Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
Giant White Hyacinth Bean Daylight per pkt 10¢
Giant Hyacinth Bean Darkness per pkt 10¢
Gloxinia Flowered Pentstemon
Mixed Colors per pkt, 15¢
New Daybreak Aster per pkt, 10¢

SPECIAL OFFER: ONE PACKET EACH 30¢
SPRING being the most favorable time for sowing lawn grass seed, we would advise every person intending to sow a piece of ground for a lawn to have it in good time richly manured and carefully dug, levelled and raked, and after procuring a proper mixture of such grasses as we offer, for the purpose of procuring a good lawn, sow the same rather thick, carefully and evenly on a calm day. The sower should be provided with boards strapped to his boots to prevent his feet from sinking into the ground and producing holes. The sowing should be commenced on one end of the ground and the seed be gently raked into the ground as it is sown. To protect the fine germ of the grasses from the rays of the sun in spring and summer, following, it is advisable to mix a moderate quantity of rye among it when sowing the grass seed. As the rye grows much more vigorously than the grass seed, it has to be cut frequently, and as soon as it is about six inches in height; it should never be allowed to grow above this height. In the autumn the rye will perish of itself, leaving only the perennial grasses, which by that time will have gained sufficient strength to do without protection, excepting, perhaps, a slight covering of litter during the winter. Care should be taken to prevent any one passing over or using the ground the first year, and until it is sufficiently settled.

The Lawn Grass Seed we offer is a judicious mixture of the most hardy and desirable kinds. The quantity required for an acre is from 20 to 50 lbs.; or for renovating old lands, 20 to 30 lbs.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of all suburban homes—and without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.

**"Shady Nook," Mixture**—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine award where few other grasses can exist. Sow 40 lbs. per acre. Per lb. 50c.

**BLUE GRASS, Extra Clean**—Per lb. 15c. 10 lbs. $1.40.

**RED TOP, Extra Clean**—Per lb. 15c, 7 lbs. 70c, 10 lbs. $1.40.

**SIMMERS' ENRICHED, for old and new lawns**—For full description see previous page. 5 lbs. 50c, 10 lbs. 75c, 25 lbs. $1.50, 50 lbs. $2.75, 100 lbs. $5.00. Prices for larger quantities on application.

---

**THE PENNSYLVANIA HAND LAWN MOWERS**

The Latest Improved, Easiest Running and Handsomest Mowers Made. Circularrs on Application.

In buying the Pennsylvania, you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair, and have a Lawn Mower for future use when others are consigned to the old iron pile.

Each machine is warranted to work as represented.

**Prices of the Pennsylvania Lawn Mower:**

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<th>Description</th>
<th>Price</th>
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<tr>
<td>10 inch, 8 inch wheel</td>
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<td>12 inch, 8 inch wheel</td>
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<td>The Pennsylvania High Wheel Lawn Mowers</td>
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<td>19 inch, 10 inch wheel</td>
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<td>12 inch, 14 inch wheel</td>
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<td>Brah Grass Catcher</td>
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**CANADIAN LAWN MOWERS**

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<td>Grass Catchers for High Wheel Mowers, 12 and 14 inch, each</td>
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**CONTINENTAL LAWN MOWERS**

Circularrs on Application.

It is the lightest running, swiftest cutting, and almost noiseless. We have no hesitation in recommending this machine.

Price—14 inch, $10.00; 16 inch, $11.00; 18 inch, $12.00. Special machine for high grass—15 inch, $15.00; 17 inch, $16.00; 19 inch, $17.00.

**CHAMPION LAWN MOWER SHARPENER**

Price, each $1.00. Circular on application.
ORDER SHEET for Seeds, Bulbs, Plants, Tools, Etc.

J. A. SIMMERS,
Nos. 147, 149 and 151 King St. East, TORONTO, CAN.

We give no warranty, expressed or implied, as to variety, growth, productiveness, or any other matter, of any Seeds, Plants or Bulbs we sell; nor shall we hold ourselves in any way responsible for the crop; every order received will be filled by us, on these conditions only. If the purchaser does not accept the goods on these conditions they must be returned at once, and the money, that has been paid will be refunded. Agents are not authorized to change the above terms and conditions of sale.—J. A. SIMMERS.

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Date Rec'd.

No. of Page.

Paid by.

Date Sent.

Cost of Carriage.

Put up by.

Adv. by.

SEEDS.. BY MAIL

WE SEND FREE BY MAIL ALL SEEDS EXCEPT POUNDS OF BEANS, CORN and FENS, FIELD CROPS, SUGAR BEETS, FIELD TURNIPS, MANGOL, CLOVER, GRASSES and BIRD SEEDS. Any orders for such, please add Postage at the rate of four CENTS PER POUND to Post Office in CANADA; FIFTEEN CENTS PER POUND, or fraction thereof, to NEWFOUNDLAND, and ONE CENT PER OUNCE to UNITED STATES. WE GUARANTEE SAFE ARRIVAL OF ALL PACKAGES FOWARD BY MAIL.

<table>
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<td>Bushels</td>
<td>Quarts</td>
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Names of Seeds Selected from Catalogue for

Amount Carried Over

Extra Order Sheets and Return Envelopes Sent on Application.

BE SURE TO SIGN YOUR NAME.
J. A. SIMMERS' Order Sheet for Seeds, Bulbs, Plants, Tools, Etc. (Continued)

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Amount Brought Forward,

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<th>Packets</th>
<th>TOTAL</th>
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THE MOST BEAUTIFUL LAWNS IN CANADA

ARE MADE WITH

Simmers' "Toronto Parks" Lawn Grass Seed

WHICH we will be large or small quantities to suit the proportions lawn or the modest show-yard plot. With it, you can recreate old or restore new Lawns and Grass Plots as swift as velvet and so grow as complex all summer long.

TORONTO PARKS MIXTURE, Finest Quality (with or without White Clover). Per lb. post paid 35c. $1.25; 10 lbs $7.50; 20 lbs $13.75; $20 lbs $26.00; 50 lbs $52.00.

White Dutch Clover, for Mixing with Lawn Grass Seed—Per lb. 40c.

"SHADY NOOK" MIXTURE—For sowing under trees or shade places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow at the rate of 25 lbs per acre. Per lb. 40c; post paid 30c.

BLUE GRASS, Extra Clean—Per lb. 45c, 10 lbs $3.50.

RED TOP, Extra Clean—Per lb. 45c, 10 lbs $3.50.

Simmers' Lawn Enricher, for old and new lawns. Per full description see under Per

Remarks

If wanted in cotton bags, add 20c. each
" " linen " " 10c. "

We make no charge for boxes or cartage.

TOTAL, — — — $

N.B.—Before closing, kindly give the names of some Farmers, Market Gardeners or Amateurs in your neighborhood who will be likely to want a supply of Seeds, etc. — J. A. S.

Try Our Specialties on Front and Back Covers of this Catalogue.
Cash Buyers

On Orders from this Catalogue, Purchasers may select Premiums as follows:

1. --- 25c. Worth of Seeds EXTRA
   packets and ounces extra for each dollar’s worth of packets and
   ounces. Thus 25c. is the value of 100 cents. (For 1901).

   (New for 1901), with every order amounting to 50c. or over.

3. --- Or “Our Farm of Four Acres and the Money we made by it”
   With every order amounting to $2.00 or over.

4. --- Or “American Gardening”
   (Regular subscription $1.50 per year), a Weekly Magazine, given away
   with all orders of $6.00 or over.

5. --- Or An English Garden Trowel
   With every $2.00 Order of Seeds we will give one strong English
   Garden Trowel, the most useful tool the amateur gardener can have.

6. --- Or A Hazeltine Hand Weeder
   With every $2.00 Order of Seeds will be given one Hazeltine Hand Weeder, made
   of the best solid steel, good size and durable.

We Pay the Postage To any Post Office in the Dominion

On all Vegetable Seeds

Also Flower Seeds, Bulbs, Roses, Vines and Plants, except where noted. Add 4¢ pint on Beans, Corn, Peas
and Field Seeds, if wanted by mail. Vegetable Seeds by the peck or bushel, Farm Seeds,
Tools, etc., are F.O.B., Toronto, purchaser to pay transportation charges.

No. 12 “Iron Age” Wheel Plow and Cultivator

In the accompanying cut we show a tool of exceeding lightness but of
great strength, which is designed to do greater variety of work than any
other tool of the same price. It will accomplish all the work in cultivation
needed to be done in a small kitchen garden—plowing, furrowing, covering,
loosening, tilling and cultivating. This tool is a friend of the
laborer or mechanic who can afford only to invest a small amount of money
in a garden tool, and whose few moments in a garden must be devoted to
“straight-ahead” work. Price $3.50.

Common Sense About Seeds

Any seeds are seeds. True! So any tea is tea; so any flour
is flour. But grades differ. It is so with seed. There are grades.
If you understand seeds as well
as you do tea and flour, it would be easy to determine. But you
don't. How should you when all look alike?

When you are going to buy a commodity whose value you don't
know, you pick out an old-established house to trade with, and
trust their experience and reputation. Do so when buying seeds.
You can buy seeds at almost any price you choose to pay. But
a few cents' reduction in the price may mean a reduction of many
dollars in the value of the crop. Can you afford to take such
chances?

For nearly fifty years we have sought the trade of those who appreciate the BEST SEEDS at fair prices; and that we
have been successful in furnishing such is evidenced by the fact
that our business is to-day the largest of any house in
Canada, direct with critical market gardeners and experienced
growers who plant for profit and whose wise motto always is

"Not How Cheap, But How Good."
Please introduce Our Catalogue Among Your Friends.

Having gone to great expense in issuing this illustrated and descriptive catalogue, and considering that we MAIL IT FREE OF CHARGE, we trust our Friends and Customers will see that it is placed where it may be serviceable and remunerative to us, kindly recommending our firm, for which we shall feel extremely grateful, and who have no use for it, would confer a great favor by advising us of some one to whom it would be of benefit.

VEGETABLE AND FLOWER SEEDS

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MAIL ORDERS

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NEW CUSTOMERS have been to thousands of others who are now regular customers. ORDERS BY MAIL A SPECIALTY.

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<td>Horseradish</td>
<td>270-279</td>
<td></td>
</tr>
<tr>
<td>Horse Radish</td>
<td>280-289</td>
<td></td>
</tr>
<tr>
<td>Kale</td>
<td>290-299</td>
<td></td>
</tr>
<tr>
<td>Kohl Rabi</td>
<td>300-309</td>
<td></td>
</tr>
<tr>
<td>Lavaterus Sylvestreus</td>
<td>310-319</td>
<td></td>
</tr>
<tr>
<td>Leek</td>
<td>320-329</td>
<td></td>
</tr>
</tbody>
</table>

MAIL ORDERS

So simple; so sure. Select from this Catalogue what's wanted. Order by mail and you can depend on the minutest wants being supplied.

NEW CUSTOMERS have been to thousands of others who are now regular customers. ORDERS BY MAIL A SPECIALTY.
NEW EARLY TOMATO “FREEDOM”


Almost every grower and buyer of Tomatoes boasts, with more or less justice, that he has the “earliest Tomato.” The claim so often reiterated clearly evidences the absolute need of such a vegetable. Years ago Early Ruby was introduced which has ever since held a prominent place in the gardening world. In common with other varieties, it had a few faults, but there has now been secured a sort that will prove to be not only as early, but so far as we are able to judge, the equal of any sort for form, color, solidity, or any other essential quality. It has been tried for two successive seasons, and in each case it has been as early as Early Ruby and a host of other claimants for earliness. Its value, however, lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while all other so-called “Earliest” are ripening only a few.

To bring this down to figures, we may say that on August 6th there was gathered from one row of Early Ruby 34 fruits, from Acme 14 fruits, while from FREEDOM the number gathered was 46, and they were all sound and transplanted at the same time.

These figures indicate clearly its great and prolific earliness, and this, combined with its handsome appearance, renders it preeminently the best early sort. The plant is medium in size, presenting no peculiarity of foliage or habit. The fruit is borne mainly in clusters, perfectly round, having no sign of concave base, of a bright, dazzling shade of scarlet. The texture and toughness of the skin insured its value as a shipper. The flesh is remarkably solid, having few seeds. The flavor is perfect, absolutely free from any acidity.

We call attention to our illustration, for further acquaintance with this variety, and have no hesitancy whatever in recommending it to any class of growers not only for extreme early use, but as a good all round variety. Price, 10c pkt, oz 30c, 2 oz 50c, 1 lb $1.00.

THE “MAGNUS” TOMATO

This very distinct and most promising variety, of the color of Beauty and Acme, is thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation. It is unsurpassed in beauty, and in the production of fine large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. It has been tested for several years for standing up in the open field, as well as for forcing in greenhouses, and we believe it to be entirely unequalled for such purposes.

PRICE—Per pkt 10c, oz 30c, 2 oz 50c, 1 lb $1.00.

TOMATO—New Dwarf Golden Champion

DWARF GOLDEN CHAMPION TOMATO—In dwarf, compact habit of growth and crumpled foliage the plant is an exact counterpart of the well-known DWARF CHAMPION, but the large handsome fruits are of a beautiful lemon-yellow color, very solid, and of unusually fine flavor and more productive. Never before have we had a yellow Tomato that was so large, solid and fine flavored. The handsome, large, lemon-yellow fruits are always clean and of excellent flavor, being free from any acidity. They are very desirable for slicing and most showy when served on the table, either alone or in connection with slices of a good red tomato. They are also desirable for cooking in any way, but specially for making “Tomato Butter” and other preserves, as their beautiful color, when preserved for winter use, makes them most attractive.

PRICE—Per pkt 10c, per oz 30c, 2 oz 50c, 1 lb $1.00.
Simmers’ Premier Cabbage

As Early as the Wakefield and one-third
More Productive

This Cabbage has been grown by a number of progressive gardeners, and it has given entire satisfaction. It is of the type of the early “Allhead,” resembling it in habit of growth, but is smaller and as early as the Wakefield. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is very uniform, round in shape, slightly flattened, very solid even before the Cabbages attain their mature size. The flavor is excellent. On account of its shape, productiveness and solidity it will prove a serious rival to the Wakefield, hitherto the most profitable and best early Cabbage. Gardeners cannot afford to be without this as it will be a good “seller,” round Cabbages receiving always the preference if offered in competition with pointed heads, while its compact form and good quality will commend it for the private garden.

Price per pkt 10c, oz 40c, ½ lb $1.25.

Earliest Sheffield Sugar Corn

As Hardy as the Adams;
As Early as “First of All”

This new extra early variety is the result of a cross between the Cory and Extro Early Adams. It combines not only the merits of these two leading early varieties, but is really superior to either. The “Sheffield” can be planted fully as early as the Adams (or when the trees are first starting out in leaf), as the young plants will withstand slight frosts. All other true sweet corns are much more tender, and the seed will root if planted before the soil is warm. The stalks are strong and vigorous, with abundant leafage, growing about five feet in height, bearing one or two fine ears to a stalk. The ears are quite large for so early a variety, of the handsome appearance shown in the illustration. The grains are of medium size, arranged in ten or twelve regular rows, well filled to each end or the ear. Juicy, and of fine, sweet flavor if gathered at the proper stage; if left grown too long it becomes rather dry, as would naturally be expected from so hardy a variety. For an early garden variety, or to plant early to market, “Sheffield” is a distinct acquisition, both on account of its hardiness and entire freedom from “smut.”

Per pkt 50, per pint 20c, quart 50c.

Simmers’ Imperial Celery

This variety is not a sport or hybrid, white or yellow, but a green Celery of the old familiar kind.

When fully grown the outer stalks average two inches wide and are nearly as thick as a man’s finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass.

After growing to a great size it lends itself readily to the blanching process, assuming a rich, yellow tinge in the heart, and presenting a very attractive appearance.

Per pkt 10c, oz 50c, 2 oz 90c.

Emerald Cucumber

Remains rich dark green until fully ripe ...

This is the most valuable Cucumber introduced in many years. It has all the good qualities of the White Spine, with the additional advantage of having a rich dark green color during the entire period of its growth, making it an evergreen cucumber. The vines are exceedingly productive, fruits set easily and are very handsome, long and straight, entirely free from spines. In quality, fine, being very solid, crisp, tender and of pleasing flavor. On account of their straight and slender growth and dark green color the young fruits make excellent pickles, and the ripe fruits make better “sweet pickles” than any other variety. Those who grow cucumbers under glass will appreciate the “Emerald” as it is a splendid forcing variety, and the fruits are so firm that they readily stand shipping long distances.

Pkt 5c, oz 10c, 2 oz 25c, ½ lb 50c.
**Radish “Triumph”**

This variety is both unique and useful. It is very early, being a Twenty Day Radish, of globular form and its roots are very short, which makes it valuable for cultivation under glass. The flesh is very crisp and solid and of mild flavor. Its most distinctive feature, however, is the unique color of the skin. The around color is pure white, striped horizontally with bright scarlet. It is a most attractive ornament for the table and market gardens and will find ready sale for it. Some of the roots may come in solid color, the strain being quite fixed yet.

Pkt 10c, oz 20c, 2 oz 35c, ½ lb 60c.

**Radish “Sakurajima Giant”**

Mammoth Radish. Sakurajima is white in color, the top a little green, and we believe it can be used in this climate as a winter radish, without the largest radish known, 6 ft. in circumference and often weighs 10 to 30 lbs. It is thick in the middle and tapers slightly towards both ends. The Japanese are very fond of this radish. It is eaten raw, cooked, or preserved in salt, and has a sweet wholesome taste.

Pkt 10c, 2 oz 25c, ½ lb 40c.

**Radish “Leafless Bright Scarlet”**

Extra early; remarkable for the small size of its leaves; the roots grow so quickly they are practically in advance of the leaves, and for that reason it is called Leafless. Its peculiar, crumpled leaves “are few and far between.” A beautiful bright color and crisp, tender flesh is excellent.

Pkt 5c, oz 25c, ½ lb 50c.

---

**Kleckley’s Sweet Watermelon**

Large oblong Melon, 20 inches in length by 10 to 12 inches diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large solid heart which does not crack open when ripe. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. This melon is, we believe, the best table melon today.

Pkt 5c, oz 10c, 2 oz 15c, ½ lb 30c, lb $1.00.

**The Gradus Pea**

This extra early, dwarf growing pea is a great advancement. It combines the finest quality, with extreme earliness and is also very productive. The smooth varieties of Early Peas have herebefore filled their place in a way, as they could be planted very early, while the wrinkled sorts could not be planted until milder weather, but there has been the need of an "extra early" which would also have that sweetness and fine flavor of the wrinkled varieties. "Gradus" therefore fills the want, and is the first extra early wrinkled pea. It is very hardy, and can be planted fully as early as the smooth peas; grows vigorous and healthy; vines 3 feet in length and is very prolific, bearing pods fully as large as Telephone, usually containing from 8 to 10 large peas. The color of the shelled peas is a beautiful light-green, which color they retain after being cooked; the quality and flavor is delicious, and the peas remain tender and sweet for a long time.

The "Gradus" is bound to become a favorite with both market gardener and amateur wherever grown.

Pkt 5c, pint 20c, quart 35c, peck $2.00.
VEGETABLE SEED COLLECTIONS

FOR THE

CITY GARDEN, SUBURBAN GARDEN and COUNTRY GENTLEMAN'S HOME

They are Free by Mail on Receipt of Price. Not Subject to any Discount or Premiums.

These Collections contain only TRUE AND TRIED KINDS

Considering the extremely low rates, we cannot possibly permit any Changes in the varieties.

No. 1

COLLECTION

33 Pkts.

Bean—Simmer's Giant Wax.
Bean—Improved Valentine.
Bean—Edmund's Blood Turnip.
Cabbage—Early Jersey Wakefield.
Cabbage—Vanderwag.
Carrot—Scarlet Intermediate.
Celery—Golden Self-blanching.
Cucumber—White Plume.
Corn, Sweet—Cory.
Corn, Sweet—Ne Plus Ultra.
Cucumber—Chicago Pickle.
Cucumber—Long Green.
Lettuce—Simmer's Nonpareil.
Lettuce—Simmer's Early.
Muskmelon—Green Nutmeg.
Muskmelon—Simmer's Dominion Musk.
Watermelon—Cuban Queen.

Contains 33 packets of the best Vegetable Seeds, sufficient to furnish vegetables throughout the year, and 1 packet of Flower Seeds, which we will send prepaid to any address in the Dominion of Canada for the extremely low price of $1.00.

25c.

Garden Collection No. 3

8 Packets for 25 Cents.

Beet—Edmund's Blood Turnip.
Carrot—Scarlet Intermediate.
Cucumber—White Spine.
Lettuce—Simmer's Nonpareil.

Garden Collection No. 2

16 Packets for 50 Cents.

Beet—Simmer's Giant Wax.
Bean—Edmund's Blood Turnip.
Carrot—Scarlet Intermediate.
Corn, Sweet—Cory.
Cucumber—White Plume.
Cabbage—Long Green.
Lettuce—Simmer's Nonpareil.
Lettuce—Simmer's Early.
Muskmelon—Green Nutmeg.
Muskmelon—Simmer's Dominion Musk.
Watermelon—Cuban Queen.
Onion—Large Yellow Strasburg.
Onion—Prize-taker.
Parsley—Champion Moss Curled.
Parsnip—Improved Hollow Crowned.
Pepper—Sweet Spanish.
Peas—American Wonder.
Peas—Stratagem.
Pumpkin—Masoomoth.
Radish—Oliveshaped Scarlet.
Radish—Scarlet Turnip, White Tipped.
Salsify—Mammoth Sandwich Island.
Squash—Summer Crook Neck.
Squash—Hubbard.
Turnip—Purple Top, Strap-leaved.
Tomato—Early Ruby.

And pkt Wild Garden Flower Seed Mixture.

Also a copy of Simmer's Vegetable and Flower Garden.

75c.

