in., 15c. each. Heavy for Dahlias, each 2 ft., 10c; 4 ft., 12c; 5 ft., 15c; 6 ft., 20c.

**PENCILS WEL'S**—sandstone, each..... 25  
 bottom (20)..... 1 25

**POWDER BLOWER.**—round, tin and rubber, each..... 2 50

**RAKES.**—Daisy for cleaning lawns, 22 teeth (29)..... 2 50  
 Garden, malleable iron, no handles, 10 teeth, 20c; 12 teeth, 35c; 14 teeth, 50c  
 Garden, steel, with handles, 60c and Lawn, steel, each..... 1 00

**ROFFIA.**—The best tying material for plants, etc., 10 lbs for \$2.50, per lb..... 40

**SCOLLAY'S Elastic Foam Sprinkler,** of rubber. The cap of brass, finely perforated for showering the foliage of plants, sprinkling bouquets and dampening clothes. Price, by mail (24)..... 3 25

**SCOLLAY'S Paddy Watering Can,** a new and useful tool, similar to the well-known Scollay's Sprinkler, with tube in place of spray, for applying liquid putty in glazing greenhouses, etc..... 1 25

**SCYTHES, THATCHES,** English, \$1.50 to..... 1 00

**SAWS.**—Tenny for pruning (23), each..... 1 00  
 SAWS.—French Secateurs (1)..... 1 10  
 Flower Cutters, silver plated..... 1 00  
 Grape Thinning, for thinning (7)..... 1 00

**SEEDS.**—Hedge or Lawn, best imported, 1 in. 1 25  
 " 1 1/2 in. 1 00  
 " Ladies', durable and useful for light work (8)..... 1 00  
 " for lawns, (27), each..... 2 00  
 cheap for edging..... 75

**SYRINGES, BRASS.**—The very finest goods in the market. Each syringe is supplied with one jet, a coarse and fine rose..... 1 00  
 Ladies' 14 inches x 1 inch barrel, light, (21) each..... 1 50  
 Gardeners' 12 1/2 in. barrel, strong..... 2 00  
 Greenhouse 18 1/2 in. barrel, heavy..... 3 25  
 " 18 1/2 in. light, patent valves..... 4 00  
 Rose, knuckle jointed, can be used in any direction..... 7 50  
 Hydrants, throws water in stream or spray, 40 ft. from bucket..... 7 00

**TROWELS, Gardeners.**—Light and handy, 6 in., (9) each..... 20  
 Polished steel, 7 in., (9), each..... 20

**TREE SCRAPERS,** for removing old bark (14)..... 2 00

**WEEDERS.**—Fork shape (11)..... 30  
 " Hazeltine (15)..... 20  
 " Noyes (13)..... 20  
 " Claw shape (19)..... 25  
 " Dock Spud, for lawns..... 60  
 Spoon for weeding or transplanting (18)..... 50

**WATER POTS.**—(25)..... 3 00  
 " French pattern (25) \$2.50 to 5 00

**WHEELBARROWS.**—Light, 60c; heavier, 4 00

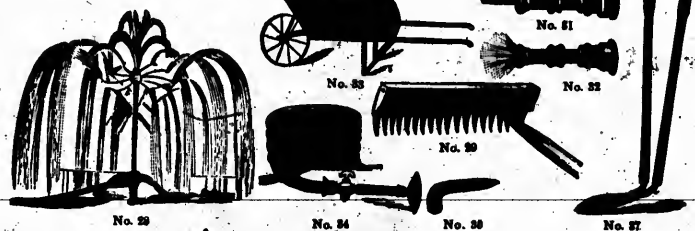
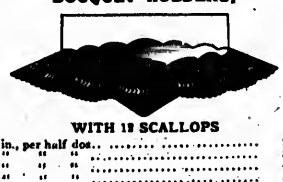
**FLORISTS' SUPPLIES**

Pot Covers, imitation leather, handsome style, for 7 in. pot, each 18c; per doz..... 1 50  
 Seagulls, fancy for 7 in. pot, each, 40c; per doz. Gilt, fancy, round, for 5 in. pot, each 20c; per doz..... 2 75  
 Gilt, very neat, for 7 in. pot, each 25c; per doz. Tin Foil, in long strips, 5 in. wide, per lb..... 15  
 Tooth Sticks, 10c. per box; 3 boxes for 25c. Match Sticks, per bundle..... 75  
 Wire annealed (Prices subject to change):  
 No. 24, per lb., 10c; 15 lb..... 1 50  
 No. 28, " 13c; 15 lb..... 1 50  
 No. 30, " 15c; 15 lb..... 2 00