FARMERS' Vegetable Collection No. 4

Price 75 Cents.

Contains 1 ounce Beet, 1 pound Beans, 1 ounce Carrot, 1 pound Sweet Corn, 1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION No. 5

Suitable for Manitoba and North-West Territories

16 Packets for 50 cents, Postpaid

Beans—Simmer's Giant Wax.
Beet—Half Long Blood.
Cabbage—Premium Flat Dutch.
Cabbage—Savoy Large German Drumhead.

Carrot—Early English Horn.
Celery—Simmer's Large Ribbed.
Endive—French Moss Curled.

Lettuce—Hanson.
Onion—Large Yellow Strasburg.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.

Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Strasburg, 1 pkt.; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.

Peas—Stratagem.
Radish—Scarlet Olive.
Salsify—Long White.

And 1 pkt Wild Garden Flower Seed Mixture.

THE "CITY AND SUBURBAN GARDEN" COLLECTION

Price $1.00, Free by Mail.

Contains 20 Distinct Varieties of Vegetables, viz.:

Beet—Blood Turnip, 1 pkt.
Beans (none of which require staking) — Dwarf Snap, green pod, 1 pkt.; Dwarf Snap, yellow wax pod, 1 pkt.; Bush Lima, 1 pkt.
Cabbage—Early Jersey Wakefield, 1 pkt.
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, 1 pkt.

Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Strasburg, 1 pkt.; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.

Peas (none of which require staking) — American Wonder, 1 pkt.; Dwarf Telephone, for successions, 1 pkt.; German, 1 pkt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden and provide a means of healthy exercise and delightful recreation. In order to encourage "Young Canada" we offer : "OUR BOYS" Collection, 12 pks., for 25c., Postpaid

Beans—Canadian Wonder.
Bean—Flat Egyptian.
Corn—Curled.
Cucumber—Improved Long Green.
Lettuce—Nonpareil.

Muskmelon—Hackensack.
Watermelon—Coles' Early.
Onion—‘'Pritzaker.”
Radish—‘'Rox Gem.”

Squash—Mammoth Whale.
Tomato—Aristocrat.

And 1 pkt Children's Flower Mixture.
All full sized 6 and 10 packets, for 5c.
MAIL ORDERS FILLED PROMPTLY

To Our Friends and Patrons

GREETING:

This being the Forty-sixth Year since establishing our immense Seed, Bulb and Plant Business in Toronto, in greeting our numerous friends and customers, in 1901, we offer a quadri-partite Catalogue of Seeds, Bulbs, Plants, etc., for 1901, take this opportunity of returning to you the heartfelt thanks of our numerous customers for the pleasant expressions of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealing.

Our Catalogue.

We here wish to say, that, doing our utmost to make mention in this Catalogue of every new variety and curiosity we have been able to obtain, we shall thus present a larger range of seed than has ever been attempted before.

Our Stocks.

Our Seed Stocks have been kept up to our high standard of excellence; our plants are well grown and healthy; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grades procurable.

Our Prices.

To our constant aim to make Highest Quality a first consideration, and then to make our prices low as a result of the inordinate prices of seeds, gives us the highest standard of excellence, and will in all cases be realized by those who use our seeds, and success achieved can only be maintained by the methods that obtained it.

Orders.

We endeavor to be liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest pains are taken to see that all orders are of large or small; and that amateurs not acquainted with the varieties offered, will, by leaving the selection to us, have the benefit of the best that can be offered.

About Warranties.

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we have no control. We give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the failure of any crop; every order received will be filled as we are able with these conditions on only.

Table Showing the Quantity of Seed Usually Sown Upon An Acre.

<table>
<thead>
<tr>
<th>Lbs. per Bushel.</th>
<th>Lbs. per Bushel.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carley, Broadcast</td>
<td>48 2 to 3 bush.</td>
</tr>
<tr>
<td>Leek, Dwarf, in drills</td>
<td>60 1 to 2 bush.</td>
</tr>
<tr>
<td>Beets, Pole, in hills</td>
<td>100 15 to 20 lbs.</td>
</tr>
<tr>
<td>Cabbage in beds &amp; hill</td>
<td>1 lb.</td>
</tr>
<tr>
<td>Arrot, in drills</td>
<td>4 to 6 lbs.</td>
</tr>
<tr>
<td>Celeriac, in drills</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>lov. White</td>
<td>15 to 16 lbs.</td>
</tr>
<tr>
<td>Ail, in hills</td>
<td>15 to 20 lbs.</td>
</tr>
</tbody>
</table>
| lucerne or Alfa-
| tains | 15 to 20 lbs. |
| corn, for fodder | 50 to 60 bush. |
| shallots, in hills | 500 to 600 lbs. |
| Buckwheat | 2 to 3 bush. |
| Lettuce | 15 to 20 bush. |
| Turnip, in drills | 600 10 to 20 lbs. |
| Potato, in drills | 1200 50 to 100 lbs. |
| Spinach | 15 to 20 bush. |
| Squash | 3 bush. |
| Radish | 15 to 20 bush. |
| Turnip, in drills | 600 10 to 20 lbs. |
| Water, in drills | 4 to 6 lbs. |
| Potato, in drills | 500 to 600 lbs. |
| Onion Sets | 100 20 to 30 lbs. |
| Onion, in drills | 80 15 to 20 lbs. |
| Pea, in drills | 500 to 600 lbs. |
| Pumpkin | 50 bush. |
| Squash | 3 bush. |
| Lettuce | 15 to 20 bush. |
| Spinach | 15 to 20 bush. |
| Squash | 3 bush. |
| Squash | 3 bush. |
| Tomato | 1 bush. |
| Turnip, in drills | 600 10 to 20 lbs. |
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| Spinach | 15 to 20 bush. |
| Squash | 3 bush. |
| Squash | 3 bush. |
| Tomato | 1 bush. |
| Turnip, in drills | 600 10 to 20 lbs. |
Artichoke
German—Artischoke. French—Artichaut.
CULTURE—Sow in April in rich soil and transplant to permanent bed the next spring, in hilly three feet apart each way, with three plants to a hill. A rich, deep loam is required and plenty of moisture. Cover with litter or earth in winter.
JERUSALEM ARTICHOKE—The best for general culture. Per pkt 5c, oz 30c.

Asparagus
German—Sparrow. French—Asperge.
(1 oz. for 60 ft. of Drill).

COLUMBIAN MAMMOTH WHITE—A newer and distinct variety that produces shoots which are white and which remain white as long as they are fit for use. Pkt 5c, oz 10c, 2 oz 15c, lb 20c, lb 50c.

CONNOR'S COLOSAL—A very large, productive and distinct variety. Seed per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

Palmetto—It is of very large size, even and regular in growth and appearance. It is very early and immensely productive and of the very best quality. Seed per pkt 5c, oz 10c, 1 lb 15c, lb 50c.

COLUMBIAN MAMMOTH ASPARAGUS

APRASAGUS PLANTS

COLUMBIAN MAMMOTH WHITE—Per 100 1$2.25, 50 for 75c, 25 for 40c. Carriage extra.
Per 100 $1.50, 50 for 80c, 25 for 45c. Postpaid.
LARGE GIANT—Strong two-year-old. Per 100 $1.00, 50 for 50c. Carriage extra.
Per 100 $1.25, 50 for 60c, 25 for 40c. Postpaid.
CONNOR'S COLOSAL—Strong two-year-old. Per 100 $1.00, 50 for 50c. Carriage extra.
Per 100 $1.25, 50 for 60c, 25 for 40c. Postpaid.
Palmetto—Strong two-year-old. Per 100 $1.00, 50 for 50c. Carriage extra.
Per 100 $1.25, 50 for 60c, 25 for 40c. Postpaid.

BEANS
German—Bohn. French—Haricot.

BUSH, DWARF, WAX-PODDED VARIETIES

CULTURE.—Plant as soon as danger from frost is past, in light, warm soil. Drill in about two feet apart, three inches apart in the drills, or in hills three to five feet apart. Avoid cultivating when wet, with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Simmers' Early Giant Wax or Butter—This is really one of the most valuable varieties for either pot or 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, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is an enormously productive variety. Per pkt 5c, lb 20c, quarts (1 lb) 30c, 5 lbs 75c, peck (10 lbs) $1.75.

Valentine Round Podded Bush Beans
GREEN PODDED VARIETIES
BUSH OR DWARF

Taber's I.X.L. the nearest to a stringless green pod Bush Bean in cultivation, it surpasses all others in crispness, tenderness, and flavor, and is also the most productive. The illustration shows the width and thickness of the beautiful, straight green pods, which are almost stringless, full and flabby. Plants of medium height, pod 3 to 10 inches long, light green in color, flesh tender and of the best quality. The pods remain long in edible condition; even when the beans are large the pods are not stringy. Pkt 5c, per lb 15c, 2 lbs 30c, 5 lbs 70c, peck $1.50.

Simmer's Canadian Wonder—It is a giant among green podded varieties, forming a large, robust plant, covered with long thiny, flat pods somewhat similar in shape to the well-known Mohawk, but nearly twice as large, frequently measuring from nine to ten inches in length by three-quarters of an inch wide and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. Per pkt 5c, lb 10c, quart (2 lbs) 20c, 5 lbs 60c, peck (10 lbs) $1.50.

Mohawk—Very hardy and prolific, also very early, good string bean. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (10 lbs) $1.50.

Yellow or Six Weeks—Early, hardy, and most prolific variety; a good reliable cropper. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (10 lbs) $1.50.

Refugeo, or 1,000 to One—Solid Podded, excellent and prolific; much used for canning. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (10 lbs) $1.50.

Valentine, round podded—Early, tender and prolific; good for a string bean or pickling. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (10 lbs) $1.50.

Early China—Red Eye, a well-known and prolific sort, very tender. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (10 lbs) $1.50.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use; excellent for seed when green in pods or dry. Per pkt 5c, lb 10c, quart (3 lbs) 15c, 5 lbs 60c, peck (10 lbs) $1.50.

White Kidney, or Royal Dwarf—A superior variety for baking; is excellent when green in pods. Per pkt 5c, lb 15c, quart (2 lbs) 25c, peck (10 lbs) $1.50.

WARDWELL'S KIDNEY WAX BEAN

BEANS—English or Broad

(N.B.—One pound of Beans is equal to about one pint and will plant about 50 feet of drill.)

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 3 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 15c, quart 25c, peck $1.50.

Early Magadan—The earliest, very hardy and bears freely, best adapted to our climate. Pkt 5c, lb 15c, quart 25c, peck $1.50.

BUSH LIMA BEANS

Burpee's Bush Lima—A dwarf variety of the improved Lima which has been fixed in its character of a bush bean; it is very prolific, single plants often producing from 150 to 200 pods. It requires no poles or staking whatever, and should be planted about two feet apart in the rows. Per pkt 5c, pint or lb 20c, quart 40c, 5 lbs 90c, peck $2.25.

Henderson's Bush Lima—It grows without the aid of poles, in compact Bush form, about 18 inches high, and is very early. Per pkt 5c, lb 20c, quart (3 lbs) 40c, 5 lbs 90c, peck $2.00.

POLE BEANS

Pole Beans, being tender; ought not to be planted until the ground is dry and warm. A well manured, sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans to hill; eyes downward, afterwards thin to three plants in a hill. Set poles 8 to 10 feet long before planting seed.

"Golden Champion"—The leading Early Wax Pole Bean, fully two weeks earlier than any other variety. Giant Yosemite Wax in size and form; color light yellow, and are absolutely stringless and tender. Pkt 5c, pt 20c, qt 40c, 5 lbs $1.00, peck $2.00.

Lazy Wife—Large pale green pods; very thick and stringless, rich, tender and buttery; ripens early; clings well to poles, enormously productive, splendid either as a snap or shell bean, retains its flavor until nearly ripe (seeds out). Pkt 5c, lb 20c, qt 40c, 5 lbs $0.75, peck $2.25.

Golden andausia Wax—The pods are 6 or 8 inches long, broad, thick, very fleshy, and entirely stringless, surpasses all other varieties in these respects; garden fresh, most of pods are from 5 to 6 inches long, exceedingly rich, buttery and fine flavored when cooked. Pkt 5c, lb 20c, qt 40c, 5 lbs $1.00, peck $2.50.

Asparagus or Yard Long (Genuine)—It is a Pole Bean, with dark green foliage and immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck $1.50.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck $1.50.

Improved Large Lima—Unsurpassed and universally grown for private use, very early and tender. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck $1.00.

Kentucky Wonder, or Old Homestead—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor and are most excellent for snaps. This is one of the best and most prolific Beans for the market gardener, as the pods being so showy and produced in great abundance. Pkt 5c, pt 20c, qt 40c, 5 lbs 75c.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table use. grows 2 or 3 feet tall; flowers from 6 to 8 inches high; dazzling scarlet flowers. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck $1.50.

Giant White Runner—A white seedled variety of Scarlet Runner, but earlier and more prolific, producing immense pods in great abundance. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, peck $1.50.

When ordering Beans, Peas or Corn to be sent by Mail, please allow 4 cents per Pound for Postage.

BROCCOLI

CULTURE—Same as Cauliflower.

German—Spargel-Kohl.
French—Chou Brocoli.

Early Purple Cape—Heads medium size, close and compact, sure to head. Pkt 5c, oz 20c, 2 oz 40c, 1 lb 75c.

Chechen White—It bears large compact heads of a creamy white color and of good flavor, can be grown where Cauliflower makes an uncertain crop. Pkt 5c, oz 20c, 2 oz 40c, 1 lb 75c.

Lazy Wife Pole Beans
Early Blood Turnip

SIMMERS' EXTRA EARLY—Combines more good qualities than any other variety. Rich red flesh. Exceedingly tender. Remarkably early. In this early Beets we have secured more good qualities than were ever combined in any one variety before. In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. But it is when prepared for the table that its fine qualities become most apparent, the fine, rich color making it conspicuous. The flesh, of delicate texture, is rich, sugary and entirely free from fibre. Price, pkt 5c, oz 10c, 2 oz 20c, $ lb 30c, lb $1.00.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intensely red, very fine grained and sweet, an excellent sort—see illustration. For pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction—see illustration. For pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Borecole or Kale

CULTURE—Borecole or Kale may be grown in almost any soil, but the richer the soil is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as for Cabbage. The varieties are all extremely hardy and are best when touched by frost.

Dwarf German Curled Scotch—Very hardy, one of the best. Per pkt 5c, oz 10c, 2 oz 25c, $ lb 40c.

Dwarf Curled German Greens, or Sprouts—Early and very tender. Per pkt 5c, oz 15c, 2 oz 25c, $ lb 40c.

Tail Green Curled Scotch—This is very hardy and improved by a moderate frost. About thirty inches tall with an abundance of dark green leaves, which are densely curled and cut, forming a very beautiful plant. It stands the winters in the Middle States without any protection. For pkt 5c, oz 15c, 2 oz 25c, $ lb 40c.

Plumago—Very early, producing variegated leaves, suitable for ornamental and bedding purposes, also excellent for table. Per pkt 5c, oz 15c, 2 oz 25c, $ lb 40c.

Early Dark Red Flat Egyptian Beet

Dewing's Improved Blood Turnip—Roots of deep blood, and of fine form and flavor. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Early Bassano Flat Red—Very clear, tender and sweet, rose color, grows to a good size. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root; of good marketable size, and for table use no variety can excel it in fine quality. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Half Long Deep Dark Blood Red—The best for family use, tender, sweet, not requiring to be out in two for boiling. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Whyte's Very Deep Long Blood Red—Very choice and long. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 70c.

Extra Long Smooth Deep Blood Red—The most popular kind for general use, keeps well. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 50c.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep dark metallic lustre. Per pkt 5c, oz 15c, 2 oz 25c, $ lb 75c, lb $2.00.

Silver Beet or Swiss Chard—Sometimes called Sea Kale Beet; a variety with beautiful and tender leaves, used for "Spinach," the mid rib is used and served as Asparagus. Per pkt 5c, oz 10c, 2 oz 15c, $ lb 20c, lb 75c.

BRUSSELS SPROUTS

German—Kopfblohl Gruner.
French—Chou de Bressoles.

CULTURE—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers.

Large Tall French (Dalmeny)—A very fine variety; the sprouts are large and solid and of luscious flavor. Per pkt 5c, oz 15c, 2 oz 25c, $ lb 40c, lb $1.50.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Per pkt 5c, oz 15c, 2 oz 25c, $ lb 40c, lb $1.50.
EARLY VARIETIES

SIMMERS' PREMIER—For description see Novelties. Pkt 10c, oz 40c, 1 lb $1.20.

FRENCH EARLY SPRING CABBAGE—A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield, and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred and from any rankness of flavor. Pkt 10c, oz 30c, 2 oz 85c, lb $1.00.

BURPEE'S ALL-HEAD EARLY—This is the earliest of all large cabbages, being a week earlier than any of the various strains on Early Summer Cabbage. Pkt 56c, oz 20c, 2 oz 85c, ½ lb 60c, 1 lb $2.

Extra Early "Express"—From 8 to 10 days earlier than the Early Europeans, which it resembles in shape, though smaller, being closer. It has few outside leaves and can be planted close. For a very quick forcing, sort it. Pkt 56c, oz 15c, 2 oz 50c, ½ lb 40c, 1 lb $1.50.

Henderson's Early Summer—A standard early variety, much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Pkt 56c, oz 20c, 2 oz 85c, ½ lb 60c, 1 lb $2.00.

EXTRA EARLY ETAMPE—A very early sort, producing mediumsized heads very sharply pointed. It grows quickly, is solid flavored, and for private gardens a desirable sort. Pkt 56c, oz 15c, 2 oz 25c, ¼ lb 40c, 1 lb $1.50.

SELECTED EARLY JERSEY WAKEFIELD—One of the best early varieties for private use. Very solid, means the best, heads of excellent flavor. Pkt 56c, oz 20c, 2 oz 40c, ½ lb 75c, 1 lb $2.50.

Early Winningstad—Pointed head, for summer and winter use, very sound, quality first class, sure to head. An excellent variety for private gardens. Pkt 56c, oz 15c, 2 oz 25c, ½ lb 40c, 1 lb $1.50.

SECOND EARLY VARIETIES

SIMMERS' EARLY GERMAN BRUNSWICK—A second early variety, short stemmed, solid, large light green flat heads, similar but rather superior to St. Denis, most commendable to market gardeners and others, large as Henderson's and nearly as early as early Summer, with remarkably small and short, early plant sure to head. Pkt 5c, oz 20c, 2 oz 25c, ½ lb 60c, 1 lb $2.00.

Henderson's Succession—Handsome, large and a sure header. The Succession is about one week later than the Early Summer, but is more of the same variety. Pkt 50c, oz 15c, 1 oz 35c, ½ lb 65c.

Early French Oxheart—A leading variety among the market gardeners heads very early, tender and of fine flavor. after red is selected from extra fine stock, heads free of small leaf. Pkt 5c, oz 20c, 2 oz 85c, ½ lb 60c, 1 lb $2.00.

FOTTIER'S IMPROVED BRUNSWICK DRUMHEAD (American)—Pkt 5c, oz 20c, 2 oz 25c, ½ lb 60c, 1 lb $2.00.

VANDERGAW—A medium late cabbage. Large green heads, hard and of remarkable excellence. Pkt 56c, oz 20c, 2 oz 50c, 1 lb 60c, 1 lb $2.00.

Early Millinco Flat Dutch—One of the best varieties for winter use, very sound, hard, sure to head. Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

Early Schweinfurt Quintal—Confined both for summer and winter use, very large heads. Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

SAVOY CABBAGE

SIMMERS' PERFECTION DRUMHEAD SAVOY CABBAGE—Heads large and very finely curled, short stock and compact grouping, excellent keeper. Partakes of the size of the Drumhead, with the curl-d leaves and fine flavor of the Savoy. For superior to the ordinary imported Drumhead Savoy. Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

Improved large drumhead savoy cabbage—Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

For Cabbage Plants see Plant List at end of Vegetables.

(One ounce will produce about 3,000 plants.)

LATE VARIETIES

CABBAGE DANISH BALL HEAD—Heads round in form, 8 to 10 inches in diameter, and very solid; few outer leaves, and these folded closely about the heads. The heads keep excellently through the winter when buried, coming out solid in the spring. Pkt 56c, oz 20c, 1 oz 35c, ½ lb 60c, 1 lb $2.00.

The Lupton—Earlier than Flat Dutch. A compact, close growth, sure header, very hard, dark green, quality very fine. Pkt 56c, oz 20c, 1 oz 35c, ½ lb 60c, 1 lb $2.00.

SIMMERS' MATCHLESS FLAT DUTCH CABBAGE—Extremely hardy, handsome and, in appearance, the stumps being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 12 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Pkt 56c, oz 20c, 1 oz 35c, ½ lb 60c, 1 lb $2.00.

Filderkraft—This variety somewhat resembles the Winningstad, but is larger in every way, more pointed, and heads up with fewer outside leaves. Pkt 56c, oz 15c, 2 oz 25c, ½ lb 40c, 1 lb $1.00.

Surchaud—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

AUTUMN KING—The Autumn King is the best keeper we have ever seen; it produces enormous solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Pkt 56c, oz 15c, 2 oz 25c, ½ lb 30c, 1 lb $2.00.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture averages 30 lbs. (American grown seed.) Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

Late French St. Denis—Flat heads, very solid and heavy, one of the most valuable sorts for winter, keeps well all winter. Pkt 56c, oz 15c, 2 oz 25c, ½ lb 40c, 1 lb $1.50.

Late Large French Quintal—One of the largest and most solid kinds heads very good keeping well in winter. Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

Late Flat Dutch—Short stems and large, solid flat heads. Pkt 56c, oz 15c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.

RED CABBAGE

Extra Early Red Dutch Erfurt—Of a very dark, red-colored variety, very valuable for pickling. Pkt 56c, oz 15c, 2 oz 25c, ½ lb 60c, 1 lb $1.50.