**BOUQUET HOLDERS,**

**WITH 12 SCALLOPS**

4 in., per half doz..... 25  
 5 " " "..... 30  
 6 " " "..... 40  
 7 " " "..... 50



**Green Fly.**  
**Fire Tree G.**  
**Hands when used**  
**Mealy Bug**  
**Whole Gall**  
 of soap to seven gal  
 Bug, the Cabbage  
 Whitefly  
 soluble in water.  
**Spencer's**  
**Miner's**  
 can, 50c; pint, 50c

**R**

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**DOU**  
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Pat Trullis, 1 foot  
 Tomato Trullis, 4 fo

OBS

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 5 lb., 1.00  
 10 lb., 1.50  
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 50 lb., 5.50  
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 80 lb., 8.50  
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 960 lb., 96.50  
 970 lb., 97.50  
 980 lb., 98.50  
 990 lb., 99.50  
 1000 lb., 100.50



Green Fly. Red Spider. Blight. Mealy Bug. Scale. Thrip.

**Fir Tree Oil.**—Soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Hands when used as a wash. Full directions with each bottle. Cannot be mailed. Per bottle, 2 size, 80c, 70c, and 50c.  
**Mealy Bug Destroyer.**—A safe preparation for the complete eradication of the bug, scale, and other insects on trees, shrubs, garden and house plants. One pound of soap to seven gallons of water is used for applying to foliage. Per lb., 35c; by mail, 30c.  
**Parasite of Blights.**—The farmers and gardeners best friend, and a sure protection against the ravages of all insect pests. It kills the Colorado Beetle or Potato Bug, the Cabbage Worm, etc., etc. Send your address for our "Bug Catcher," giving full particulars of above. Price, per lb., 35c, post paid.  
**Scalicide of Paraculture.**—An English preparation, very strongly recommended as a Perfect Remedy for Mildew, Red Spider and other plant diseases. It is soluble in water. Price, per bottle, 50c, post paid.  
**Carboric Acid.**—This fluid destroys all insect pests on plants and trees, and prevents blight and mildew. Cannot be mailed. Price, per bottle, \$1.25.  
**Blanchard's Whirligig Destroyer.**—This fluid is death to Mealy Bugs and all kinds of scale insects, which invest rose bushes, etc. It is highly recommended. Price, 1 pint can, 80c; 1 pint, 50c; quart, 1.00; gallon, \$1.75. Cannot be mailed.

**Pyrethrum Extract,** or Persian Insect Powder for destroying Fleas, Ants, Flies, and all other common insects. Per lb., \$1.00, post paid.  
**Grass Dues.**—An effective, cheap powder that destroys all Mildew on lawns, Gooseberries, Currant Worms, insects on roses, plants, etc., etc. Price, per lb., 10c; by mail, 15c.  
**Doan's Compound.**—For destroying Green Fly, Mealy Bug, Thrip, Mildew, etc. Per pt., 50c, post paid.  
**Doan's Tobacco Dipping Powder.**—Thoroughly eradicates Scabs, Ticks, Lice, and all other insect pests from the fleece and skin, and keeps the fleece clean of them for many months after using it. Directions with each package. Price for package sufficient for dipping 25 to 50 sheep, 50c, post paid.  
**Bug Sheet.**—For destroying Potato Bugs and those on Tomatoes and Egg Plants, Currant Worms, Cabbage Leaf and Worms, Beetles, Striped Bugs, on Melons, Squashes, Turnips, Beets, Cane Worms and Caterpillars on Fruit and Ornamental Trees, Knot Hugs, Cut Worms, etc. Price 2 and 10 lb. packages, 5c, per lb., by mail, 10c, post paid. Equally effective on animals, and is harmless to the skin and hair.

"You can feed for Eggs just as you can feed for Milk, Beef or Fat Pork," and you can get plenty of

Eggs at all Seasons

BY USING

Rust's Egg Producer

TRADE (THE HEN PERSUADER) MARK.