Large Late Deep Red Dutch Drumhead—For pickling, solid and uniform, a very attractive red, blood-red color, heads very hard and solid. Pkt 56c, oz 15c, 2 oz 35c, ½ lb 60c, 1 lb $1.50.

Mammoth Red Rock—A selected strain of late red cabbages, heads 2 lbs., 4 to 6 lbs., will average 12 heads each. Pkt 56c, oz 20c, 2 oz 35c, ½ lb 60c, 1 lb $2.00.
**CARROTS**

**Improved Scarlet Intermediate**

This is certainly the best main crop carrot. Our cut is so flattering representation, but shows it as we have seen it in enormous quantities, and we strongly advise our customers to plant it. It is one of the most uniform in shape that we know, and where the soil is favorable it will always grow clean and free from side roots. The crop is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. For private purposes it is ideal, and its yielding capacity is enormous, which, with its handsome color and fine appearance, makes it invaluable to market gardeners. (See cut.) Per pkt 5c, oz 10c, 2 oz 15c, lb 50c, lb 70c.

**Ox-Heart or Half Long German**

Intermediate between the half long and horn varieties, attaining a diameter of three to four inches in the neck, and of most beautiful shape worked in rich orange color. It is of extra fine quality, and very productive. Per pkt 5c, oz 10c, 2 oz 15c, lb 50c, lb 70c.

**Ox-Heart or Half Long Scarlet**

- **German**—Mahren.
- **French**—Carrotte.

One ounce of seed will sow about one hundred feet of drills. Four pounds required for one acre.

**Improved Scarlet Intermediate—** (Stump rooted.) This is certainly the best main crop carrot. Our cut is so flattering representation, but shows it as we have seen it in enormous quantities, and we strongly advise our customers to plant it. It is one of the most uniform in shape that we know, and where the soil is favorable it will always grow clean and free from side roots. The crop is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. For private purposes it is ideal, and its yielding capacity is enormous, which, with its handsome color and fine appearance, makes it invaluable to market gardeners. (See cut.) Per pkt 5c, oz 10c, 2 oz 15c, lb 50c, lb 70c.

**Extra Curled Grass**

One Ounce will sow about Fifteen Square Feet.

**CULTURE.**—Sow thinly in shallow drills, very early in spring, from May 10 to June 10. In the large-leaved varieties, which may be cut two or three times per season, give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress, when well rooted, to the banks of a running stream.

**EXTRA CURLER.**—Standard sort, very fine for salads, may be cut two or three times. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

**Broad Leaved.**—A large-leaved variety, fine piquant flavor. Per pkt 5c, oz 10c, 1 lb 15c, lb 40c.

**Upland Cress.**—(Barbarea Vulgaris) Grown as Spinach and used exactly as Water Cress. It so much resembles Water Cress in taste that the difference is scarcely discernable, and its use should become more general, as it is of as easy culture as Spinach. Indeed, easier, for it is a perennial plant, and can be grown easily for two or three years, without renewing and it yields enormous crops. Per pkt 10c, oz 40c.

**True Water.**—A well known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Per pkt 10c, oz 40c, 1 lb 15c, 1 lb 40c.

**Cardoon.**

The mid-ribs of this vegetable are used while in a tender state, similar to Asparagus, and the young leaves in the form of Spinach. Sow early in May, in rows two and a half feet apart, and thin the plants out to two feet in the row. When the plants have attained their full size, bind them together with matting or twine, and earth them up like celery to blanch. Large Spanish—Pkt 5c, oz 10c, 2 oz 40c, 1 lb 15c, 1 lb 40c.

**Corn Salad—Lamb's Lettuce** (or Petrosius).—German—Acker oder Fell Salat. French—Mache.

**CULTURE.**—Sow about September or very early in spring, to drills half inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

**Broadleaved.**—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 40c.

**Chives.**

German—Schnittlauch.

**CHIVES** are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily, and in time increase so as to form a very dense clump, which can be cut over a very long season, and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

**Seed of the above, per pkt 10c. Roots—Per bunch 25c postpaid.**

**YOU TAKE NO RISK.** In ordering **SIMMERS’ SEEDS** direct by mail and you have the great advantage of being able to select just what you want from this Complete Catalogue of all the Best Seeds.

**Chives.**
CAULIFLOWER

French Choufleur. German Blumen Kohl.

(One ounce of seed will produce about 3,000 Plantes).

For Plants of Cauliflower, Cabbages, etc., see in Plant List.

Cultivation.—When grown to perfection this is a most delicious vegetable, and well repays generous treatment in cultivation. With a deep, rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. For sowing the seed, the same general directions as recommended for Cabbage will answer for this crop.

Simmer's Gilt Edge.—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a sure header, every plant forming a large, solid, perfect head, of remarkably pure white color, of the finest table quality. All family gardeners should bear in mind that our seed of the "Gilt Edge" is so carefully selected that from it a crop of Cauliflower can be grown as easily as a crop of Cabbage. It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort. Pkt 25c, ½ oz $1.15, ½ oz $2.25, oz $4.00.

Early Snowball.—The earliest and most reliable in heading of dwarf habit, with very short outer leaves, allowing it to be planted close together. For pkt 50c, oz $1.65, 4 oz $2.50, 2 oz $4.00, lb $7.50.

Simmer's Extra Selected Early Dwarf Erfurt.—One of the earliest heading varieties in cultivation, small leaved for forcing or open ground; of low growth (extra superior quality of German seed). Per pkt 20c, oz $1.50, ½ oz $3.50, oz $6.00, 2 oz $5.50, lb $10.00.

ALL OUR CAULIFLOWER ILLUSTRATIONS ARE PHOTOGRAPHED FROM ACTUAL SPECIMENS.

Early Dwarf Erfurt Cauliflower

Simmer's "Gilt Edge" Cauliflower

Early Domi-Dur, or Half Early Paris.—Best for general crop, and sure to head, valuable for market gardeners. Per pkt 5c, ½ oz 50c, oz 75c, 2 oz $1.25, 1 lb $2.50.

Late Erfurt Market.—An early, large and very fine German variety; well suited for this climate. Per pkt 10c, ½ oz $1.00, oz $1.50, 2 oz $2.50, 1 lb $4.50.

Large Late Le Normand.—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy and stands dry weather. Per pkt 5c, ½ oz 50c, oz 75c, 2 oz $1.25, 1 lb $2.50.

Large Late Algiers.—An excellent favorite, late variety. Per pkt 10c, oz 75c, ½ oz $1.25, 2 oz $2.50, 1 lb $4.00.

Late Italian or Autumn Giant.—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Per pkt 5c, ½ oz 50c, oz 75c, 2 oz 80c, 1 lb $1.50.

CURLED CHERVIL

German—Kerbel. French—Cerfeuil.

Culture.—A very rich herb, similar in growth and flavor to Parsley, and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are given under that head. Pkt 5c, oz 10c, 2 oz 15c, lb 30c, lb $1.00.

CHICORY

German—Cafeewurzel. French—Chicoree.

Culture same as Carrot.

Large Rooted Magdeburgh—Pkt 5c, oz 10c, lb 15c, lb 40c.

ENDIVE

German—Endivien. French—Chicoree.

Culture.—For early use sow thinly in May, in drills 1 ft. apart, and for a succession, every two or three weeks until mid-summer; during moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarole) — It is chiefly used in salads. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb $1.50.

Early Green, or French Moss Curled.—Very tender, hardy leaves dark green and crisp. Pkt 5c, oz 20c, 2 oz 30c, ½ lb 50c, lb $1.50.

Specimen of the famous Early Dwarf Erfurt Cauliflower

Simmer's Selected Private Strain.)
SIMMERS' CELERY

German— "Selleri"  
French— "Celeri"

**SPECIAL CELERY OFFER:**

Paris Golden Yellow—Medium.  
White Plume—Early.  
Simmers' Large Ribbed Dwarf White—Late.

One Packet of Each for 15 Cents.

(For Celery Plants see end of Vegetable List.)

One ounce will sow a bed of nine square yards, and produce about 25,000 plants—Sow the last of March or early in April, in an open border, in rich, mellow ground, in shallow drills, waiting freely in dry weather. By rolling or pressing in the seed, the result will be more satisfactory than when cultivated. Cut the tops off once or twice before planting out, to make them stocky. When the plants are five or six inches high transplant, the dwarf varieties 3 feet and the taller sorts 4 feet between the rows; plant 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "blanching" after the soil has been drawn well in the hole. It draws closer around each plant with the hand, to keep the leaves firm in an upright position and to prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "handed." This is done by throwing the soil up as close to the plant as possible with a plough and finishing it with a spade, bringing the earth up nearly to the top of the plants. If it is intended to store away for winter use, the "blanching" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with beards to shed the water, and in severe weather protect with straw or leaves.

**Rosa Ribbed Paris Golden Self-Blanching**—The general color is about identical with Golden Self-Blanching, except that the naturally golden colored stalks are suffused with a warm red hue, which gradually fades toward the top of the stalks, where it assumes a bright golden color when properly blanched, an excellent habit for the home gardener. For the table. Price 10c pkt, 40c 2 oz 75c, 1 lb $1.25.

**Giant Golden-Hearted Dwarf**—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. For the table. Price 5c pkt, 25c 2 oz 75c, 1 lb $2.00.

**Sandringham or Prince of Wales Dwarf White**—An excellent dwarf-growing, very solid and crisp variety. Per pkt 5c, oz 20c, 2 oz 50c, 1 lb 80c, 1 lb $2.00.

**Giant Pascali**—It is of fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high; the stalks are very broad, thick and crisp, and entirely stringless; it bleaches with slight "earthing up." Per pkt 5c, oz 10c, 2 oz 25c, 1 lb 50c, 1 lb $2.00.

**New Rose**—The color is a beautiful shade of rose; of exceptionally fine flavor, solid, crisp. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1 lb $3.00.

**Seymour's White Giant**—A good, very large variety, clear white, solid and crisp. Per pkt 6c, oz 20c, 2 oz 50c, 1 lb 80c, 1 lb $2.00.

**White Solid**—Good for general crop, fine nutty flavor, entirely free from hollow stems. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1 lb $1.00.

**Carter's Incomparable Dwarf Crimson**—Keeps well, and is of a fine nutty flavor. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb 80c, 1 lb $3.00.

**Turnip Rooted Erfurt Giant, or Celeriac**—Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb $2.00.

**Flavoring Celery**—Per oz 5c, lb 15c, lb 40c.

"Pink Plums"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of red celeries. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c.

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**SIMMERS' IMPERIAL**—For description see novelties. Pkt 10c, oz 50c, 2 oz 90c, 1 lb $1.50.

**Paris Golden Yellow or Self-Blanching**—The heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching without any covering whatever. Per pkt 10c, oz 50c, 2 oz $1.00, 1 lb $1.50, 1 lb $8.00.

**Simmers' Special Dwarf White Winter**—Solid, crisp, of excellent flavor, one of the best white varieties. The past season, has again proved this celery to be the best adapted for the home or market, on account of its dwarf habit and sweet flavor and keeping well until spring. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb $1.00, 1 lb $3.00.

**Simmers' Large Ribbed Dwarf White**—Perfectly distinct and of a beautiful cream-white color; attains a very large size, has quick growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Per pkt 5c, oz 30c, 2 oz 55c, 1 lb $1.00, 1 lb $3.00.

**White Plume**—I leaves somewhat like an ostrich feather, requires no blanching up to blanch; a very solid, crisp-eating and delicious variety, keeping well until spring. Per pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c, 1 lb $3.00.

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Buy the latest book on growing celery...

"CELERY FOR PROFIT"

Price 30c.

—By T. Greiner.

First-class seeds, of equal quality, cannot be bought anywhere for less money. We know that SIMMERS' SEEDS are the BEST that grow.

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Simmers' Special White Dwarf Winter Celery, the best in cultivation for market gardens and private gardens.
SIMMERS' SWEET CORN FOR TABLE USE

N.B.—When ordered in the ear by mail, we will ship it for convenience in packing. Special quotations given to canners and others requiring corn in quantity. SINGLE EARS OF ANY VARIETY 50c each. One pound will plant about 100 hills; one peck, one acre in hills.

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than any other in habit of growth it is more dwarf and of superior quality, very sweet and tender, a large number of the ears have 10 to 12 rows, while the Cory generally has 8 rows. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Mammoth White Cory—This new strain is fully as early as the original Cory, while the ears are of larger size. The cob being white, the grains are entirely dark and not noticeable in the original strain when the ears are allowed to remain too long on the stalk. The ears of the "MAMMOTH WHITES" Cory retain the purely white kernels of the cob when cooked. Per pkt, 5c, qt 25c, lb 60c, 10 lbs $5.00.

Early White Cory—A selection of the Cory of the same character in all respects, except that it has a white cob and kernels. Very early and a good variety. Per pkt 5c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Early Minnesota—One of the best early varieties, dwarf habit and good quality. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Black Mexican Sweet—A black haired variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

IMPROVED NE PLUS ULTRA (Country Gentleman)—The sweetest and most tender of all Sweet Corns, and one of the most productive sorts, the stocks averaging three ears, sometimes as many as five, per, and cobs and ears pure white. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Perky's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock for 1901 is selected. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Honey Sweet—A most productive variety, bearing three to four good large ears on a stalk, growing vigorously, and coming in as early as Moore's Concord. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Moore's Early Concord Sweet—One of the largest early varieties. Per pkt, 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

LATE VARIETIES

New Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one to ten days earlier. While about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. It is valuable for truckers, canners and private gardeners who want a continuous supply of good sweet corn, as it fills the period between Crosby's Early and the regular Stowell's Evergreen. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

Zig-Zag Evergreen—It comes in about eight days ahead of Stowell's Evergreen; the kernels very much resemble this variety, but grow on the cob in zig-zag fashion. Per pkt 5c, lb 10c, 2 lb 25c, 5 lbs 60c, 10 lbs $5.00.

STOWELL'S EVERGREEN—Large ears ripening late, and most delicious. Per pkt 5c, lb or pt 10c, qt 25c, 5 lbs 60c, 10 lbs $5.00.

THE 3 BEST SORTS OF SWEET CORN FOR SUCCESSION.

To secure a more complete succession, we consider the following the most suitable sorts—EARLY MINNESOTA, MOORES EARLY CONCORD, COUNTRY GENTLEMAN.
Cucumbers.

"Simmers' Vegetable and Flower Garden" is the title of a booklet which gives short cultural instructions on vegetables. It is sent free on orders for vegetable seeds of $1.00 and over, if requested on order.

**Simmers' Improved Extra Early White Spine**

This Private Strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and pickling. a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels in crispness and fine flavor. Selected Seed. Pkt 5c, oz 10c, 2 oz 15c, 1/2 lb 25c, lb 90c.

**Early Cluster**

For description see Novelties. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 90c.

**Simmers' Improved Long Green**

The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 90c.

**Early Prolific**

An old and popular variety of medium size, straight and handsome. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 90c.

**Vestergard's Chicago Pickling**

It is exceedingly prolific, bearing small, well-formed fruit, covered with spines, and of an unusual deep green. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 90c.

**Prolific**

—Primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 90c.

**Cool and Crisp**

—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size and exceedingly tender and crisp. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 90c.

**Seeds of Cucumbers**

**German—Gurken.**

Our Cucumber Seed is Carefully Selected Stock Seed, pure and true to name. One ounce will plant 80 Hills; Two Pounds will plant One Acre.

**French—Concombre.**

**Early**

—For forcing and out-door culture, fine flavored fruit of snow-white texture, great length, containing but few seeds. Per pkt 10c, 3 pkt $0.25.

**Extra Prolific**

—For pickling. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 50c, lb 90c.

**Reduced Price:**

**India Gherkin or Burr** Only for pickling. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 50c, lb $1.00.

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**German—Knoblauch.**

**Garlic.**

**French—Allouette.**

For flavoring soups, stews, and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows 1 foot apart, and from 1 to 5 inches in the rows. Garlic sets—Per oz 5c, per lb 25c. (Special rates for 5 lb lots.)

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**Gourds.**

**Japanese Nest Egg**—These exactly resemble in color, shape and size, the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break, and are uninfused by cold or wet. As the plant is a very rapid growing climber it is very useful for covering fences, etc. Per pkt 5c, oz 25c.

**Dipper**—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Per pkt 5c, oz 25c.

**Luffa, or Dish Rag Gourd**—A native of the East Indies, and in its nature has furnished us with a vegetable dish-cloth, the seeds being enveloped in a sponge-like cloth, which is tough, elastic and durable. Per pkt 5c, oz 25c.

**Sugar Trough**—Very useful for baskets, dishes, buckets, etc., etc. They have hard, thick shells lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

**Mixture**—A collection of the most ornamental, including all the above. Per pkt 10c, 3 pkt $0.25, 7 ppm $1.00.

**Horse Radish.**

Sets—(Good strong ones) ready for sale at any time. 10c each, 4 for 25c, 75c a doz.
CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are required during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July, if a constant succession is required. Sow thinly, in drills or broadcast; quarter of an inch deep, and transplant a foot apart in the richest soil. Hoe frequently, and in dry weather plentifully.

Simmers' Nonpareil Cabbage—This remarkable variety, first introduced by us a few years since, has rapidly grown in popularity among gardeners who all agree in pronouncing it not only the best lettuce they have ever grown for forcing under glass in hotbed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome form and even, beautiful heads are unequalled by any other lettuce. It is the shuest seed and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuces for both the family and market gardener. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $2.00.

**Golden Queen**—A very desirable early variety, of a most pleasing golden yellow color, and second to none for forcing. It is one of the most delectable lettuces we have ever seen, as at first glance it seems to be of medium size, but it forms all solid heads, with little or no waste, so that there is really more in it than in many lettuces double the size. It is very crisp, tender and beautiful, and cannot recommend it too highly. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $2.00.

**Grand Rapids**—Of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting longer than any other. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $1.25.

**Hannover**—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 3 to 3 lbs. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $1.20.

**Silverball Cabbage**—This variety produces a beautiful head, very firm, solid and compact, with handsomely curled leaves, and a delicious flavor. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $1.20.

**Lettuce**—Attractive flavor. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $2.00.

**Green Fringed or California Curled**—Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.25.

**Tennis Ball**—Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.50.

**Drumhead or Matte Cabbage**—Per pkt 5¢, oz 10¢, 2 oz 20¢, ½ lb 30¢, lb $1.00.

**Hanson Cabbage**—Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.50.

**Golden Queen, the Best First Early Head Lettuce**

**The Gardeners’ Favorite**—One of the best heading varieties, suitable either for forcing or open cultivation; heads large and solid. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $1.50.

**Asparagus Lettuce**—The leaves are long and conical, often 18 inches high, which become as stiff crisp and sweet as celery stalks, and are delicious when eaten in the same manner or prepared for salad. The midrib can also be prepared and served up as Asparagus. Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.40.

**Simpson’s Early Curled Cabbage**—(White seeded)—Suitable for forcing. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $1.25.

**Simpson’s Early Curled Cabbage**—(Black seeded)—Forms large, loose heads of thin and exceedingly tender golden yellow leaves; the best curled variety for forcing or sowing out of doors, though on account of its large size it is, under some circumstances, not so profitable for forcing as the smaller sized summer heat. Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 35¢, lb $1.25.

**Hanson Cabbage**—Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.50.

**4 BEST LETTUCE**

**Nonpareil Cabbage**

**Grand Rapids**

**Green Curled Bilsenian**

**Golden Queen**

Each 5¢, a pkt or the 4 for 15¢.

**LEEK**

**German—Latsch. French—Paireau.**

(One ounce will sow a drill of about 100 feet.)

**CULTURE**—The leek is very hardy and easily cultivated; it succeeds best in light but well enriched soil. Sow as early in spring as possible, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible, that the neck being covered, may be blanched.

**Large Scotch or Broad Leaved Flag**—Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.00.

**Large Musseilburgh**—Per pkt 5¢, oz 15¢, 2 oz 25¢, ½ lb 40¢, lb $1.25.

**Kohl Rabi**

**German—Kohl Rabi. French—Chou-rabe.**

A vegetable intermediate between the Cabbage and the Turnip. It is best cultivated by sowing the seeds in rows in May, June and July, according to latitude. In this district we sow 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $2.00.

**Early Purple Vienna**—Similar to the proceeding except the heads are purple. Per pkt 5¢, oz 20¢, 2 oz 35¢, ½ lb 60¢, lb $1.20.
Simmers’ Muskmelons

German—Melonen. French—Melon.

(Cone ounce will Plant about 80 hills.)

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart, each way for Melons, 8 feet for Watermelons. Previous to sowing the seed mix a few handfuls of well-rotted manure and ash in each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to 3 plants per hill. When about 1 foot long pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use may be had by sowing on pieces of sod in a hothub, and when warm enough transplant to open ground.

Paul Rose, or Potoksky—In this new sort we have a Melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted Gem, combining the sweetness of the former with the fine-grated netting of the latter, making it a handsome Melon. The fruit averages about five inches in diameter, and is oval in form. The flesh is thick and firm, a deep salmon or orange color; most delicious and appetizing. It is a fine shipping variety, and is generally sent out in bales or crates, and is being sought after by all the leading markets of the country. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 80c, lb $1.00.

Simmers’ Dominion Green Flesh—The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green, melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, to grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Per pkt 10c, oz 40c, 2 oz 60c, ½ lb 90c, lb $3.00.

Tip-Top Musk Melon—Quite distinct in appearance, the Tip-Top Musk Melon is of the finest quality. Flesh yellow, sweet, juicy, and firm, but not hard fleshed. Fruit ribbed and beautifully neted, a very productive and excellent variety. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 80c, lb $1.00.

Perfected Delmonico—The Melons average about 6 inches in diameter, have a very small seed cavity, and are exceedingly thick and heavy for their size. The flesh is a deep rich orange-yellow color, and of very fine grain, with all the slightest stringiness. A strong, hardy grower and very prolific. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 80c, lb $1.00.

The Newport—The Newport Melon, while small, is very deep fleshed, and of a dark green color. The “Newport” stands in the same relation to the green-fleshed melons that the “Banquet” does to the red-fleshed, in every respect the best. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 30c, lb $.01.

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is very thick, thicker than is any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow rapidly, frequently weighing from 8 to 10 lbs each; vines grow vigorously and are very productive, often producing 8 to 10 perfect melons on a single vine. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 80c, lb $1.00.

The Banquet—A medium sized melon, very flat at both ends, and more beautifully netted than any other variety. In quality it is unequalled; the flesh is firm, normally deep color, dark rich salmon. It is undoubtedly one of the most beautiful and luscious melons. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 80c, lb $1.00.

Emerald Gem—Of a handsome, rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed yet smooth, and of a deep emerald green, with few: ribs: wide: colored stripes. The flesh is thick, of a suffused salmon color, specially recommended to those who wish a highly flavored fruit. Per pkt 5c, oz 10c, 2 oz 1c, ½ lb 20c, lb 80c.

Montreal Green N. M.—A beautiful, und neted, deeply ribbed variety, luscious and very prolific. Has ripening freely under ordinary care, and fruit of enormous size. Weighing from 30 to 40 lbs. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Extra Early Netted Gem, or Rocky Ford—Oval, strain, one of the earliest best and most prolific small Melons. Oval in shape, uniform in size; flesh bright green, of very fine flavor, a most popular variety with market gardeners, as it is very uniform, of an excellent shipper. Per pkt 5c, oz 15c, 2 oz 20c, ½ lb 80c, lb $1.00.

Jersey Belle—Although not quite as early as the Hackensack, does best on light soils, and will develop perfectly even on white sand. It is a beautiful shape, a little flattened on the ends, deeply ribbed and heavy, most noted, indicating, by its outward appearance, the exquisite quality of the beautiful green flesh within. Per pkt 5c, oz 10c, 2 oz 1c, ½ lb 20c, lb 80c.

Early Hackensack—A variety of the green Muskmelon, grows to a large size, very productive and of exquisite flavor. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Bay View—A large, prolific, and fine-flavored, green-fleshed melon, with ordinary cultivation. The fruit has produced melons weighing from 10 to 15 pounds. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Improved Christians—The earliest Muskmelon known, green flesh, netted and exquisitely flavored. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Persian or Casanova—Oblong, netted, green flesh, early delicious flavor, recommended for garden. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Miller Cream or Osage—A remarkably good variety, of large size and delicious flavor, rich flesh, shining, very thick and solid. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Early Yellow Cantaloupe—Very fine flavor, flesh reddish orange, an early and productive variety. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Surprise—Rod flesh. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Skillman’s Fine Netted—The best early kind, green flesh and luscious flavor. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Mango Melon, Vegetable Peach (Vine Peach)—The fruit is about the size of a large peach or orange, oval shaped and of a bright orange-yellow color, somewhat rusted out side, flesh is snow white. For sweet pickles, pick or preserving they are superb. Per pkt 5c, oz 10c, 2 oz 20c, ½ lb 80c, lb $1.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is much smaller, in that the unripe fruit is striped with red, the ripe fruit is very dark green, almost black, while the Vegetable peach is green, and when ripe is not rusted like the Mangos. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

Citron

Citron—For preserved, marinated and sliced light green flesh white and solid. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.

“Colorado Preserving”—Most productive, flesh firm and solid, large size, preserving qualities the best. Per pkt 5c, oz 10c, 2 oz 15c, ½ lb 20c, lb 80c.
German—Wasser Melone.  

**WATERMELONS**

(One ounce will plant about 50 hills).

**CUBAN QUEEN**—Beautifully striped, bright red flesh, solid, luscious, crisp and juicy. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

**BLACK SPANISH EARLY**—Red core, very d-licious, skin dark green. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

**MOUNTAIN SWEET**—Fruit oblong, dark green, round, thin, solid, very sweet and delicious. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

**PHINNEY'S**—Oblong, bright red flesh, sweet tender, well flavored, very productive and early. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 75c.

**MUSTARD**

German—Senf.  

**Moutarde.**  

*(One ounce will sow about 50 feet of drill.)*

**CULTURE**—Sow rather thinly, in rows, in a hotbed, as early as possible in the spring, or in the open ground in May. Re-peat the sowing about every ten days for a succession. It is cut and mixed with cheese or salad when about two inches high.

**WHITE**—For salad or medicinal purposes.  

Per pkt 5c, oz 10c, 1 lb 15c, lb 30c.

**BROWN**—Per season, more pungent in flavor than the White.  

Per pkt 5c, oz 10c, 1 lb 15c, lb 30c.

**NEW CHINESE**—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green; flavor pleasantly sweet and pungent.  

Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb $1.00.

**MUSHROOMS**

German—Champignonbrot.  

French—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high prices this article generally commands on the market. But there is no excuse why everyone, that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 70 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meals as are potatoes.  

For the cultivation of Mushrooms in its infancy in our country. The results have been obtained by the use of our super or English Mushroom Spawn, known as J.A.S. or J.A. Simmons' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are contained in our circular “How to Grow Mushrooms—Succes-fully,” which we will mail for 10c, or with our spawn when purchased.

**IMPORTED ENGLISH Spawn**—Made up in large bricks, 25c each, 5 for $1.00, 10 for $1.50, postpaid.  

**IMPORTED FRENCH Spawn**—100 c.c. in two bottles, of the size generally wanted by Mushroom growers. $1.00 each, postpaid, $5.00 per dozen boxes. In boxes for small gardens, 50c each.

**MARTYNIA**

Martyria Proboscidea—The best variety for pickling.  

Available in May or June, at least 20 c. in a pkt.  

**SPECIAL OFFER**—Tip Top Musk Melon, Jersey Belle Musk Melon, Citron for Preserves, Melcor's Wonderful Sugar Watermelon............. One Packet Each for 15c.
ONIONS

GERMAN—Zwiebel.
FRENCH—Oignon.

CULTURE—The onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread it firmly; sow thinly, in drills about a quarter of an inch deep and one foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

Yellow Varieties

LARGE YELLOW GLOBE DANVERS—The most popular yellow onion all over the country. Our strain of this has been selected most carefully, the flatter onions being thrown out. The name "Globe" in this connection must be taken comparatively, as the True Danvers Onion is never so perfectly globe-shaped as the Southport Yellow Globe. All the perfectly globe-shaped varieties are later maturing than The Yellow Globe Danvers. We cannot too strongly recommend our seed of this variety; from careful trials we know it is unequaled by any strain. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb $1.00.

Large Yellow Flat Danvers—In quality, size and productivity, equal to the preceding, but flat in shape. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb $1.00.

Extra Early Red Cracker—It is the earliest of the yellow onions of superior quality, and like the Fxt a Early Red is an excellent kind to raise where the seasons are short, and often profitable to the market gardener who brings the first ripe onions to the market. Per pkt 5c, oz 10c, 2 oz 20c, lb 50c, lb $1.75.

PRIZE TAKER ONION—True American Grown—This is a large beautiful Spanish Onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging a half bushel in weight. Although of such great size, it is very hardy, and a very tender. (See Cut). Per pkt 5c, oz 15c, 2 oz 30c, 1 lb 45c, lb $1.60.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb $1.40.

Giant Yellow or Lemon Rocca—Very handsome shape with flattened top. They grow to measure five inches in diameter. Per pkt 5c, oz 15c, 2 oz 25c, lb 45c, lb $1.60.

Red Varieties

Large Red Wethersfield—The most profitable Red Onion for the market gardener, as it is the heaviest yielder, 60 to 80 bushels having frequently been harvested on a single acre from sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from one to two pounds apiece. In short, it is the best Red Onion for everybody. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 55c, lb $1.30.

Extra Early Red—Quite distinct and true (American Growth) about ten days earlier than the preceding. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 55c, 1 lb $1.30.

Southport Red Globe—Per pkt 5c, oz, 20c, 2 oz, 35c, 1 lb 60c, lb $2.00.

Red Victoria—The skin is deep blood red, flesh white and of sweet, mild flavor. Per pkt 5c, oz 15c, 2 oz 30c, 1 lb 60c, lb $1.75.

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 45c, lb $1.60.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red and the flesh is close grained and nearly white. It is a very mild flavor. Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 65c, lb $2.20.

Red Tripoli—Excellent quality. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 45c, lb $1.60.

Large Red Madeira—Large, tender, and a good keeper. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 45c, lb $1.60.

SPECIAL OFFER OF ONION SEED

1 PACKET EACH FOR 15c.

Yellow Globe Danvers
Large Red Wethersfield
Prize Taker
White Barletta
Pickling

The NEW ONION CULTURE! Useful, Edible, Perpetual. Price 50c, postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you.

Simmers Large Yellow Globe Danvers Onion

Australian Brown Onion—Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scalions. Planted with Red Wethersfield, it proved to be nearly four weeks earlier and ripened off more uniformly. The color of the skin is a clear amber-brown. Per pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb $1.30.

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Large Yellow Strasbourg or Dutch—One of the oldest varieties, good keeper and fine flavored. Per pkt 5c, oz 10c, 2 oz 15c, 1 lb 30c, lb $1.00.

Simmers Large Yellow Globe Danvers Onion

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White Varieties

**Southport White Globe**—Handsome globular onion, of mild flavor, good keeper, one of the best. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

**Largest White Portuguese**—Mild flavor, good keeper, extensively grown for market. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

**Large French or Welsh**—This variety should be sown in August, it is excellent for salads. Per pkt 5c, oz 15c, 2 oz 25c, ¼ lb 40c, lb $1.40.

**White Victoria**—Skin and flesh pure white, of sweet mild flavor. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

**Mammoth Silver King (White)**—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2½ to 4 lbs each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut.) Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.50.

**White Pearl**—One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

**White Tripoli or Mexican**—Excellent quality. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

White Pickling Varieties

**White Baricetta**—This variety is most distinct on account of its great earliness. It is three weeks earlier than the White Queen. It is of a beautiful waxy white color, and grows 1½ in. in diameter, ⅜ in. thick, with finely formed bulbs, flattened at top. Its earliness highly recommend its use as a substitute for Onion Sets, and it is without a rival for pickling. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.50.

**Small White Nocera**—The finest for pickling, very small and round, pure white. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

**Silverskin**—A hardy dome onion, of mild flavor, extensively grown for pickling. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.00.

**White Queen**—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned; much liked for pickling. Per pkt 5c, oz 20c, 2 oz 85c, ¼ lb 60c, lb $2.50.

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**White Onion “Prize Taker”**

**Onion Sets**

*(One quart of Sets is needed for 100 feet of drill!)*

Please remember that Onion Sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

**White Potatoes or Multiplier Onion Sets**—Are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 15c, qts 25c, 2 qts 45c, 4 qts 90c, postpaid. Peck $1.50, bush $4.50, carriage extra.

**Yellow Onion Sets**—(Dutch Sets)—Pt 10c, qt 20c, 2 qts 40c, 4 qts 75c, postpaid; peck $1.60, carriage extra.

**White Onion Sets**—(Dutch Sets)—Pt 15c, qts 25c, 2 qts 45c, 4 qts 90c, postpaid; peck $1.60, carriage extra.

**English Potatoe or Multiplier Onion Sets**—The real English variety, Lb 20c, 21 lbs 55c, 45 lbs 65c, postpaid; peck $1.40, carriage extra.

**Top or Button Onion Sets**—(Red and Yellow)—Pt 20c, qt 45c, 2 qts 85c, postpaid.

**Shallots**, or Multiplier Onion Sets—For early crops, sets 15c, 2 qts 30c, 4 qts 60c, 1 bush 700c, postpaid; peck $1.10, carriage extra.

**Egyptian or Perennial Tree Onion**—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored, sweet and tender. Bulbs divide into 15 or 20 small onions in one bunch. Very early and profitable for market gardeners. Pt 10c, qt 15c, 2 qts 30c, postpaid; peck 60c, carriage extra.

**Special Offer**—One pint each White and Yellow Dutch Sets 25c, one quart of each 40c, four quarts of each $1.60, by mail, postpaid.

Please write us for prices on bushel lots of Onion Sets (prices fluctuate) and we will quote lowest market rates.

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**Our Prices on packets, ounces and 4 pounds include postage. Prices on pounds, quarts and sets, etc., do not unless so mentioned. If to go by mail, postage should be added at the rate of 1¢ per pound or ½¢ per quart.**

**Free to Customers (10c. to Others)**

On application we will send full and complete instructions how to grow Onions by the ordinary method as well as by the transplanting system.
**PEPPER**

*French—Piment*

(Culture—Peppers are sown as early as possible in Spring, in a hotbed or warm room, quarter of an inch deep, and transplanted about the middle of May, in drills 18 inches apart each way, or in hills, except when the soil is rich and strong, and the course of the season an exceptionally long one, with liquid manure, or a moderate solution of guano will be beneficial.

**Improved Bull Nose or Large Squash or Bell**—Of mild flavor, favorite sort for pickling and for use in the natural state.

- Pkt. 50c, oz. 25c.
- Long Cayenne—Best for pickles, pods small, cone-shaped, pkt. 50c, oz. 30c.
- Red Bell—Very brilliant red, 2 to 4 inches in length. Pkt. 5c, oz. 30c.
- Monstrous or Grosous—Remarkably large and irregular in shape, sweet and thick flesh. Pkt. 50c, oz. 40c.

**Procopps’ Giant**—They are of a brilliant scarlet color, flesh, fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Each plant ripens from eight to twelve perfect fruits, from eight to ten inches long by three inches thick. Pkt. 5c, oz. 40c.

**Celstial**—The plant begins to set its fruits early in the season, and continues until frost, branching freely and producing a large number of fruits of up to two inches in diameter, white in color, clear, sharp flavor, and superior to any of the varieties which a pepper can be put. Pkt. 5c, oz. 40c.

**Sweet Spanish**—Fruit oblong conical, often four inches in length, nearly three inches in diameter, glossy scarlet at maturity, the earliest of all, sweet, mild and pleasant. Pkt. 50c, oz. 30c.

**Small Red Chili**—Fruit very piquant and small, about two inches in length. Pkt. 5c, oz. 20c.

**Mammoth Golden Queen or Mango**—Beautiful golden yellow color, very sweet, of dwarf growth, well-branched. Pkt. 5c, oz. 20c. Pkt. 5c, oz. 30c.

**Black Nubian Pepper**—The peppers are of a deep blue-black, appearing nearly cool-coated, the stalks of the plant are also cool-coated, bearing deep purple flowers, and the fruit as it ripens turns to a rich maroon. Superior for pickling at any stage, and when ripe are of a very sharp pungent flavor. Pkt. 5c, oz. 40c.

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**PARSNIPS**

*German—Petersilie*

**(One ounce will grow about 150 feet of drill).**

**CULTURE**—Parsnips succeed best in a deep, free, rich soil; that having been manured for previous crops should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 to 18 inches apart, so early in the spring as possible. Thin out, leaving six inches between them. The roots are hardy and can be grown through the winter, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required.

**Large Long Smooth Dutch**—Granular, long, tender, free from side shoots, excellent flavor. Pkt. 5c, oz. 10c, 2 oz. 15c. Pkt. 1 lb. 25c, lb. 50c.

**Improved Gurneys or Half Long**—A very fine and improved strain, which has given general satisfaction. The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh finely grained, and of excellent quality. Pkt. 5c, oz. 10c, 2 oz. 15c. Pkt. 1 lb. 25c., lb. 50c.

**Early Round**—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt. 5c, oz. 10c, 2 oz. 15c. Pkt. 1 lb. 25c., lb. 50c.

**OKRA or CUMBO**

*German—Petersilie*

**(One ounce will plant about 25 hills).**

**CULTURE**—Seeds are from enormous specimens, should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

**Simmers’ Mammoth Prize Pumpkin**—Fleshy and skinned bright golden yellow, flesh fine grained, excellent quality. Notwithstanding its enormous size, it ripens early and makes the best pie pumpkins ever grown, fine keeper. Pkt. 15c, 2 oz. 25c.

**Winter Luxury Pumpkin**

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**Winter Luxury Pumpkin**


**4 Best Varieties**

**"EARLY PRIDE"**

We have found the Early Pride Potato to be one of the best Potatoes ever introduced and again we strongly recommend it. It is oblong in shape, the eyes being shallow. The skin is a delicate pink color and the flesh white, and in cooking qualities it is unsurpassed. If grows a very even size, there being few very large or very small tubers. On account of its extreme earliness, it is not affected by the usual late summer and fall droughts, while its keeping qualities are not surpassed by any late variety in cultivation to-day. Enthusiastically pronounced by all who have tried it, a perfect potato. The illustration herewith is an exact representation of an average specimen of Early Pride, and its smooth and handsome appearance is accurately shown. Another point to be considered is the fact that Early Pride Potatoes produce an unusually large proportion of marketable tubers; they grow especially well in the hills, and a small potato is seldom seen.

Per lb 15c, 2 lb 25c, 4 lb 45c, postpaid; peck 30c, ½ bushel 50c, bushel $1.00, bag $1.35, barrel (10 pecks) $2.00, carriage extra.

**"THE BOVEE" Extra Early Potato**

The Earliest of All, and a Great Cropper.

The reports received proclaim this to be a wonderfull introduction among early Potatoes. Not only is it early but it takes a leading place among the heavy cropping varieties, an unusual thing among early potatoes. It has been shown early than Early Ohio, while the "Bovee" in all competitive trials has outyielded all the early Potatoes, and in many of them by Experimental Station and private growers, it has outyielded even the late varieties. The vine is dwarf and stocky, and the tubers grow remarkably close, all bunched together in the hill close to the vines. They size up to a marketable size very evenly, none to large or too small.

Per lb 15c, 2 lb 25c, 4 lb 45c, postpaid; peck 30c, ½ bushel 50c, bushel $1.00, bag $1.35, barrel (10 pecks) $2.00, carriage extra.

**Extra Early "OHIO JUNIOR"**

This variety is two weeks ahead of the old Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possible grow. The sprouts are very strong, the vines grow erect, and are easy to cultivate; maturing early, brings the highest prices, and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers are large, and are very highly cured, are easily dug, very few small ones—nearly every one marketable size; few eyes which are even with the surface. They keep firm until late in the spring. With heavy manuring, close planting (they can be planted almost a half clo close or more than other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected: 500 to 200 bushels per acre is not an unusual yield. This is our specialty in standard early varieties. We are peck 30c, a barrel 50c, but know a few other sort for it, having been deceived in the purchase of the seed. We know ours are right, because the stock is the product of original head-quarters seed.

Price per lb 15c, 2 lb 25c, 4 lb 45c, postpaid; peck 30c, ½ bushel 50c, bushel $1.00, bag $1.35, barrel (10 pecks) $2.00, carriage extra.

**"UNCLE SAM"** Main Crop Variety

Its cropping qualities are phenomenal, and we believe it to be the heaviest yielding Potato known. Its productiveness is largely attributable to the uniform size of the Potatoes, nearly all sizing up alike, none too large and few too small, but its dark brown and very heavy and handsome appearance attracts the attention of all. It is a medium late variety. The tubers are oval with pure white russet skin, with very shallow eyes near the surface.

Per lb 15c, 2 lb 25c, 4 lb 45c, postpaid; peck 30c, ½ bushel 50c, bushel $1.00, bag $1.35, barrel (10 pecks) $2.00, carriage extra.

**"THE NEW POTATO CULTURE," by Elbert S. Carman. Price, cloth 75c; paper 50c.**

**WE SHALL SHIP** as early as is safe from frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

Prices on Potatoes are subject to market changes. Special rates per bushel on large lots.

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**Early Pride** Potato

**Early Thoroughbred**

This variety besides being so early, is of handsome appearance, superior quality, and an enormous yielder, in fact all who have tried it consider it a perfect Potato.

Per lb 15c, 4 lb 40c, postpaid; peck 30c, bushel 90c, bag $1.25, carriage extra.

**Early Norther**

Several days earlier than the Early Rose, and equally prolific, a most desirable sort. It is a strong, vigorous grower, and the potatoes are bunched well together in hills. Its table qualities cannot be excelled, cooking dry and floury, whether baked or boiled.

**Price, per lb 15c, 4 lb 40c, postpaid; peck 30c, bushel 90c, bag $1.25.**

**Early Ohio**

As the name implies, it is an early variety. It is a rapid, vigorous grower, vines strong and of a healthy dark green. Its cooking qualities are unsurpassed. When planted on good soil big returns can be expected, as it is an exceptionally heavy yielder. Tubers in shape are oval to long, and high rose in color. We especially recommend them to the market garden trade and to the home garden for first early.

Per lb 15c, 4 lb 40c, postpaid; peck 30c, bushel 90c, bag $1.25.

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**POTATO EYES (Free by Mail)**

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, in fact, everyone who has a garden can order at any time during the winter or early spring, and save express or freight charges. We offer six varieties this season as follows:

- **25 Eyes Extra Early Ohio Jr. $25c**
- **25 Eyes Early Pride** $25c
- **25 Eyes Uncle Sam** $25c
- **25 Eyes Bovee** $25c

**Special Offer** 25 Eyes each of the above 4 Varieties for 80c, postpaid.

**POTATO SEED, per pkt 25c.**

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**Special Offer** 1 lb each of the "Bovee," "Uncle Sam," "Early Pride," and Extra Early Ohio Jr. delivered free for 50c, 4 lb each for $1.50.

**Also** 1 peck each $1.10, 1 bushel each $3.75, by freight or express at purchaser's expense.
GERMAN—Erbsen. 

**PEAS** FRENCH—Pois.

(One pound will plant about 80 feet of drill, from one to two bushels per acre.)