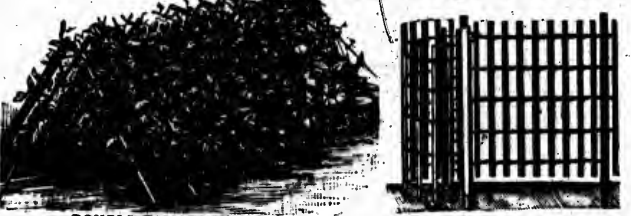
This preparation supplies just what nature needs for producing Eggs, Fattage, Growth and Development, and in the exact proportions required. It is entirely unlike those stimulating powders advertised to make hens lay, and therefore does not exhaust and damage fowls as they do. It contains only just enough stimulants (less than four per cent.) to aid digestion; just as we use a very small quantity of mustard and pepper in our own food for the same purpose. Its composition also includes valuable tonics and remedial agents to ensure perfect assimilation and robust health without which the best results cannot be secured. Thus it is of great advantage to fowls, which, enriched with their laying power, just as cows are benefited when their milk is increased by proper means, or soil is enriched when fertilization produces larger crops. Given frequently to young chicks (a tablespoonful to each quart of meal), it keeps them healthy and soles nearly every chick to be brought to maturity. And it so increases their growth and development that they are earlier ready for market or laying. It also makes tardy pullets prompt to lay, shortens the moulting period of fowls, and prevents and cures leg weakness and many other diseases. Although especially valuable in winter, in consequence of the high price of eggs, it is of great value at all seasons and many are using it, with decided advantage, the whole year round. It is equally useful for Turkeys, Ducks, Geese and Hens and is, in short, just what is needed to make egg-producing and fowl-raising a very profitable result. Price; lb. pkg. 20c; by mail, 25c; 5 lb. box, 80c; by mail, 1.00; 10 lb. box, \$1.75.  
**GROUND OYSTER SHELLS.**—Of great value to all poultry; we ship these in large lots and can quote lowest rates for large or small lots. 25 lbs., 75c; 60 lbs., \$1.15; 100 lbs., \$2.00.



RUST'S HAVENS' CONDITION POWDER

The Only Positive Preventive and Cure for Cholera and Poultry Cholera, and the Best Medicine for Mares, Cattle, Poultry, Sheep and Hogs.  
 We warrant Havens' Climax Condition Powder to be free from Antimony, Arsenic, Alum, Resin, Saltpetre, and all harmful ingredients, and to be entirely unlike any other preparation. It is not a feed but an honest medicine, at an honest price. Liberal packages, weighing 14 ounces, 30c; post-paid, 35c.  
**TRY IT ONCE AND YOU WILL ALWAYS USE IT.**

TRELLIS FOR GARDEN CROPS



**DOUBLE TOMATO TRELLIS.** **PEA TRELLIS OR FENCE.**  
 Our **Best Garden Trellis** can be used for all kinds of crops that require support by staking, whether vegetables or flowers, so that it can never come amiss in the smallest garden. The Double Trellis is shown used for tomatoes, but it can be used to nearly equal advantage in growing cucumbers, melons, squashes, Lima and other pole beans. The Single Trellis is used mainly for peas, and it will be found on trial to be far ahead of the old plan of using brush or string. For flowering plants that require support, it is, of course, equally valuable, as it can be used exactly in the same way, according to the nature of the plant, as for vegetables, in short, for any plants that require support, we earnestly advise the use of these Trellises. It is substantially formed of galvanized wire, and light, yet strong wood work; and as it can be rolled up so as to occupy small space, it can, with ordinary care, be used annually for many years. Supplied in ten foot and twenty foot lengths.  
**Per Running Foot** **Per 100 Running Feet**  
 Pea Trellis, 4 feet high..... 10c..... 10c per foot  
 Tomato Trellis, single, upright..... 8c..... 8c per foot  
 4 feet high, double, See cut..... 20c..... 20c per foot  
**50 Feet Supplied at 100 Feet Rate.**

WILSON'S LITTLE GIANT MILL

This Mill is specially adapted for grinding Dry Bones, Shells or Grain for Poultry. It will grind the whole jaw-bone of a hen in about three minutes; the leg-bone of a beef, 3 inches long and 2 inches in diameter, by being once split lengthwise in 2 minutes. If the bones are thoroughly dried, this Mill will crack about a peck of corn in 30 minutes. If it is desired to grind the corn very fine, it should run through the Mill twice.  
 A sample of oyster shells ground or corn cracked with the Little Giant Mill, will be sent free by mail for 10c. Price, without legs, \$6.00; Price, with legs, \$8.00.

FAMILY GRIST MILL, No. O.

This Mill is specially made for grinding Graham Flour or Corn Meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine in the kitchen, as you can have fresh Graham or Corn Meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weight, 30 lbs. Price, without legs, \$6.00; Price, with legs, \$8.00. Circulars giving prices of larger sizes on application.

ATOMIZER SPRINKLER SELLER OF THE

**OWA SERIES.**  
 Every sprayer like you have seen in the world. Sprinkles so well that the thing is winning the prize for the best. We have been responsible to describe them. Price, each, 25c; post-paid, 40c.