**CULTURE**—The Pea comes earliest to maturity in light, rich soil. For general crops a deep loam, or a soil strongly inclined to clay, is the best; for early crops, mild muriate, such as leaf mold, should be employed. Plant as early as the weather will permit, in well-prepared soil, and cover about 2 or 3 in. deep. Sow 3 ft. apart for early kinds, and 4 ft. for late. For a continuous supply sow from early in April until the last of June; then discontinue until middle of August, when an extra early sort will sometimes produce a good crop. Sow in warm water a few hours previous to sowing.

**EARLY VARIETIES**

Small Packets of any variety, 5 cents, except where noted. Please add 4c. per pound for postage.

Simmers' First of All—This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height, two feet; produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prolific bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers’ First of All in private gardens. (See cut.) Per lb or qt 10c, qt 1 lb 15c, pk $1.00, bush $5.00.

**The Gradus**—For description see Novelties. Pkt 5c, per lb or qt 20c, qt 5qt, pk $1.00.

**Medium Early Varieties**

**HEROINE**—Elegant habit of growth, luxuriant foliage, pods remarkably long and handsome, slightly curved, well filled with large, luscious peas of fine flavor, a gem of the first water. Height 2 feet, seed green and very much wrinkled. Per lb 15c, qt 25c, peck $1.30, bush $5.00.

**Bliss Everbearing**—Two feet, a splendid general crop pea, pods averaging 5 inches long and containing from 6 to 8 wrinkled peas of enormous size, many being over half an inch in diameter, while in sweetness of flavor they are unsurpassed. Per lb or qt 10c, qt 2 lb 20c, peck $1.10, bush $4.25.

**Laxton’s Prolific Long Pod**—Two feet, a round, green variety, very productive, producing pods with from 11 to 12 peas in each, of superior flavor. Per lb or pt 15c, qt (2 lbs) 25c, peck $1.25, bush $4.80.

**Laxton’s Supreme**—A fine, large and distinct early pea, of green narrow race, having from 9 to 10 pods in each, height 15 inches, very strong and high, prolific. Per lb or pt 15c, qt (2 lbs) 25c, peck $1.50, bush $6.00.

**Blue Imperial**—Three feet, large pods and prolific, a good summer pea, of fine flavor. Per lb or qt 10c, qt (2 lbs) 20c, peck $1.00, bush $4.00.

**Horsford’s Garden**—Grows from 2 to 3 feet high, it is extremely prolific, and bears its pods almost in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Per lb 10c, qt 20c, peck $1.10, bush $4.00.

If Peas are to be sent by Mail be sure to add four cents per pound for postage.
Yorkshire Hero (2 feet)—Very prolific, and of delicious flavor. Per lb 10c, qt 15c, peck $1.10, bush $4.00.

Edible Podded, or Sugar Peas

Tall Climbing Sugar—Pods are edible, very sweet. 7 to 8 inches long. 2 to 3 pods to each plant. Per lb 10c, qt 15c, peck $1.50, bush $4.00.

Dwarf Sugar—Pods edible, 2 to 3 pods to each plant. Per lb 10c, qt 15c, peck $2.50. Our Seed Peas are of the very best quality, riddled and hand picked.

The Three Best Peas for the Home Garden

These can all be planted at the same time, and they will be ready for use in succession.

Nott's Excelsior—Earliest and best Dwarf Pea. 1 quart, 2 pecks, $1.30, 4 bushels $4.00.

Heroin—Best second early Pea. 1 quart, 2 pecks, $2.00, 4 bushels $6.00.

Improved Stratagem—Best large podded late variety. For further description see general list.

Rhubarb

Rhubarb or Pie Plant

German—Rhabarber

French—Rhubarbe

(One ounce will produce 50 plants.)

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

Salsify or Vegetable Oyster

(One ounce will sow 50 feet of drill.)

Culture.—The directions for sowing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to oyster it derives its name. Soak the seed before sowing, in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Per pkt 5c, oz 25c; lb 40c, lb $1.50.

Scorzoner or Black Oyster Plant

(One ounce will sow 50 feet of drill.)

Culture—Cultivated the same as Carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Salsify

Mammoth Sandwich Island Salsify
RADISHES

German—Radish; and Ruttige.
French—Radis.
(One ounce will sow 100 feet of drill.)

Long Scarlet Radish

CULTURE—The soil for radishes should be very rich, light and mellow, well broken by digging, as their tender and mild qualities depend much upon their rapid growth. For very early use sow on gentle hotbeds in March, and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession, as long as they may be wanted. TURNIP-ROOTED and the OLYTE-SHAPED varieties are the best for sowing in the summer. The winter varieties should be sown in August, and lifted before severe frost, and stored in the cellar.

Early and Summer Varieties

TRIUMPH, NEW—For description see Novelties. Pkt 10e, oz 20e, 2 oz 35e, lb 60c.

Early Scarlet Olive-Shaped White-Tipped (French Breakfast Radish) — A variety of quick growth, mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 60c.

Early Scarlet Olive-Shaped — A very early and handsome variety, of a lively rose color and oblong shape. Per pkt 5e, oz 10e, lb 15c, lb 40c.

Early White Olive-Shaped — Similar to scarlet, skin being white. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 60c.

Early Fine-Tip shady—Scarlet, for forcing, so called on account of its shape. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 80c.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market and fine for forcing. Per pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

French Breakfast or Scarlet Olive-Radish, Scarlet Turnip-Shaped White-Tipped Radish, Rooted White Tipped

Early Scarlet Turnip Rooted—Small top, quick growth mild and crisp best for market. Per pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Early White Turnip Rooted—Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Per pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Wood's Early Frame—A low scarlet, excellent for forcing. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 60c.

Early Scarlet Globe—A most desirable turnip sort for hot bed forcing; very early, and in flavor mild, crisp, juicy and tender; top small and it will stand the heat well without becoming pithy. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 75c.

Our Seeds are the best

EARLY NON PLUS ULTRA—Unquestionably the earliest forcing radish, grows very rapidly and is fit for use within three weeks; the roots in round and bright scarlet; the flesh tender and particularly delicate. Pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 75c.

Rosy Gem—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; d'innale for growing under glass. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb 75c.

Long White Napels—Excellent for table, flesh white, crisp and mild. Per pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 75c.

Improved Charlier Radish—Color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure white. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

OUR RADISH MIXTURE

This is a mixture of over 30 choice varieties of early, medium and later radishes. You will certainly have radishes all summer, and be surprised at the results. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 75c.

Winter Varieties

White Chinese (Celestial)—One of the largest in cultivation. The flesh is white and solid and the flavor excellent. Per pkt 5e, oz 10e, 2 oz 15c, lb 25c, lb $1.00.

California Mammoth Long Black Spanish Winter—Very large and best for winter. Per pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

California Long White Spanish—Very large and best for winter rather milder than the Long Black. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Long China Rose—Winter very desirable, light rose color, flesh firm and juicy. Per pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Black Round Spanish Winter—Large, for use during winter, a firm texture. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

SPECIAL OFFER

FOR... 1 pkt Scarlet Turnip Radish. 1 pkt Rosy Gem Radish. 1 pkt Victoria Improved. 1 pkt Olive-Shaped Round Spinach.

SPINACH

German—Spinat. French—Épinard.
(One ounce will sow 100 feet of drill; 10 lb for one acre.)

CULTURE—Sow in drills one inch deep at one foot apart; the summer varieties in April and June, the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED ROUND—The foliage is heavy, the broad, dark green leaves forming of a true Savoy appearance and of finest quality; it remains in prime condition from two weeks to three weeks after other varieties of spinach have run to seed. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Extra Large Leaved or Giant Flander—A splendid variety, with leaves much larger and broader than any other variety, round, thick and flabby, deep green. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Long Standing—Stands a long time before running to seed, otherwise similar to well known Round Leaf. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

Bloomdale Large Curly, Savoy Leaved—New and excellent, tender and fine flavored. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 50c.

Large Mountain Orach or French Spinach, which—Cultivated and used like Spinach. Pkt 5e, oz 20e, 2 oz 35c, lb 60c, lb $1.00.

New Zealand—(Tetragonia) perennial—Pkt 5e, oz 10e. First year, must be slightly protected during winter. Pkt 5e, oz 20e, 2 oz 35c, lb 60c, lb $1.25.

Porennal—(Rumex Palustris)—Sown in Spring and will do for use in Autumn, quite hardy. Pkt 5e, oz 10e, 2 oz 15c, lb 20c, lb 60c.

SEA KALE

Large Leaved Giant Flanders

(One ounce will produce about 300 plants).

Seeds—Per pkt 5e, oz 20e, 2 oz 40c, lb 75c, lb $3.00.

Roots—Each 10c, for 50c, doz $1.50.
Squash

(One ounce will plant 300 hills.)

GEL.-Speisekurbisse.

Fr.-Courge.

CULTIVATION.—Prepare the hills the same way as directed for Cucumbers, on page 16; the bush varieties should, of course, be planted closer together than those with vines.

SUMMER VARIETIES

Long White Bush Vegetable Marrow.—A decided improvement on the old, trailing vegetable marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, 1 lb $1.20.

Vegetable Marrow, running.—Well-known

varieties, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb $1.00.

Long Island White Bush Squash.—Selection of the old White Bush Squash, and a vast improvement, having less prominent ridges and being much deeper, so that a single squash would actually contain nearly twice as much weight as the old sort. In addition to this, it is of finer quality and very productive. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb $1.50.

Perfect Gem.—Excellent both for summer and winter use, wonderfully productive. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, 1 lb $1.00.

Summer Crookneck Squash

Summer Crookneck—Early productive and good quality, fruit orange yellow. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Bush Squash.—Yellow and white. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, 1 lb 60c.

Mammoth Whale Squash.—This squash from France, introduced by us, produces the most magnificent Mammoth Squashes we have ever seen. The squash are long, of a dark, rich color, and sometimes weigh over one hundred pounds. Its greatest diameter is near the blossom end, and tapasters from there to other end; this peculiarity, together with its immense size, doubtless suggested the name “Mammoth Whale.” It is very productive; the vines are robust and hardy. The flesh is solid, of a beautiful orange color, and of excellent quality. It is a good winter keeper. Per pkt 10c, per oz 25c, per ½ lb 75c.

SPECIAL OFFER

For 15 Cts.

1 pkt Mammoth Whale Squash
1 pkt English Vegetable Marrow
1 pkt Hubbard Squash

English Vegetable Marrow Squash

TOBACCO

Tobacco is generally sown in hot beds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high and all danger of frost is passed, they should be transplanted to open ground in rows 4 feet apart and from 2½ to 3½ feet apart in the rows. After planting, the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Small Red Canadian.—Pkt 5c, oz 60c.

Connecticut Seed Leaf.—Per pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, 1 lb $2.00.

Virginia Seed Leaf.—Per pkt 5c, oz 45c, 2 oz 75c, 1 lb $1.25, 1 lb $3.50.

White Burley

White Yalow Pryor

Yellow Oronoco

Gimax

Per oz 25c, 2 oz 40c, 1 lb 75c, 1 lb $2.50.

Havana (Vuelta de Abajo Cuban Grown) — Pkt 5c, oz 40c.

A Complete and Economical Garden

may be secured at a saving of 33% by purchasing our Vegetable Seed Collections offered on page 6.
**TOMATO**

**German—** Liebesapfel.  
**French—** Tomate.

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hotbed about the first week in March, in drills about five inches apart and half an inch deep. About the middle of May, in this latitude, the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good showfall of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

**FORDHOOK FANCY TOMATO**—The habit is dwarf and compact; the leaves dark green, heavily blistered or crimped as in a fine savoy cabbage. The fruits are of medium size, very smooth and regular both in size and form, and solid and free from clefts, skins, or spines. The color is scarlet; the flesh is thick, and the flavor very pleasant, somewhat resembling a sweet pepper. When ripened under the warm sun they are a rich purplish-red. They are borne in clusters close to the stocks. Per pkt. 5c, per oz. 20c, 2 oz 50c; 1 lb $1.00.

**Imperial**—The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in the fall. It is also a splendid keeper. In color it is that attractive pink. Pkt 5c, per oz. 20c, 2 oz 50c, 1 lb 60c, 1 lb $2.00.

**GREENSIDE GLORY**—This choice Tomato is very robust in habit of growth and is exceedingly prolific. It carries its fruit in clusters, which, being large, round and perfectly smooth and of a deep rich red color make it exceedingly handsome. It ripens early, has a most delicious flavor and is a good keeper, well adapted for home use and market, and on account of its solidity and long keeping qualities it is especially recommended for market plants. Pkt 5c, per oz. 20c, 2 oz 50c, 1 lb 1.50c, 1 lb $3.00.

**CRIMSON CUSHION**—More symmetrical in shape than the Ponderosa, and much thicker through from stem to “blossom end”; in fact, so marked is this characteristic that it is frequently almost rounded. The color is brilliant scarlet crimson, untinged with purple, and ripens up almost immediately to the stem. Per pkt 5c, per oz. 30c, 2 oz 55c, 1 lb $1.00, 1 lb $3.00.

**Honor Bright**—Different from all other Tomatoes. The longest keeper, hence a good shipper, fruits large, smooth, and of excellent quality. Fruit changes from light green to white, then to lemon and finally to a handsome red. Pkt 5c, oz 25c, 2 oz 40c, 1 lb 75c.

**Lorillard (forcing)**—A good sort for forcing under glass as well as for outdoor culture; bright red, smooth, early. Pkt 10c, oz 50c, 1 lb $1.00, 1 lb $3.00.

**Older Standard Varieties**—Our Tomato Seed has all been grown by Tomatoes specialists who plant for seed only.

<table>
<thead>
<tr>
<th>Per pkt 5c, any of the following:</th>
<th>oz 20c $1.00 lb.</th>
<th>oz 2oz $1.90 lb.</th>
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<tbody>
<tr>
<td>Beauty</td>
<td>20c .35 .50 $2.00</td>
<td>2 oz .35 .50 .80</td>
</tr>
<tr>
<td>Early Queen</td>
<td>20c .35 .50 2.00</td>
<td>2 oz .35 .50 .80</td>
</tr>
<tr>
<td>Buckeye State</td>
<td>20c .35 .50 2.00</td>
<td>2 oz .35 .50 .80</td>
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<tr>
<td>Canada Victor</td>
<td>20c .35 .50 2.00</td>
<td>2 oz .35 .50 .80</td>
</tr>
<tr>
<td>Early Acme</td>
<td>20c .35 .50 2.00</td>
<td>2 oz .35 .50 .80</td>
</tr>
<tr>
<td>Livingstone</td>
<td>20c .35 .50 2.00</td>
<td>2 oz .35 .50 .80</td>
</tr>
<tr>
<td>Royal Red</td>
<td>20c .35 .50 2.00</td>
<td>2 oz .35 .50 .80</td>
</tr>
</tbody>
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**Yellow Varieties**

Golden Queen, Large Smooth Yellow—Excellent flavor and sweet, very productive. Per pkt 5c, oz 25c, 2 oz 50c, 1 lb 70c, 1 lb $3.50.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color, amber, oz 50c, oz 20c, 2 oz 50c.

**Preserving Varieties**

Yellow Cherry—Per pkt 5c, oz 40c.  
Yellow Plum—Per pkt 5c, oz 40c.  
Small Red Cherry—Per pkt 5c, oz 40c.  
Small Red Currant—Per pkt 5c, oz 40c.  
Winter Cherry—Per pkt 5c, oz 40c.  
Ground Cherry—For sowing and for shiping.  
Gooseberry or Mexican Tomato (Phytoliza Alba-ange)—For sowing and for shiping; the fruit is very hard and starchy. The flower of a large, showy plant which is a berry enclosed in an inflated calyx, eaten as a common fruit in some countries, and is particularly valuable for tarts. Per pkt 20c, oz 35c.
CULTURE—For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and thin to 3 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing should always be done just before rain if harvesting the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SACCHARINE MAMMOTH—Per pkt, 10c; oz, 25c; lb, 50c.

Early Milan—A strap-leaved variety, a week earlier than the ordinary sorts. It retains its good qualities and remains a long time fit for use. The leaves are white with a purple top, rounded and solid, and a slender tap root; flesh pure white, sweet and crisp. Per oz, 10c; lb, 70c.

STONE, OR EARLY SNOWBALL—An early garden variety, clear white, firm, siliceous, delicate flavor and quick growth. Per pkt, 5c; oz, 1lb; lb, 50c.

Table Turnips—For Field Turnips see "Farm Seeds," page 32.

TABLE TURNIPS

For Field Turnips see "Farm Seeds," page 32.

American Breadstone—This is a new and most desirable table turnip, the roots are of medium size, very quick growing and the skin smooth, white, with faint colored top. The flesh is perfectly white, firm grained, and cooks in only fifteen minutes, tender and sweet, is the finest turnip for winter and spring use we have ever seen. Per pkt, 5c; oz, 10c; 2 oz, 15c; lb, 50c.

White Milan—Per pkt, 5c; oz, 10c; 2 oz, 15c; lb, 50c.

White Scarlet—An excellent variety, the best for spring sowing. Per pkt, 5c; oz, 10c; lb, 50c.

Early Golden Ball or Orange Jelly—A rapid grower, excellent flavor, globe shape. Per pkt, 5c; oz, 10c; lb, 50c.

Red Top, Strap-Leaved—Fine grained and of buttery flavor. Excellent for eating as parsnip. Best for market gardens. Per pkt, 5c; oz, 10c; lb, 50c.

Early White Egg—An egg-shaped variety for spring or fall sowing, flesh white, firm grained, mild and sweet. Per pkt, 5c; oz, 10c; lb, 50c.

Mattoe—Early variety fine flavor. Per pkt, 5c; oz, 10c; lb, 50c.

Yellow Stone—Splendid for table use and late growing. Per pkt, 5c; oz, 10c; lb, 50c.

HERB SEEDS—(Sweet, Pot and Medicinal)

Lavage—Perennial, 3 feet. Per pkt, 5c; oz, 20c; lb, 75c; $1.25.

Mint—Perennial, 1 foot high. Per pkt, 10c; oz, 50c; lb, 50c.

Marjoram Sweet—Per pkt, 10c; oz, 50c; lb, 50c.

Pepper—Per pkt, 10c; oz, 50c; lb, 50c.

Herb Catmint—Per pkt, 5c; oz, 10c; 2 oz, 15c; lb, 50c.

Sweet—Per pkt, 5c; oz, 15c; 1 lb, 75c.

Sage, Broad-Leaved—Perennial, 1 foot. Per pkt, 5c; oz, 20c; lb, 50c.

Summer Savory—Per pkt, 5c; oz, 15c; 2 oz, 20c; lb, 75c.

Thyme—Per pkt, 5c; oz, 15c; 2 oz, 20c; lb, 75c.

MISCELLANEOUS SEEDS

WILD RICE SEED

MAMMOTH RUSSIAN SUNFLOWER

Pincushion Sunflower

IMPROVED EVERGREEN BROOM CORN

The stalks may be fed to cattle in a green state. Per pkt, 5c; lb, 15c; 3 lbs, 40c, postpaid.

GERMAN CAMOMILE FLOWERS

Per oz, 10c; lb, $1.00.

BIRD SEEDS AND REQUISITES

(IMF by mail add 5 cents per pound.)

Per lb

Per lb

Canary Seed (3 lbs 25c).......
Hemp Seed Russian (3 lbs 25c)....
Mixed Bird Seed (3 lb 50c)....
(oz in 1 lb pkts)....
(10c) by mail)....
Millet Seed, Chinese.......
Sunflower Seed (3 lbs 25c)....
Cuttlefish Bone (per oz).......
Rape Seed, German (3 lbs 25c)....
Winter Savory—Pkt, 5c; 20c.

Winter Savory—Pkt, 5c; 20c.

Wormwood—Used medicinally, and is beneficial for poultry. Per pkt, 5c; 25c.

Mammoth Sage Plants

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of 5 feet, the later being borne and 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; perfect可靠性, it flowers and never runs to seed. Price, each 10c, 3 for 25c, 7 for 50c, postpaid.

American Bird Fascior" a very useful and instructive work on the care of birds, price 50c.

SIMMERS' BIRD CAKE

A delicious Treat and Song Restorative Food for Canary Birds. This food is prepared under the greatest care for the most delicate and nutritious preparations ever discovered for the longevity of Pet Birds. Our experience is handling restoratives for song birds enables us to recommend this Treat in the form of food to prolong the life of birds confined in cages. It is not a regular food, but should be kept in the cage continually, being a superior substitute for gravel and cuttlefish bone. It gives the songer a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by giving it in small quantities, either to old birds, or to young, as well as to old birds. Per cakes 6c, 8 for 20c, per dozen 50c.

Prepared only by J. A. SIMMERS, Sole Manufacturer, Toronto.
ARM SEEDS

CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as are so many causes over which we can have no control that operate against the health and productiveness of the seeds. All seeds bought from us must be on the con- dition that we give no warranty, expressed or implied, as to description, quality, growth, and productiveness or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

FIELD CARROTS

IMMERS’ IMPROVED GIANT SHORT WHITE—We always claimed this carrot to be the equal, if not the superior, of every white carrot, and it has certainly fully proved all we ever said about it. It is of the shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing on the sides. In texture it is very fine, in color pure white, with an excellent flavor. These are the individual varieties of the carrot. In addition it is a very heavy cropper, in fact it is the heaviest of any we have ever heard of, and on account of its size and of its smooth skin it is easily harvested. The above is a true description of the carrot we offer as our Improved Giant Short White, for its own qualities should be known by everyone who wants a white carrot. It is especially suitable for shallow soil. In shape it very much resembles the OXheart, except that the roots grow more to a point. When varieties require digging, our Improved Giant Short White can be dug. Try it for yourself, and you will not be disappointed. Oz 5c. 1 oz. 10c, 1 lb. 40c. 100 oz. 40c. 1 lb. 45c. 10 lb. 30c.

White Belgian—This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from 4 to 6 inches in length. The surface is very fine, in color pure white, with an excellent flavor. These are the individual varieties of the carrot. In addition it is a very heavy cropper, in fact it is the heaviest of any we have ever heard of, and on account of its size and of its smooth skin it is easily harvested. The above is a true description of the carrot we offer as our Improved Giant Short White, for its own qualities should be known by everyone who wants a white carrot. It is especially suitable for shallow soil. In shape it very much resembles the OXheart, except that the roots grow more to a point. When varieties require digging, our Improved Giant Short White can be dug. Try it for yourself, and you will not be disappointed. Oz 5c. 1 oz. 10c, 1 lb. 40c. 100 oz. 40c. 1 lb. 45c. 10 lb. 30c.

Improved Long Orange or Surrey—A standard late variety, handsome and uniform in shape, deep orange color, good flavor, yields heavily. Oz 5c, 1 lb. 15c, 1 lb. 35c.

Imperial—A long red variety profitably grown for field or general crop. Oz 5c, 1 lb. 15c, 1 lb. 35c, 1 lb. 60c.

SUGAR BEETS

Danish Improved Sugar Beet—This variety is distinguished by its great productiveness; in rich, deep soil in good cultivation nearly approaching the standard varieties of Mangel Wurzels, in yield of bulk (they standing closer than the Mangles), in connection with a high percentage of sugar. For fattening purposes, and for feeding to milch cows, in cases where a liberal flow of rich, creamy milk is the main object (for butter production), this variety is, where the proper soil is at disposal, especially to be recommended. It is one of the cleanest and best beets for cattle feeding that we have. Price—Per oz. 5c, 1 lb. 10c, 1 lb. 20c, 5 lbs. $1.50, 10 lbs. $2.75.

Improved Imperial Sugar Beet—The most popular Sugar Beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. 1 lb. 10c, 1 lb. 25c, 5 lbs. or over 20c per lb.

Wanzleben—In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and smooth, and very large, large in the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of sugar. Oz 5c, 1 lb. 15c, 1 lb. 40c, 5 lbs. or over 20c per lb.

Red Top Sugar—An excellent variety; growing to a very large size. 1 lb. 10c, 1 lb. 25c, 5 lbs. or over 20c per lb.

White Silesian—The root is slender, being about 5 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 3 per cent. of sugar. 1 lb. 10c, 1 lb. 25c, 5 lbs. or over 20c per lb.

Simmers’ Improved Giant Short White Carrot

SUGAR BEET—Culture of, by Herbert Myrick, Price 50 Cents.

ECIAL OFFER

SIMMERS’ IMPROVED GIANT SHORT WHITE CARROT and DANISH IMPROVED SUGAR BEET

1 oz. each of the two Varieties, 10c. Postpaid.
1 lb. 1 lb. 25c. 5 lbs. or over 20c. per lb.
4 lb. 4 lb. 75c.
1 lb. 1 lb. 25c.

Mangel Wurzel

If wanted by post add 4c per pound

Simmers’ Mammoth Prize Long Red—The heaviest cropper and best long Mangel. This mammoth variety grows to an immense size, single roots weighing from 20 to 30 lbs each, and always of very fine texture and good quality. It is remarkable for the broad shoulder and massive shape of the root, by which a great weight is obtained, without coarseness. Mangel, a customer of ours, raised on one acre 55,730 lbs of roots from seed purchased from us. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Long Red—The old popular variety, yielding heavy crops. Per lb 10c, lb 20c; for 5 lbs and over, 18c per lb.

Champion Yellow Globe—This is one of the most generally grown of all the different varieties of Mangels, and it is very productive, easily pulled and an excellent keeper when stored in heaps for winter use. It is spherical in shape and an orange-yellow color, the portion growing above the surface is tinged with green. The flesh of the root is yellow, firm and sugary. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Golden Flesh Tankard—The special features are the rich, deep yellow color of the flesh and its nutritious and milk producing qualities. In England, where it is considered indispensable, large dairy farmers state that they are not only able to obtain a higher price per gallon for milk from cows fed on this Mangel, but also that the cows are in a much better condition fed on hay and Golden Tankard Mangel alone than if fed on hay, Yellow Globe Mangel and four pounds of linseed cake per day. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Mammoth Red Intermediate, or Red Oval-Shaped Giant—Very large and solid, fine grained variety, suitable for heavy ground, keeping as well as turnips during winter. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Red Flesh Tankard—A very large and heavy cropper, with small top and single tap-root, very solid and nutritious. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Long Yellow—Similar in growth to Long Red, and considered by some growers sweeter in flavor and therefore preferred by cattle. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

Giant Yellow Intermediate, or Mammoth Half Long—This entirely distinct Mangel, first introduced by us, is considerably larger than the Yellow Globe Mangel, and is a beautiful russet-yellow color. As shown in the illustration, it is remarkably even in shape, rather elongated and of vigorous growth; it has a fine neck, large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle. Per lb 10c, lb 20c; for 5 lbs and over, per lb 18c.

SPECIAL OFFER OF FIELD ROOTS

Simmers’ Improved Giant Short White Carrot
Simmers’ Improved Mammoth Prize Long Red Mangel
Simmers’ Improved Selected Champion Purple Top Swede Turnip
1 oz each of the above three varieties...... 15c, postpaid
1 lb each of the above three varieties...... 30c
1 lb Mangel, 1 lb Turnip, 1 lb Carrot, 1 lb Danish, Improved Sugar Beet....... 75c

On any order for Carrot, Mangel Wurzel, or Turnip Seed amounting to $1.00, we will, if requested, include a copy of “Dairying for Profit,” by Mrs. E. H. Jones—a very concise and useful work of 68 pages.

Ontario Agricultural College Report
Says that in the average test for six years of 58 varieties of Mangel, Simmers’ Improved Mammoth Long Red stands second against all competitors for yield per acre.

“How to grow Mangel Wurzel,” by J. H. Gregory. Price 35 cents

CHICORY

Chicory Seed should be sown in the spring in drills half an inch deep and in good mellow soil; the latter culture is the same as for Carrot. In autumn the plants will be ready for blanching, when it is used in salads. The principal use of Chicory, however, is to use with Coffee. One seed will sow about 100 feet of drill, and from two to three pounds will seed 3 acres. Large Rooted Long Magdeburg—Pkt 5c, oz 10c, 2 oz 15c, lb 40c; 5 lbs or over, 35c per lb.
The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The Swedes are sown from May until the middle of July; the Aberdeen and Globes re ordered to the acre.

To the price of Turnip seed, when ordered by mail add 4c. per pound for postage, and the seed will be sent at the prices quoted, special prices on club orders, farmers' orders, or large orders for any variety of our Turnip seeds.

**IMMERS’ CHAMPION**
This magnificent Swede, the result of judicious selection, is the hardest, most productive and most nutritious variety in cultivation. It is a large purple-top yellow variety; lightly oblong, with single tap-root, free from coarseness of skin, and for uniformity of crop and keeping qualities is superior to all other Swedes. It produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always firm and sweet in flavor. Per $1 lb 10c, lb 30c, in 5 lb lots and per 30c per lb.

**PURPLE TOP SWEDE**
The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformity handsome appearance. The yield compared with other well-known roots, have been from 2 to 6 tons per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fancy roots. During past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per $lb 15c, $20, 5 lbs or over, 25c per lb.

**CROFT’S IMPROVED PURPLE TOP**—Of fine grain, solid and suitable for sandy ground as well as for heavy clay. Per $1 lb 10c, lb 35c, 5 lbs or over 25c.

**MONARCH IMPROVED PURPLE TOP**—Large and solid, should be sown on rather heavy loams. Per $1 lb 10c, lb 35c, 5 lbs or over 25c.

**ELEPHANT OR MONARCH**—The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformity handsome appearance. The yield compared with other well-known roots, have been from 2 to 6 tons per acre. In shape it is very distinct, being of the Tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious and there is an almost total absence of fibrous or fancy roots. During past seasons this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per $lb 15c, $20, 5 lbs or over, 25c per lb.

**Shamrock**

**Sutton’s Improved Purple Top**—One of the heaviest yielding varieties and a favorite in interiors. Per $lb 10c, lb 35c, 5 lbs over 25c.

**SUTTON’S CHAMPION PURPLE TOP**—One of the heaviest yielding varieties and a favorite general favorite. Per $lb 10c, lb 35c, 5 lbs over 25c.

**SKIRVING’S IMPROVED PURPLE TOP**—Large, of solid, strong and quick growth, suitable for clay soils. Per $lb 10c, lb 35c, 5 lbs over 25c.

**SHARPE’S IMPROVED PURPLE TOP**—A very heavy cropper, with small top, thin neck. Per $lb 10c, lb 35c, 5 lbs over 25c.

**SCOTTISH CHAMPION**—Fine large roots, good for early and very late. Per $lb 15c, lb 30c, 5 lbs over 25c.

**SHAMROCK PURPLE TOP**—Producing on well-prepared ground the heaviest and most uniform crop of well-shaped purple tops. Per $lb 15c, lb 30c, 5 lbs over 25c.

**WHITE GIANT PURPLE TOP**—A quite distinct sort, of enormous size, preferred by many growers to the yellow varieties. Per $lb 15c, lb 30c, 5 lbs over 25c.

**YELLOW AND WHITE VARIETIES**

**Aberdeen Purple Top Yellow**—For sowing after the Swedes. Per $lb 10c, lb 30c, 5 lbs over 25c.

**Aberdeen Green Top Yellow**—With green tops. Per $lb 10c, lb 30c, 5 lbs over 25c.

**WHITE GLOBE**—For sowing after the Aberdeen, late as Aug. Per $lb 10c, lb 30c, 5 lbs over 25c.

**COW HORN**—Long, white, in shape resembling a cow horn. Per $lb 10c, lb 30c, 5 lbs over 25c.

**RED GLOBE NORFOLK**—Medium sized, should be fed early. Per $lb 10c, lb 30c, 5 lbs over 25c.

**IMPROVED PURPLE TOP MAMMOTH**—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late. Per $lb 15c, lb 30c, 5 lbs over 25c.

**GREYSTONE**—A white variety, sown as late as the preceding. Per $lb 10c, lb 30c.
BARLEY

"IDEAL" WHITE HULLESS—It is hulless, beardless, early, weighs over 50 lbs to the measured bushel; it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, is of inestimable value to everyone who feeds stock. Price per lb (postpaid) 15c, 5 lbs (postpaid) 50c, peck 35c, 1 bush 60c, bush (50 lb) $1.00, 2 bush at 85c, 5 bush or over at 70c.

SUCCESS BEARLESS—The earliest barley known. The straw is about the height of the common barley, but better, and will stand up on any land, with Sow as early as you can; frost does not hurt it. This barley has remained on the farm from harvest until the spring and grew the next season. It will, if sown early, head two or three days later than winter rye, and ripen four or five days before the rye, and being beardless, handier as easy as oats, and makes a stronger food. Price, lb 15c, 4 lbs 50c (postpaid). By express or freight, peck 90c, bush 90c, 2 bush 85c, 5 bush at 80c bush.

Mandschuri—Six-Rowed—Ontario Agricultural College report says:—Among 57 varieties of barley grown for the past five years, Mandschuri stands at the head of the list for yield. Bush 75c, 5 bush or over 70c.

Baxter’s Selected Six-Rowed—Per lb 10c, postpaid; peck 25c, 1 bush 45c, bush 80c.

Canadian Six-Rowed—Per bush 75c, 5 bush or over 70c.

Chevalier Two-Rowed—Grown from imported seed. Per bush 90c, 2 bush at 85c.

Duckbill Two-Rowed—Per bush 90c, 2 bush at 85c, 10 bush or over at 80c.

BUCKWHEAT

Japanese—Per lb 15c, 5 lbs 50c (postpaid), peck 30c, bush 90c.

Silver Hu—Per lb (postpaid), 15c, 5 lbs by mail 50c, peck 30c, bush 90c.

Common Gray—Per bush 90c, 2 bush at 75c.

White Hulless Barley  Success Beardless Barley

BEANS

ENGLISH HORSE BEANS—Recommended by Dominion Experimental Farm, to be planted with corn and sunflower seed for ensilage purposes. Bush $3.00. Values fluctuate.

The Prolific Dwarf Tro—Per lb 10c, bush $2.25.

California Pea—Very productive. Per lb 10c, bush $2.25.

Send for Weekly Price List of Seed Grain, Clover and Grasses.

SIMMERS’ PARAGON WHITE ENSILAGE CORN—This superior ensilage corn we recommend from experience as being the heaviest cropping variety in cultivation, producing 75 to 90 tons per acre. It grows 12 to 14 feet in height. Peck 25c, bush 80c.

Red Cob Ensilage—So called owing to its cob being quite red; the kernels are white, resembling very closely the ordinary Horse- Tooth Corn. Per peck 25c, per single bush 90c.

Mammoth Southern Sweet Ensilage—Peck 20c, bush 75c.

Yellow Horse-Tooth—Per Dent—Peck 20c, bush 75c.

Pride of the North (Early Golden Dent Corn)—This variety matures very early. The stalks usually grow from 8 to 10 feet in length, and produce from one to three good ears. Peck 25c, bush 80c.

SOWING RAPE

(1 to 5 pounds per acre in drills: 4 to 6 pounds broadcast.)

A field of Rape coming in use when the pasture is almost barren, continuous feeding and dry weather, is a boon to the farm. For fat sheep and lambs, preparatory for the market, nothing is better; does not last too quickly, but imparts a delicious flavor to the flesh superior to any other pasture. It has been estimated that one acre of Rape, when preceded by any other crop the same season, will feed from 30 to 40 lbs of hay per month except the month of August, on a farm of 120 acres. Young cattle thrive upon it well as swine. Rape may be sown either in rows or drills and cultivated may be sown broadcast. When sown in rows, the plant will grow stronger, and more luxuriant in foliage, and will also stand longer feed as it is less liable to be trampled down. It may be sown in May, and is sufficiently advanced it can be fed off, and then allowed to grow again, thus giving a second crop the same season; but the usual time of sowing is the last half of June until end of July, and it has been towards end of August with success. When sown early in the season, the crop of August is not inclined to maturing its maturity. As it will late sowing it can be sown after a rape and barley crop, and produce valuable food. For October and November. The cultivation of Rape should come as soon as it is well started, and with repeated cultivation until it become too large to work between the rows. Rape is also poisons when sown with a fertilizing crop.

DWARF ESSEX, or Large Leaved English—Per lb 10c, 10 lb lot $2.50, 25 lb lots and upwards $3.00.

FORAGE PLANTS

Large Giant Spurry—Should be sown at the rate of 15 lbs to the and in best condition for pasture from four to six weeks after sowing. Lb 20c, 1 lbs $1.00, 10 lbs and over at 15c per lb, 50 lbs and over at 10c per lb, 100 lbs and over at 8c per lb.

FLAT PEA (Lathyrus Sylvestris Wagneri)—Recommended for land too poor to pay the cost of cultivation, for worn out pastures, and waste places about the farm. Pkt 10c, or 30c, lb $3.00, postpaid.

Sacalin—It grows well on the poorest s. lbs, is perfectly hardy, endures the extremes of heat and cold. It grows to the height of twelve feet. Pkt 10c, 3 for 25c, or 75c, lb $3.00.

Add 5c per lb for Postage and Packing if to be sent by mail.

FLAX SEED

Of new crop, reseeded for medicinal purposes. Per lb 10c, 10 lbs 60c. Postage 25c per lb extra.

For sowing, market price now about $2.25 per bush of 16 pounds.

White—Per pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs $1.20, 100 lbs $5.00.

We do not pay Freight on Seed Grain

Genuine Dwarf Essex Rape is the Greatest Pasture and Soil Improver Growth
Fodder Corn

**PRICES QUOTED ARE NET CASH**

**DO NOT PAY FREIGHT ON SEED GRAIN.**

Send for Weekly Price List of Seed Grains, Clovers and Grasses.
When ordering Corn do not forget to include price of Bag.

**DENT VARIETIES**

Simmers' Earliest Ripe Fodder Corn

This Corn will ripen in 60 days and furnish magnificent feed corn just at a time when farmers are short of corn. If you plant this early you will have fine seed corn up to the 1st of July, and you can plant the special Fodder Corn, and get a very early crop of the high grade corn which the market is looking for. It offers the most perfect, earliest, rich Fodder Corn in existence. This corn will put out early in 60 days after planting, and usually from 2 to 3 ears on each stalk. It is adapted to all soils, and a remarkable number of ears are produced on a stalk being 30 days earlier. The farmer can easily figure out the great profit of having a Fodder Corn extremely early, having it come at the time when pasturage is short, and he can then feed this rich live corn as Fodder Corn. If you are raising hogs or cattle, this Corn, above all other Corn, will return to you a tremendous profit, on account of its extreme earliness, on account of its quantity of feed, quality of feed, and of the amount of fodder growing in the neighborhood of the farm.

**Price—Per lb 15c, 3 lbs 40c, postpaid; by express or freight—pck 50c, bushel $1.75.**

Note—Owing to the scarcity of this variety we are unable to offer this in larger quantities than one peck.

White Cap Yellow Dent—This corn is the best Early for Ensilage yet introduced. Large, heavy ears and stalks. This variety has more genuine merit, more fine and lasting ears than any other Dent on the market. It is more productive than Dent corn, and on poor thin soil will yield the finest ensilage by far 30 per cent. of any corn. One of the finest feed corns for ensilage. It grows quick, strong and powerful, and is a most wonderful corn, 90c, per lb postpaid 10c; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Wisconsin Yellow Dent—This variety has been brought to the present nearly perfect form by careful selection, and is in every way one of the most desirable corns for ensilage and for general purposes. It has a given acre 19 to 21 bushels and grows on very strong land. It gives a very strong stalk, a bushel or two per hill, and contains a large amount of livestock. It is especially adapted for green feeding or ensilage. It is grown in all parts of the United States, and is of the greatest value to feeders. It gives a large, strong, and powerful corn, 90c, per lb postpaid 10c; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Wisconsin White Dent—Ears average 16 rows, grains extra long and white, two of which I can span the cob, which is usually small and very small in size. It is a most desirable for ensilage and for general purposes. It has a very strong stalk, a bushel or two per hill, and contains a large amount of livestock. It is especially adapted for green feeding or ensilage. It is grown in all parts of the United States, and is of the greatest value to feeders. It gives a large, strong, and powerful corn, 90c, per lb postpaid 10c; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Ockory King Corn—So large are the grains and so extremely small the cob that on an ear in half a single grain will fill up a full cob. The stalks are very strong, long, growing very vigorous, the stalks take a firm hold in the ground and upright, resisting the wind and storm. The stalks bear generally two ears, the ear, however, is large and occasionally three. It yields 150 bushels per acre. Price, per lb 10c, postpaid; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Estes County Mammoth—It yields under good cultivation 100 bushels of one hundred and thirty bushels per acre. The ears are very large, containing 12 to 15 rows of medium sized white grains. It furnishes a large amount of livestock, as it is grown in the extreme northern counties. Price, per lb 10c, postpaid; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Immodic Cuban Yellow—The grains are pure yellow and very large, broad and very showy, and of stronger vitality than any variety in culture. It is extremely productive of all kinds of livestock in any soil. It is a very fine corn for ensilage and for all kinds of livestock. It is grown in nearly every county in the United States, and is of the greatest value to feeders. Price, per lb 10c, postpaid; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Ban Giant White—Similar to the preceding, grains white or very white. Price per lb 10c, postpaid; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

Cry Butler—This is without doubt one of the earliest Dent Corns. It is a crop from Pride of the North, the best Dent corns ever raised, and is of pure golden yellow color, The Butler is adapted for high latitudes and northern climates, and is a late, but very strong, ear. It has a very strong stalk and is very quick, and very quicky. Price, per lb 10c, postpaid; by express or freight 80c, bushel $1.00, 2 bushel at 85c, 5 bushel and over 90c per bushel.

ErGreen Sugar—For Green Fodder—There is nothing but winter or sweet corn. It has the great merit of being so sweet and tender that it can be fed green as soon as the stalks are cut off. It is the chief sugar corn, being the best. It is a choice corn for green feeding. Price per lb 10c, postpaid; peck 80c, bushel $1.00, 2 bushel at 85c, 5 bushel at 80c.

**FLINT VARIETIES**

Mammoth 8-Rowed Yellow—It is entirely of the sugar variety, being as described, the Mammoth 8-Rowed Yellow Corn a great improvement on the old yellow Canada Corn, 8-rowed, which is the general corn used by farmers for feeding purposes. There are many more ears and well filled with corn which is double the size of the ordinary Yellow Canada Corn or the Compton Early Yellow Corn. Our experience is that the Mammoth 8-Rowed Yellow will give more green feed to the acres than any other variety, because it stooks out well and produces any amount of green foliage, and does not dry down as a Dent Corn, consequently it will be an excellent variety for farmers to grow for ensilage. Price, per lb 15c, 5 lbs 60c, postpaid; peck 30c, bushel $1.10, 2 bushel at $1.05, 5 bushel at $1.00.

Rural Thoroughbred White Flint—A new variety, not the one kernel should be grown in the hill. It is a great sugar variety, breadth of blade and smallness of size recommend it is as a fodder plant, while for ensilage purposes it is most valuable. Per lb 10c, 5 lbs 60c, postpaid; peck 30c, bushel $1.10, 2 bushel over $1.05 per bushel.

Compton's Early Yellow—The productivity of the Mammoth 8-Rowed Yellow is remarkable, with more ears to cob than any other Flint Corn. The grains are very small, round and heavy. It is a very good and sure to grow and produce a crop. The ears are of perfect shape, with from 10 to 14 straight rows of bright golden yellow grains of remarkable size and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain makes it very superior for grinding into meal. Although the kernels are firm on the ear, the ears are easily shelled, and in every respect present as perfect a type as could be desired, 8 to 10 feet. Price, per lb 10c, postpaid; peck 25c, bushel 90c, 2 bushel at 85c.