THE STEELE BROS. COY, TORONTO, ONT.

## OUR GEM COLLECTION OF SEEDS.

IN OFFERING this Special Collection we aim at giving an assortment of the Finest Varieties in Cultivation for general use, and of such sorts that are best adapted for a family garden. Those unacquainted with the different varieties of vegetables, or those not having the time to examine our Catalogue and make their own selection, will find this assortment to contain a very choice selection for a good garden, and such as cannot fail to please. It may be sent post paid. No discount will be allowed from the price of these Collections, nor any change in the Collection.

### No. 1 GEM COLLECTION.

SPECIAL PACKAGES OF 14 SORTS OF NEW AND CHOICE **\$1** AND 4 VARIETIES OF SHOWY AND HANDSOME

**Vegetables, Flowers.**

Sent by Mail on receipt of One Dollar, contains one Full Size Packet each of

Beans, Giant Dwarf Wax. (New.)	Cucumber, Evergreen W. Spine. (New.)
Beet, Select, Long Blood.	Onion, Yellow Globe Danvers. (Choice.)
Cabbage, Winningstadt.	Peas, American Wonder.
Cabbage, Early Summer.	Radish, French Breakfast. (Fine)
Carrots, Chantancy. (New.)	Squash, Hubbard. (The Best)
Corn, Old Colony. (New.)	Tomato, Potato Leaf. (New.)
Colery, Paris Golden Yellow (New)	Phos. Mignonette.
Lettuce, Toronto Gem. (Select.)	
Asies. Balsam.	

Illustrated Circulars on Application



### FLOWER STANDS.

These we carry in stock of Various Shapes and Sizes.

36in. diameter, 6ft.  
31in. high,  
\$5.00 each.  
42in. diameter, 6ft. 3in.  
high, \$5.50.

## RICHMOND SOD CUTTER



We invite the attention of the public to the **Richmond Sod Cutter** as one of the most perfect working and useful inventions of the age. All persons who have ever cut sod by hand need only use one of these machines to realize a hundred fold saving of both labor and cost. For particulars with prices, full particulars and testimonials write to the  
**STEELE BROS. COY., TORONTO, ONT.**  
One machine will cut from 30,000 to 40,000 square feet per day, thus doing the work of Forty Men.  
Circulars on application.  
14-inch Horse Machine, \$80.



### RUSTIO WORK

Always in Stock.

Chairs.....\$1.00 to \$2.00 each  
Saddles.....1.50 to 2.00 "  
Vases.....1.00 to 2.00 "

### BROADCAST HAND SEED SOWER.



This machine has no equal, doing Perfect Work in the easiest and simplest manner. It is strong and light, weighs 5 lbs. It will distribute to the round—wheat, 50 feet; flax seed, clover and oats, 30 feet; timothy, 27 feet, and will sow 20 acres per day. We highly recommend this labor-saving machine.

PRICE, \$3.

### THE LIGHTNING POTATO EYE CUTTER.

Does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter. Full directions, How to Plant Potatoes Cut to One eye, and valuable points in Potato Culture "by a Practical Potato Grower," given with each cutter.  
Price, 50 cts. by mail, post paid.



### BULBS



### FOR FALL PLANTING

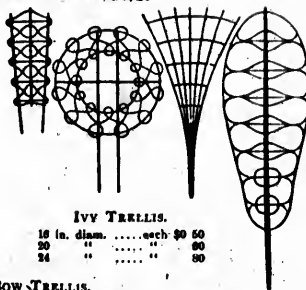
Our Illustrated Catalogue of Bulbs will be published about September and will contain full description of WINTER and SPRING FLOWERING BULBS. Our Collection of Hyacinths, Tulips, Narcissus, Lilies, Iris, etc., are unexcelled, and we recommend to try the scales of these Bulbs are rapidly increasing.

### VERANDA TRELLISES.

2 feet	each	\$0 25
3 "	"	45
4 "	"	55
5 "	"	75
6 "	"	85
7 "	"	1 00
8 "	"	1 25
9 "	"	1 50
10 "	"	1 75
11 "	"	2 00
12 "	"	2 50

### FAN TRELLIS.

2 feet high	each	\$0 30
3 "	"	35
4 "	"	50
5 "	"	60
6 "	"	60
7 "	"	1 25
8 "	"	1 50
9 "	"	2 00
10 "	"	2 50
12 "	"	3 50



### IVY TRELLIS.

18 in. diam. .... each \$0 50  
30 " " " " " 80  
34 " " " " " 80

### BOW TRELLIS.

30 in. stick, 14 in. wide, 26c.  
36 " " " " " 45c.  
48 " " " " " 60c.