Salzer's North Dakota White Flint—A grand new variety, matures early, yields enormously, produces a larger number of good ears, and a smaller number of poor ears than any other variety. Will ripen in nearly all sections of Ontario. Our supply has been grown in Canada which is the strongest recommendation for its adaptability to this climate. Price, per lb 10c, postpaid; peck 30c, bushel 90c, 2 bushel at 85c.

Early Yellow Canada—The earliest yellow for field or table use. Price, per lb 10c, postpaid; peck 25c, bushel 90c.

Angel of Midnight—(One hundred day)—An extra early eight-rowed yellow Flint variety; grains are very large and are compactly set on a very small cob. Price, per lb 10c, 5 lbs 60c, postpaid; peck 25c, bushel 90c, 2 bushel at 85c.

Longfellow—An eight rowed yellow Flint variety; ears 10 to 12 inches long, with small, kernel size. Price, per lb 10c, 5 lbs 60c, postpaid; peck 25c, bushel 90c, 2 bushel at 85c.

Early White Flint—Very desirable for table use. Price, per lb 10c, postpaid; peck 30c, bushel $1.00, 5 bushel at 95c.

King Philip—(Reddish Flint)—One of the oldest and best known of the Flint varieties. Price, per lb 10c, postpaid; peck 30c, bushel $1.00, 5 bushel at 95c.
Seed Oats

**NEW CENTURY OATS**

*Grain.* — The grain of the "New Century" Oat is very large in size, and has the largest ear in proportion to size of any oat.

*Straw.* — The straw is very strong and does not lodge even when others with less weight of grain in the head go down. The blade is nearly double the size of that of ordinary oates, and is good evidence of its inherent vigor.

*Stems.* — The "New Century" Oat stems heavily and is really remarkable in that respect. In a field this past season, there were seven ten pecks per acre on part and the remainder was sown with seven pecks. It was absolutely impossible to see any difference in the appearance of the two parts, and no difference was noticed in the yield.

*Hull.* — The hull is thin and easily separated from the meat, making them valuable for feeding.

*Vigor.* — The remarkable vigor of this new variety is easily noticed in the growing crop from its first appearance above ground. One of our fields this season was sown with "New Century" Oats, and two days before another field with common oates. When the "New Century" Oats were seven inches above ground, the others were not more than two. While common kinds suffered from excessive dry and cold weather the past spring, without exception the "New Century" Oats were a rich dark green.

*HE YIELDS MORE THAN DOUBLE ORDINARY KINDS UNDER SIMILAR CONDITIONS.*

Tested side by side with other oates, the "New Century" has actually doubled the number of bushels per acre. This can be partially attributed to the fact that in many cases the spikes or ears will contain three full kernels where other oates give but two.

*Price.* — $2.00, 3 lbs. 50c, postpaid; by express or freight — Peck 25c, bushel 75c, 10 bushel or over 75c.

"CANADIAN PRIDE"

The oates are white and have good large kernels. They weigh forty pound to the measured bushel. It is a branching variety with very stiff straw of vigorous growth, free from snout and rust.

*Price.* — $2.00, 3 lbs. 50c, postpaid; by express or freight — Peck 25c, bushel 75c, 10 bushel or over 75c.

"BLACK MESDAQ"

We believe it is the earliest Black Oat in cultivation, having ripened in 80 days. The straw is strong and stiff, and so far has never shown the slightest signs of rust. It is one of the greatest yielding oates on record. At the Central Experimental Farm, Ottawa, it yielded at the rate of 80 bushels per acre.

"BINDER TWINE," Before buying, get our prices on application.

It has a large branching head filled with plump grain, and is one of the earliest black oates in the market.

*Price.* — $2.25, 4 lbs. 50c, postpaid; by express or freight — Peck 25c, bushel 90c, 5 bushel or over 75c.

**Standard Varieties**

We can also supply the following varieties and in case of large quantities are required write for our Farmer's Weekly Price List:

- **Siberian Oats** — Price, per lb 15c, 5 lbs 50c, postpaid; peck 25c, bushel 60c.
- **"The Newmarket"** — Price, per lb 15c, 4 lbs 50c, postpaid; peck 25c, bushel 80c, 2 bushel $1.50, 5 bushel $3.50, and over $8.50.
- **The Lincoln** — Per lb 15c, 4 lbs 50c, postpaid; peck 25c, bushel 75c, 2 bushel or more at 75c.
- **Black Goanette** — Per lb 15c, 5 lbs 50c, postpaid; peck 25c, bushel 60c.
- **Black Tartarian** — Grown from imported seed. Peck 25c, bushel 70c, bush at 65c.

**WHEAT..**

**SPRING**

- **Hersan Bearded** — Not only has this variety given the highest yield of grain per acre, but it has also produced the largest average weight of measured bushel. It is amongst the nine best milling varieties, kernels are short, thick and of a darkish red color, the straw is full and long, stands up straight, and is entirely free from rust, matures moderately early, and is considered the best all round variety of Spring Wheat. Price per lb 15c, 1 lbs 60c, postpaid; peck 50c, bush, price.
- **CAMPBELL'S WHITE CHAFF** — Bald, club-shaped, with a compact head, of nearly uniform size, good; thrifty grower; strong straw, about 6 ft high; one of the earliest Spring Wheat. The grain is white, thin, and very plump. Per lb 15c, 5 lbs 50c, postpaid; peck 25c, bushel price on application.
- **Colorado Spring Wheat** — It is light amber; rather short, thick berry, heads are a good size; white straw and chaff, stands up straight, ripens early. Price per lb 15c, 5 lbs 50c, postpaid; peck 45c, bushel price on application.

For other leading varieties, such as **Red Forn, White Russian, Red Scotch Fife, Wild Goose,** etc., see our Weekly Farmer's Price List of Grains and Grasses, sent on application.

**WHEAT—Winter**

Our Full Catalogue of Winter Wheats, Grass Seeds, Fertilizers, etc., is issued about August 15th of each year, and sent free to all who apply and send in your address now.

**PEAS.**

- **CANADIAN BEAUTY** — Per lb (postpaid) 15c; 5 lbs (postpaid) 50c, peck $1.20, bushel $6.00, 10 bushel at $1.00.
- **Mummy** — Ripens about the same time as the Marrowfat, bearing pods on the top of the husk. It yields a half more peas than any other field variety. Per lb (postpaid) 10c, 50c, $1.10, 10 bush at $1.20.
- **Multiplier** — A fine, short Pea, which matures a few days earlier than Golden Vine. It is much more productive than any of our own field varieties. Price on application.

Also the following varieties of **PEA—Golden Vine, White Marrowfat, Black-Eyed Marrowfat, Prussian Blue, Prince Albert.** Crown. Price on application.

**SPRING RYE—Bushel 90c.**

**TARES OR VETCHES—For spring sowing. Per bushel $1.40.**

**PRICE OF BAGS**

When bags are required for filling orders, they will be supplied at following prices, which should be remitted with the amount of order:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price per doz.</th>
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<tr>
<td>1 Peck</td>
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<tr>
<td>1 Bushel</td>
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<td>1 Bushel, Linen</td>
<td>25c</td>
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Grasses


When wanted by mail add 4 cents per lb to the following prices.

**NOTE—** For General seeding sow one-third clover and two-thirds timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

**AWNLESS or HUNGARIAN BROME GRASS** (Bromus inermis). The Great Fescue Grass of Our Northwest—Not only is it the best grass for dry sections, but it can be raised on almost all kinds of soil and in almost all climates. It gives a luxuriant crop, particularly in sandy soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or the dry state. It is so much better that it can be used as mown or saved for winter use. Useful in filling gaps where clover crops have failed. Per lb 20c, postpaid 24c, 100 lbs $15.00, carriage extra.

**BROMUS INERMIS—AWNLESS BROME GRASS**

**Crested Dog's Tail or Comb Grass** (Cynophorum cristatum)—Well suited for its readiness to take root and its dense, compact habits.泸 35c.

**Hard Fescue** (Festuca duriuscula)—Will thrive in a great variety of soils, and will adapt itself to the wettest conditions. From its fineness of foliage, it is well adapted for lawns or sheep pasture. Per lb 20c.

**Tall Fescue Grass** (Festuca pratensis)—It grows 3 feet high, and is suitable for hay making and permanent pastures. It is, however, of no use for cattle, as they will scarcely touch it. Per lb 20c.

**Italian Rye Grass** (Lotium italicum)—A biennial variety of rapid growth, succeeding well in all kinds of soil; and well adapted for mixing with white clover for lawns. It is indispensable for an early crop for livestock, and will withstand drought better than any variety suitable for this purpose. Per lb 15c, 10 lbs $1.40.

**Kentucky Blue, or Smooth-Stalked Meadow Grass** (Poa pratensis)—It sends up flower stalks 1 ft high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Per lb 15c, 10 lbs $1.35.

**Meadow Fescue** (Festuca pratensis)—A highly valuable species for permanent grass lands; it does not, however, attain its full productive powers till the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter. It is relished by stock, both in hay and pasture. Eow 40 lbs to the acre. Per lb 20c, 10 lbs $1.85.

**Orchard Grass** (Dactylis glomerata)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that on account of the uniformity of its stalks the meadows of the stubble as a pasture grass on light soils and also from the quantity of herbage produced. It should be used for green feed exclusively, because when old and dry, or made into hay, neither hay nor cattle are fond of it. Per lb 15c, 10 lbs $1.40.

**Perennial or English Rye Grass** (Lotium perenne)—This grass is well suited for producing a bulky crop of hay with or without clover, producing three or more years of good feed. Per lb 125c, postpaid 150c.

**Red Meadow Fescue** (Festuca rubra)—An excellent variety, suitable for lawns exclusive of meadows excepting its creeping nature, not growing over one foot in height, requiring little mowing, and forming so thick a turf as to fill out striking plants. Per lb 20c, 10 lbs $1.85.

**Red Top Grass**, Perennial (Agrostis vulgata)—A hardy permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Per lb 15c, 10 lbs $1.40.

**Sheep's Fescue** (Festuca ovina)—A dwarf variety not over six inches in height; it has a fine sweet foliage, well adapted to the making of sheep's grass, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring little mowing. Per lb 20c, 10 lbs $1.85.

**Sweet Vernal Grass** (Anthoxanthum odoratum)—For a mixture with pasture grasses it is not suitable for initial grazing, and continues to throw up root foliage until late in autumn; for meadows, its chief merits are its fragrant odor, which it retains dry or moist; and strong soils, and irrigation purposes. Per lb 25c, 10 lbs $2.25.

**Tall Meadow Oat Grass** (Avena elatior)—A bulkiy, tall, productive grass, much relished by all cattle, and well adapted as a grass for soilng. Per lb 20c, 10 lbs $1.85.

**TIMOTHY GRASS** (Phleum pratensis)—Market price variable. Per lb 10c.

**Water Meadow Grass** (Poa pratensis)—It is suited to flooded situations where clover has failed. Per lb 20c, 10 lbs $2.25.

**Yellow Oat Grass** (Avena flexuosa)—Hardy, and early, valuable for dry meadows, pastures, or lawns. Per lb 40c.

**Common Millet** (Panicum miliaceum)—There are many varieties of Millet, but none used so extensively as the common variety. Per lb 10c.

**German Millet**—The true German Millet will grow in any soil or soil, even when properly grown and handled makes an enormous yield of most nutritious animal feed, and is generally considered a superior feed to any great extent. To get these results, however, German Millet must be allowed to grow to a certain size, and then, at the rate of one bushel per acre, at any time between May 1st and July 15th, and planted in six to eight weeks, while it is in bloom, before the seed hardens in the head. Managed in this way German Millet will give the most satisfactory and profitable forage and summer hay crop, and will seed very few to six acres per season by all kinds of soils. Per lb 10c, 3 lb 20c, postpaid. For all varieties, Per lb 10c, 3 lb 20c, 5 lb 35c, 25 lb 60c, bushel 48 lbs $1.75.

**Hungarian Grass** (Scleria Italicus)—A mature, fine, rapid growing variety of grass of annual nature, particularly well adapted to thick, light, sandy soil, in which it makes an abundant crop, and when cut, before seed, produces hay much relished by all kinds of livestock. Per lb 15c, 3 lb 30c, 5 lb 45c, 10 lb 90c, carriage extra. Per lb 10c, 3 lb 20c, 5 lb 35c, 25 lb 60c, bushel 48 lbs $1.75.

**Japanese Millet**—A variety recently introduced and greatly surpassing the ordinary variety of Millet and Hungarian grass in vigor of growth, yield of seed and value of crop. The stalks are very hard, making excellent hay for livestock. When cut when chopper, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills 12 inches apart, weighing 4 to 12 pounds per acre. It should be ordinarily grown in this season. Price, postpaid, 5 lb 15c, 3 lb 40c, 5 lb 65c, 10 lb 90c, carriage extra. For larger quantities on application.

**Cahoon Broadcast Seed Sower**—A hand-made very largely used. The quantity to be sown is easily regulated. It is recommended for the broadcast sowing of the finest species of clover, timothy, alfalfa, etc. Per lb 15c, 10 lb 90c.

**White Dutch Clover**, for Mixing with Lawn Grass Seed—Per lb 30c.

**SOMMER'S LAWN ENRICHEN**—For sowing under trees and in shady places. It will not grow in such places, but forms a fine sward of grass suitable for lawns. Per lb 40c, postpaid, 50c.

**Blue Grass**, Extra Clean—Per lb 15c, 10 lb 90c.

**Red Top**, Extra Clean—Per lb 15c, 10 lb 90c.

**SOMMER'S LAWN ENRICHEN**—For old and worn out lawns—For full description see Fortifiers, 5 lbs 50c, 10 lbs 75c, 25 lbs $1.50, 50 lbs $2.50, 100 lbs $4.00. Price for larger quantities on application.
GRASS MIXTURES

Simmers’ Special Grass Mixtures for Permanent Pasture

consisting of the following varieties: Orchard Grass, Meadow Fescue, Sharp Shoot, Sharp Shoot Red Grass, Italian Ryegrass, Red Top Big Blue, Kentucky Blue Grass. These are recommended in the well known standard work, "How the Farm Pays" (by Henderson), blended in proportions which has been found, from actual use, to give the most satisfactory results. In ordinary farm soils in low bushels of this mixture is sufficient to seed an acre.

To this mixture, intended for either Moving Lands or Pasture (for on account of its greater weight should be sown in proportionately, should be added 10 lbs. of Mixed Clover, comprising White, Mammoth Red or Guernsey. Alaske, likewise, but this much seed in the spring is rather tender in this latitude if sown in the fall.

The Quantity (10 lbs.) of Mixed Clover Needed to Sow an

10-Bushel Lots and upwards, $2.25 per Bushel.

(Special Quotations for Larger Quantities.

Simmers’ Special Grass Mixtures for Temporary Pasture

Consisting of Tall Fescue, One Grass, & Red Grass, English Rye Grass, Italian Ryegrass, Meadow Fescue, Sharp Shoot, Sharp Shoot Red Grass, Clover, White Clover, Trefoli and Timothy, sown in their proper proportions for the season. Incomparably superior to the ordinary Timothy and Clover Mixture.

For One Year—1 bushel Mixed Grasses, $2.00; 10 lbs. Mix Grasses, $1.75. Total cost per acre, $5.75.

For Two Years—2 bushels Mixed Grasses, $4.00. 10 lbs. Mixed Clovers, $1.75. Total cost per acre, $8.50.

(PRICE LIST OF GRASS AND CLOVER SEEDS IN QUANTITIES)

When Grass and Clover Seeds are to be sent by mail, 5 Cents 1 Pound must be added to the following prices. We will supply 20 lbs. for the 100 lb. rate, and a larger quantity for the 1 lb. price, for small quantities the lb. price will be charged. The following prices are valid at time of issuing this Catalogue, January 1st, and are subject to Market Changes.

CLOVERS

Alaske, Simmers’ Best... $1.40
Alaske, Choice... 1.00
Alaske, Prime... 1.60
Alaske and White, Mixed... 1.40
Bokhara... 1.60
Bokhara Clover... 1.40
Clover, Scarlet... 1.40
Lucerne, Choice... 1.50
Lucerne, Prime... 1.60
Mammoth Red Clover, Choice... 1.50
Mammoth Red Clover, Prime... 1.60
Red Clover, Simmers’ Best... 1.70
Red Clover, Choice... 1.80
Red Clover, Prime... 1.90
Trefoli, Black... 1.50
Timothy, Simmers’ Best... 1.60
Timothy, Choice... 1.70
Timothy, Prime... 1.80
Trefoli, Yellow... 1.90

White Clover, Choice... 2.50
White Clover, Prime... 2.75

GRASSES

Blue Grass, Canadian, Best... 1.50
Blue Grass, Canadian, Good... 1.00
Blue Grass, Kentucky, Choice... 1.50
Bromus Juncoides (Arrest) Grass... 1.75
Creeping Bent... 2.00
Crested Dogstail... 3.50
Hard Fescue... 1.00
Hungarian, Best Re-cleaned... 2.50
Italian Ryegrass, Red Top... 1.50
Meadow Fescue... 2.50
Meadow Grass, Italian... 1.00
Millet, Golden, Fannin... 2.50
Millet, Red Re-cleaned... 2.50
Meadow Grass, Red... 2.50
Orchard Grass, Choice Quality... 1.50
Orchard Grass, Special Yield Grass... 1.50
Orchard Grass, Red... 1.50
Red Fescue... 1.50
Red Top, Choice Quality... 1.50
Timothy, Best, Fannin... 1.50
Sheep’s Fescue... 1.50
Tall Fescue... 1.50
Tall Grass, Meadow... 1.50
Wood Meadow Grass... 1.50
Yellow Oats Grass... 1.50

Customers ordering Grass Seed sufficient for one acre or more are all the privilege of 10 lb. rates. Please allow for Bags when ordering.

Have you Beechwood? We Buy it. Let us know your price. Cash or supplies.

Ontario Agricultural College (Guelph) formula of Grasses and Closers for permanent pastures

Sowing: Mow the meadow in the 3 lbs. Orchard Grass, 3 lbs. Red-top Grass, 4 lbs. Lucerne Clover, 1 lb. Dutch Clover, 1 lb. Alaske Clover. 2 lbs. Red Clover; total 17 lbs. Grasses and 8 lbs. Closers, being the quantities required for an acre. $3.00 for 25 lbs.; lb. 15c, postpaid 20c. If larger quantities needed, parts of 50 lbs. lowest price on application.

Grass Seed for permanent pastures

10-lb. bushel; 25 lbs. bushel. 50 lbs. bushel. 100 lbs. bushel.
A New Annual Delphinium, Blue Butterfly

In this new Larkspur we have a combination of attractions which have never been equalled in one plant. In the first place it is an annual which will come as a surprise to those who only know Delphiniums as perennials. Secondly, it is dwarf and compact, hardly reaching a foot in height, as we have hitherto been accustomed to the Delphiniums in their ungainly height of many feet. Thirdly, it has a bushy, yet branching habit instead of the ascending upright growth. Fourthly, the size of its blossoms are beyond anything we have ever seen in the old perennial section; and lastly its color is of the intense blue yet found in any flower, defying the artist's skill to reproduce, and bids fair to outvie the unique blue of a Salvia Patens. This novelty is perfectly hardy and can be grown in any soil.

Daybreak Aster

New Aster—Daybreak

A grand variety, of American origin. The illustration gives an excellent idea of the symmetrical growth and habit of the plant. It attains a height of 18 to 24 inches, and produces lavishly its perfect globe-shaped flowers of beautiful shell-pink color, similar to that of the Daybreak Carnation. A magnificent variety, either for bedding or for cut flowers.

Giant Snapdragon

Antirrhinum Majus Grandiflorum

The Snapdragons do not seem to receive from amateurs the attention they deserve. These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed, although strictly speaking, they are biennials. 831. Per pkt 10c, 3 pkts for 25c.

Giant Primula

Chinese Primrose

Chinese Primroses are among our finest winter and spring blooming pot plants for the window garden, conservatory and greenhouse. The plants are attractive, 8 to 12 inches high, of healthy, sturdy growth, and free from insects; while they produce for weeks large clusters of flowers, which in our new Giant varieties, average from 4 to 6 inches in circumference. Seed sown in the spring produces fine plants for the next winter's blooming.

What we catalogue is strictly the cream, the fanciers will find them all of surpassing excellence.

Large Flowering Dwarf Snapdragon or Antirrhinum

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value. Colors include white, striped, orange, rose, canary, crimson, copper color, vermilion, flesh, garnet, scarlet, etc.; furred and mottled and dotted.

877. Golden Queen—Pure yellow. Pkt 5c.
828. Queen of the North—Densely covered with large white flowers. A gem for beds and borders and valuable for pot culture. Pkt 10c.

Special Offer—One packet each of the 4 varieties, large flowering Dwarf Snapdragons, 25c.
**Allegheny Hollyhocks**

*If sown early bloom the first year from seed.*

The flowers of this new variety are from four to six inches in diameter, running from semi-double to double, and so finely fringed and curled, that, compared with the old ones, they have the look of a flower from Fairyland. The colors are shell pink, rosy and ruby red, a shade or two deeper at the centre, and exquisitely tinted towards the edge.

843. **Red**—Pkt 5c.
844. **Rose**—Pkt 5c.
845. **Shell Pink**—Pkt 5c.
846. **Maroon and Pink**—Pkt 5c.
847. **Mixed**—Per pkt 10c, 3 for 25c.

**Special Offer** 1 pkt each of the four distinct colors Allegheny Hollyhock for 15c.

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**Nicotiana Sylvestris**

A superb garden annual of robust branching habit about 3 to 4 feet high; the foliage is large and luxuriant, of very dark green; the very long, pendent, tubular flowers of pure white are borne in circular clusters on strong spikes above the foliage. The flowers emit a very delicious perfume.