### FLOWER VASES.



Iron and Terra Cotta.  
Varying in Price from \$6 per pair to \$50. Write for description.

### EARTHENWARE, FLOWER POTS AND HANGING BASKETS.

The measurement is from outside to outside. Packing charged extra, when ordered. Pots are carefully packed, but we do not assume any risk of breakage.

FLOWER POTS.			SAUCERS.			FLOWER POTS.			SAUCERS.			HANGING BASKETS.
Size.	Price Per Doz.	Price Per 100.	Price Per Doz.	Price Per Doz.	Price Per 100.	Size.	Price Per Doz.	Price Per 100.	Price Per Doz.	Price Per 100.		
Thumb	\$0 10	\$1 00	.....	Plum	\$0 50	\$3 50	\$0 50	.....	From 1c. to 75c. each, according to style.			
Small Verona	20	1 50	.....	Quart	50	5 75	25	.....				
Large	25	1 50	.....	2 "	1 00	7 50	50	.....				
Half Pint	20	2 00	.....	4 "	1 75	.....	75	.....				

THE "QUEEN CITY" LAWN GRASS SEED

are best adapted for  
 their own selection, will  
 be allowed from the



WORK  
 in Stock.

\$1.00 to \$2.00 each  
 1.50 to 2.00  
 1.00 to 2.00

POTATO EYE  
 ER,

any times faster  
 than the knife.  
 It is gauged  
 to cut enough  
 flesh with  
 each eye to  
 strengthen  
 and vitelise  
 it, and does  
 the work in  
 a scientific  
 manner. No  
 crop you intend  
 to use this cutter.  
 Few to Plant Po-  
 tato, and valuable  
 "by a Prac-  
 titioner with each

small, post paid.  
 R VASES.



Verona Ootta,  
 price from \$6 per  
 Write for  
 description.

we do not assume

HANGING  
 BASKETS.

From 15c. to 75c.  
 each, according to  
 style.

# THE "QUEEN CITY" LAWN GRASS SEED.

The Purest, Cleanest and Heaviest Lawn Grass Seed Ever Offered.

WEIGHS FROM 20 TO 25 LBS. PER MEASURED BUSHEL. OTHER LAWN MIXTURES DO NOT AVERAGE OVER 14 LBS. TO THE BUSHEL.



## HINTS ON PREPARATION OF LAWNS.

The ground should be rolled and rolled before sowing. After the seed is sown, the ground should be again well rolled; all weeds must be carefully removed as soon as they make their appearance, and when the grass has grown to the height of three or four inches it should be cut and rolled. Frequent cutting and rolling is of great importance when a fine, close and soft turf is required. May and September are the best months for sowing, and the quantity of seed required for sowing is about one pound to the acre, or forty pounds to the acre.

Grass Seeds for Garden Lawns, Croquet, Cricket and Lawn Tennis Grounds, Cemeteries, Public Parks, Etc., Etc.

\* THAT OUR "QUEEN CITY" is the finest mixture of Lawn Grass seed ever offered, the immense quantity we annually sell is the best proof we can offer. It is the best lawn seed for our Canadian climate, and is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained. Our mixture is the result of several years careful experimentation, and as we now offer it is unequalled. It may not always be generally known that it is, relatively speaking, the *lightest and best* offered, because while the lawn grass mixtures of other seedsmen will not average over 14 lbs. to the bushel, the "QUEEN CITY" brand will weigh from 20 to 25 lbs. per measured bushel. The quantity required for making new lawns is five bushels per acre, or for renovating old lawns 1 to 2 bushels. For a plot 15 x 50 or 100 square feet, 1 lb. is required for seed, or half a pound for renovation. Per lb., 40c.; post paid 45c.

**LAWN FERTILIZER.**  
 If you desire a Handsome, Bright Green and Luxuriant Lawn, there is nothing to equal our Special Brand of Lawn Fertilizer. 5 lbs., 50c.; 10 lbs., 75c.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.80.  
 Seed for descriptive Circulars of Continental and Philadelphia Lawn Mowers. See page 4.

A  
 BEAUTIFUL  
 LAWN  
 GLADDENS  
 THE  
 GARDENER'S  
 HEART.



# THE STEELE BROS CO<sup>LD</sup>

TORONTO.

1891.



VIEWS IN WHOLESALE DEPARTMENTS.

NEARLY TWO ACRES FLOOR CAPACITY.