848. Pkt 10c.

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**Nicotiana Colossea**

Attains a height of 5 to 6 feet during one summer; immense leaves, at first rosy and violet, afterward changing to deep green, with red veins. An imposing foliage plant, giving an elegant tropical effect.

849. Pkt 10c.

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**“Daylight” Dolichos**

*New Climbing Variety from Japan*

One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth the plant is indifferent to bad weather, and it will grow to a height of 15 feet by midsummer. **“Daylight”** is a stronger and more rampant grower than old varieties, growing nearly to the top of the trellis before commencing to flower and having more abundant foliage. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of pure white, pea-like blossoms. Each beautiful vine is a cloud of bloom from the tip to the base. These flowers are succeeded by a multitude of creamy-white pods, three inches long and an inch or more broad, having a rich waxen appearance. The vine does not cease to blossom until cut off by frost, and is indescribably showy when covered with the sprays of bloom and long spikes of snow-white pods.

850. Pkt 10c, 3 pkts for 25c, per oz 40c.

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**New Fringed Cyclamen “Butterfly”**

This new type owe their origin to one of Europe’s cleverest hybridizers. They possess all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of *C. persicum*, but differ in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them a grace not possessed by the old type, and, whether for cutting or grown for house or conservatory decoration, they are of surpassing beauty. Awarded first premiums and certificates wherever exhibited.

851. Splendid mixture of all varieties, original pkt 50c.

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**Cyclamen Bush Hill Pioneer**

This, the first variety of its kind, is undoubtedly destined to be the forerunner of any entirely new strain. Flowers white, of considerable substance, with a strikingly distinct crest or feather upon the face of each petal, adding enormously to the lasting properties of the flower. 852. Pkt 50c.
Giant Petunias

853. RUFFLED GIANTS—This new race is the result of years of careful hybridizing and selection by one of the foremost Petunia specialists. The flowers are of extraordinary size and substance, with very deep throat, and distinguished from the large flowering fringed section by the lateral fraying and disting, giving the appearance of being ruffled. The colors are not surpassed by any other strain, ranging from the deepest plum purple to the purest white, with all the intermediate shades, which, combined with the ruffling, make the flowers truly superb. Per pkt. 25c.

854. GIANTS OF CALIFORNIA MIXED—A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 6 inches across), but their great merit lies in the wonderful varieties of colors, markings, veining, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. Pkt 15c. 2 pkts 25c.

855. Single Scarlet-Fringed Petunia "Miranda"—Introduced by one of the foremost European Petunia specialists. It belongs to the large-flowering fringed section and in color is a brilliant rosy-carmine, merging into scarlet in the throat—and is believed to be the nearest approach to a true scarlet Petunia yet obtained. Worthy a trial. Per pkt. 25c.

SPECIAL OFFER—One Packet Each of Ruffled Giants and Giants of California Petunias, 35c.

MORNING GLORIES

856. The Brazilian Morning Glory—The leaves are 6 to 12 inches across and are borne from the ground up, over-lapping each other and making a dense shade. The flowers, which open in the morning, are three or more inches across, of a beautiful rose color. Per pkt. 5c.

Japanese Imperial—These Morning Glories have given great satisfaction. Their exquisite beauty and enormous size (from four to six inches across), with their innumerable marking and shadings, command the admiration of all flower lovers. The vines are strong and robust, while the foliage is quite distinct and luxuriant.

877. Single Mixed—Price per pkt 5c, oz 25c.

882. Double Mixed—Price per pkt 5c, oz 35c.

889. Yellow Morning Glory—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Price, pkt 5c.

890. "Northern Light"—Blooms some two inches in diameter, of pink lavender color. Price per pkt 5c.

SPECIAL OFFER—One Packet of Each of the Five Morning Glories, 25c.

891. Morning Glory Japanese Single Fringed (New)—Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion and sometimes show rare tints of ash-gray, bronze, terra cotta, brown and slate blue, colors rarely found in any other flowers. The leaves are also very handsome; some are ivy-like, others are heart-shaped, some are rich green, while others are streaked and marbled with white and silvery-gray or yellow, others with choicest flowers have rich, golden leaves. They grow anywhere, but the seeds germinate a little slower than those of the common Morning Glory. Pkt 10c, 3 for 25c.

GIANT PRIZE PANSY "MASTERPIECE"

862. This strain represents really the highest perfection in the Giant Five spotted Pansies and for this reason it has been named "Masterpiece." The growth and general habit of the plant is strong, bushy but compact, lasting longer than other Pansies and showing a healthier appearance when warm and dry weather sets in. The enormous large flowers are borne well above the foliage on strong stems, and possess greatest substance, are perfectly round and contain the richest combination of colors, that have ever been offered in a five spotted strain of Pansies.

Each petal is distinctly marked with a very large dark blotch and most of the flowers are margined with a light, white or yellow edge. Per pkt 15c, 2 pkts for 25c.

SALVIA SPLENDENS "SILVERSPOT"

865. Its most distinctive feature is its strikingly handsome spotted foliage. The leaves are rich, soft dark green, with light sulphur, or cream colored spots of various size liberally sprinkled over them. The unique and elegant foliage is very abundant and has an extremely fresh and healthy appearance. The intense bright scarlet flowers are very large and the plants of neat compact habit and floriferous as the ordinary sorts. Pkt 15c.
Flower Seed Collections

Simmers’ Flower Seed Collection “A”
10 Pkts Choice Fresh Flower Seeds for 25c.
Contains 10 beautiful varieties of easily grown annuals in handsome colored bags, with full directions for their culture.
Asters—Choice Mixed.
Poppy—Double Mixed.
Sweet Mignonette—.
Pansy—Good Mixed.
Double Imperial Pinks.

Simmers’ Flower Seed Collection “B”
20 Pkts Choice Flower Seeds for 50c.
Asters—Truffaut’s Perfection, mixed.
Balsam—Double mixed.
Phlox Drummondii—Mixed.
Tall Nasturtium—Mixed.
Panxy—All colors, mixed.
Mignonette—Lance flowering.
Morning Glory—Mixed.
Sunflower—Very double.
Zinnia—Best mixed.
Marigold—Double French.

Bush Sweet Pea
The First of an entirely New and Distinct Race.

The Bush Sweet Pea grows in perfect bloom, as shown in the illustration. It requires no trellis or stake like the tall Sweet Pea; neither does it hug the ground. Verbena-like, as do the Cupid race. An average bush grows sixteen to eighteen inches high, by from twelve to fourteen inches wide. One of the largest plants measured was seventeen inches high, and branchcd so vigorously that it measured twenty-four inches across! All the flowers are borne on top of the plant, and the proper way to treat this new type will be to plant the seed in a row, to make a neat, even hedge, when no supports whatever will be required. Grown as separate, individual plants, the slight support of a light stick should be furnished. The flowers, both in form and coloring, are a perfect reproduction of the Gray Friar. As is well known, this is one of the most beautiful varieties in the entire list of Sweet Peas. Of good size and perfect hooded form, they are of a most beautiful watered purple on white ground, the heavier coloring being on the back of standard. Pkt 10c, oz 20c.

Bush Sweet Pea “Gray Friar”

Simmers’ Flower Seed Collection “C”
Contains 40 Pkts of Flower Seeds for $1.00.
Asters—Simmers’ Exsisior Mix.
Alyssum—Sweet—Little Gem.
Balsam, Double—Mixed.
Calendula.
Canary Bird Flower.
Candytuft—Empress.
Cannas—Crocoy’s finest mixed.
Carnation—Margarite.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Columbine.
Cosmos—Mixed.
Double Daisy.
Double Hollyhocks.
Double Japan Pink—Best mixed.
Escholzia.
Evolution Flowers—Mixed.
Gaillardia—Annual.
Godecia—Mixed.
Goudre, Ornamental.

HARDY PERENNIALS—10 Varieties for 60c.

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Our Home Garden Collection

HARDY ROSES

The great advantage of this offer is that you get combined in one collection, Hybrid Perpetual, Climbing, New Sweet Briar and Moss Rose, without the expense of having to buy each one separately.

Fisher Holmes — Rich velvety crimson, large double; and of the finest form; a splendid rose. Each 30c.

Marcel de Lyon — Pure white, shaded with satiny rose. Each 30c.

Felicitto Popetue — Hardy climber, evergreen, color creamy white, a beautiful rose, very double. Each 90c.

Crimson Rambler — A fast climber, hardy and very desirable, flowers grow in clusters. Each 40c.

Lady Penzance — Sweet Briar, soft copper color, base of petals yellow, very fragrant. Each 30c.

Crested Moss — Deep pink, crest ed.

Special Offer Our Garden Rose Collection, one two-year-old bush of each kind for $1.60.

FOR OUR COMPLETE LIST OF ROSES see pages 77 and 78.
Why We Should Supply You with

Flower Seeds

"The Best and Nothing But the Best"

in our motto in buying and growing seeds, and this applies especially to flower seeds. We know all the flowers we offer, from practical experience of a lifetime, and we have furthermore, "kept up with the times" by extensive trials and frequent trips to the seed growing sections of Europe and the United States, so we are not only "posted" on what to buy, but also where to buy to the best advantage of our customers.

Our Packages are very Liberal in Size,
containing in most cases more seeds than are needed for a home garden.

To Supply Florists Largely.

Everyone knows that Florists who sow and cultivate seeds do it for a living, and can only use the best. Our sales to Florists increase from year to year, which is the best proof of the quality of our seeds. You get the same quality we sell to Florists, and that should convince you that it is Simmers' Flower Seeds you want for your garden.

HERE IS MONEY FOR YOU

In ordering Flower Seeds the running number must only be given with the year of publication of this Catalogue.

Full Cultural Directions for Sowing are printed on each and every packet.

A Select List of Flower Seeds

including all the Most Desirable

ABOBRA VIRIDIFLORA

1. An extremely pretty tuberous climber of the Gourd tribe, with handsome green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt 10c.

ABRONIA UMBELLATA—Handsome training annual for edging, pretty, pale rose flowers, similar to Verbenas. Per pkt 5c.

ABUTILON (Flowering Maple)—Very free blooming greenhouse shrubs, with handsome long and striped bell-shaped flowers; very ornamental in flower beds. Will bloom the first season, when sown early, 2 to 6 feet. Per pkt 25c.

ACACIA—Decorative greenhouse shrubs with elegant foliage, yellow, white or red, perennial. Mixed varieties. Pkt 10c.

Acanthus Latifolius—Stately foliage plants, suitable for specimens on lawns, or in borders, presenting a rich tropical effect. Hardy perennial. Per pkt 5c.

ACHILLEA, Tarmica—Hardy perennial, with double white flowers. Per pkt 10c.

ADLUMIA CIRRHOsa (Mountain Primrose or Alleghany Violet) a beautiful, hardy, climbing perennial; flowers white with purple. Pkt 5c.

ADONIS

8. Adonis Estivalis (Flor Adonis)—A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt 5c.

Adonis Vernalis—A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt 5c.

ACHIMENES

Splendid plants for the greenhouse or conservatory, forming all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

Achimes Hybrida. Per pkt 25c.

Bulbs. Per dozen 60c.

ACROCLINIUM

A beautiful class of half-hardy everlastings annuals, 1 ft. high; graceful border plants.

11. Roseum ft. pl.—Double flowers. Per pkt 10c.

12. Mixed, rose and white. Per pkt 5c.

ACONITUM (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

Aconitum Napellus—Bright blue and white flowers. Per pkt 5c.

AGATHAEA

11. Blue Daisy or Marguerite Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre, invaluable. Per pkt 10c.

AGERATUM—Cope’s Pet. Per pkt 10c.

ACERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one or two feet, except the Tom Thumb kind, which are not over six inches in height; prevailing color, bright lavender blue.

15. Aceratum Imperialis—Dwarf white. Per pkt 10c.

16. Cope’s Pet—Lovely azure blue; eight inches high. Per pkt 10c.

17. Tom Thumb—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-coloured flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt 10c.

18. Mexicanum—Lavender blue. Per pkt 5c.


AGROSTEKMA (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

10. Agrostemma Gith Roosa (Rose of Heaven), annual. Per pkt 5c.

21. Hydracal Splendens (Rose Champion), deep crimson. Per pkt 5c.

AMMOMBOUM (Winged Ammobium)

22. Alastum Grandflorum—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt 5c.

Those who purchase seed by weight or measure can see readily whether the full quantity bought has been delivered. Thousands, however, requiring only a small supply of Vegetable or Flower Seeds, purchase "packets." Packet is an elastic term. The quantity of seeds contained in a "packet" depends entirely upon the liberality of the seedsmen. We feel justified in saying that we are offering our packets at prices which are really cheaper.

What is a Packet of Seed?

These "hard times" some dealers seek to draw trade by offering seeds seemingly very cheap at odd figures, such as 2c, 3c and 7c "per packet." Comparisons of these so-called "cheap seeds" with the regular packets filled by us have shown that in quantity as well as quality, OUR SEEDS ARE REALLY CHEAPER.
SIMMERS' SUPERB DOUBLE ASTER

French, German and American Varieties

For beauty and variety of habit, form and color, the aster stands unrivaled, and of all flowers it is best suited to gratify the taste and win the admiration of every lover of floral beauty. All the varieties require rich, light soil, and in dry hot weather might be mulched with well-rotted manure and frequently supplied with manure water. They are hardy annuals, but may be grown in pots or under glass, easily, to have them flower sooner.

Collections of Truffaut's Peony-flowered Asters: 12 colors, 60c.
Collections of Improved Victoria Asters, 6 colors, 30c.

32. ASTER "Snowball or Princess" White—This is the largest of an entirely new class which may be be compared to Lollipops. A single plant develops as many as 20 white flowers. Per pkt 10c., for 25c.

34. "Triumph" Aster—This is one of the most beautiful of all dwarf asters. Each plant forms an elegant bouquet of itself about 7 to 8 inches high, the individual flowers measuring from 2 to 3 inches across and are of the most faultless Peony form. The color is a peculiar rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant bearing at least 30 to 40. Pkt 10c.

35. The Yellow Aster—In this we have the nearest approach to a yellow aster which has been so long sought after. Pkt 10c.

32. Peony-Flowered Robust Dwarf—Most valuable, being constantly in growth, with handsome foliage, and large, beautifully-formed flowers, brilliant colors, mixed. Pkt 10c.

QUEEN OF THE MARKET
Bloom six weeks earlier than other asters, of branching habit, excellent for filling under glass, 1 foot high.

32. White. 10c. 31. Crimson 10c.

SIMMERS' IMPROVED VICTORIA ASTERS
Undoubtedly one of the most handsome of all in cultivation of which we have an excellent strain. Flowers very large and perfectly double of giant shape and beautifully imbriated; plants are of fine pyramidal form. 1 1/2 feet high.

42. White. Pkt 10c. 43. Rose. Pkt 10c.

GIANT COMET ASTERS
A handsome new and very distinct aster, resembling the Japanese Chrysanthemum in shape of flower; the petals are very long and beautifully curving, are of a very delicate pink, bordered with white, bright pink, light blue, white, borders and other colors.

48. Pink. Pkt 10c. 44. Purple. Pkt 10c.

JAPANESE GIANT ASTER
55. Entirely distinct and novel. Plants of pyramidal growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of a very delicate pink, bordered with white, bright pink, light blue, white, borders and other colors.

55. The Bride. A variety of the Giant type. The flowers, on opening, are pure white, changing as they become older to a beautiful shade of rose; a most unique transformation. Pkt 10c.

OSTRICH PLUME ASTER
55. The plants grow 15 to 18 inches high and are of strong luxurious branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals and stamens are twisted and curled to give an extremely beautiful effect. This strain of Asters is of real value both for garden decoration and cutting. Pkt 10c, 3 for 25c.

SPECIAL OFFER
For those wishing a succession of Asters during the season we offer the following 4 varieties.

QUEEN OF THE MARKET, Mixed, Early.

FOR 35 cents
Alyssum

**SEMPLE'S BRANCHING**

Semple's Branching Alyssums, for size of bloom, freedom of flowering and other good qualities we have never seen equaled. The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Alises, making them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Alises and Chrysanthemums. We offer four distinct and beautiful colors:

- **57. PURE WHITE**
- **58. TRUE PINK**
- **59. LAVENDER BLUE**
- **60. BRIGHT CRIMSON**

1 packet each of the four colors—35 cents.

51. **MIGNON**—This charming Alyssum has rapidly acquired general popularity. We have, it is true, succeeded in obtaining several new colors; but they show as yet such a tendency to vary that we are constrained to offer them mixed seed only. It contains light blue, lilac, rose, carmine rose and crimson varieties in addition to the fine white one obtained by us several years. Per pkt 15c, 2 pkts 25c.

52. **Washington**—Pure white, flowers 4 to 5 inches in diameter and of perfect form, free bloomer. Per pkt 10c.

53. **China**—Double-quilled Chinese Alyssum; 1 to 2 feet; in variety mixed. Oz $1.00, pkt 5c.

54. **Vick's White Branching**—This sort is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter, and borne on long stems. Pkt 10c.

55. **Chrysanthemum-Flowered Double Dwarf**—Of very compact growth; very abundant; later than other Dwarf Alyssums.

56. **Similes' Excelsior Mixture of Tall Double Alises**—This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best named kinds. Like our other popular mixtures of Pansies, Nasturtiums, etc., we select the finest special colors for Similes' Excelsior Mixture of Tall Double Alises, and the Alder lover will be ascertained at the wide range of colors given in this truly Excelsior Strain. Pkt 10c, 3 pkts 25c, 6 oz 60c.

**AMARYLLIS**

Plants grown exclusively for their foliage and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equaled by any other class of plants. They succeed in any soil.

- **Per Packet**
  - **81. Sweet Allysium**—White fragrant flowers, hardy annuals, 6 inches, Per oz 30c.
  - **82. Little Gem**—Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 12 to 20 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring till late summer.
  - **83. Sunset Combination**—Rounded heads of white, yellow and pink, 1 foot high.

**ALYSIUM (Lemon Scented Verbena)**

A perennial, popular deciduous greenhouse shrub known as the lemon-scented verbenas, Alyssia Citriodora (Perovskia Citriodora). 10

**ANGELONIA (Lemon Scented Verbena)**

A perennial, popular deciduous greenhouse shrub known as the lemon-scented verbenas, Alyssia Citriodora (Perovskia Citriodora). 10
AQUILEGIA (Columbine)

Highly ornamental, hardy perennials, combining at once flowers of the most curious form, with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

97. Tall, extra fine st. mix. 10c.
98. Dwarf, Extra Choice Mixed Colors. Per pkt. 5c.

ARISTOLOCHIA (Dutchman’s Pipe)

101. ARABIAN PRIMROSE (Summer Flowering)

100. Formosa Rosea—commonly known as Thrift; hardy perennial of low growth, may flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Per pkt 10c.

102. Plumosa Nanus—This possesses the advantage of being very hardy, its foliage being finer than that of the most delicate fern, and cheerful green. It is an excellent house plant, succeeding under almost any conditions. Per pkt 15c.

103. Sprengeri—A pot plant for decorative purposes, or for planting in suspension vases. It will make an excellent house plant, as it withstands a dry atmosphere, and will succeed in the most unfavorable position. We consider this one of the best house plants introduced in many years. Per pkt 15c, 2 for 25c.

ASPARAGUS

104. Asparagus Plumosus Nanus

105. Japonica—A hardy, perennial foliage plant, of pleasing effect among shrubbery, 50c.

106. BRACHYCOME (Swan River Daisy)

Next, dwarf, half hardy annual, 6 inches high, flowers similar to the Cinerarias. Per pkt 5c.

107. White—Per pkt 5c.

108. BROWALLIA

110. Elata—White. Per pkt 5c.
111. Noonaniana—Blue, yellow centre. Pkt 10c.

112. CALANDRINIA


114. SACHETS

115. Sow seed in flower pots or cups, filled with coarse sand and cover with glass. A better way is to set in a saucepan of seeds into a larger one, and cover with water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Per pkt 10c.

116. ASPERULA (Woodruff)

101. Azurina Setosa—half hardy annual in easy culture in any soil, and very valuable qualities, with many beautiful umbrellas of azure flowers; height 1 feet. Per pkt 5c.
117. Olorata—A hardy perennial, 1 foot in height, the small sainiments of fragrant white flowers appear in May and June. Pkt 10c.

118. ARTEMISIA

119. Variegata—Very beautiful perennial, with beautiful silvery, grey and gracefully cut leaves, of agreeable odor; a valuable bedding plant. Per pkt 10c.

120. AURICULA

121. Balloon Vine—Very beautiful perennial, succeeds in the northern aspect not exposed to the sun; choice quality. Pkt 10c.

122. BARTONIA

123. Aurea, or Golden Bartonia—A favorite hardy annual, with shining, brilliant yellow flowers, of easy culture. Per pkt 5c.

124. BEET (Ornamental)

The ornamental-leaved Chilli Beet are among the most useful of the decorative foliage plants. For borders or groups, they are very effective. Pkt 5c.

125. BEGONIA

Plants may be had in flower the first season from seed grown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep the soil or soil and sand; in winter in dry sand.

127. Giant Double Tuberous Rooted, Mixed—Our seed has been sifted, leaving the most double flowers and handsome single varieties. Pkt 5c.
129. Red X Hybrids—Ornamental leaved varieties. Per pkt 25c.
130. VERNON—Flowers of a brilliant orange color; a beautiful variety. Pkt 10c.

Begonia, Single, Tuberous Rooted. Pkt 25c.
Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted in a rich, loamy soil, and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy-growing varieties. Also called "Lady Slipper" and "Touch-Me-Not." In brilliancy of color, Balsams are equal to any class of flowers, and the easy care of their cultivation renders them one of the most popular annuals in existence. They may be treated either as hardy or half-hardy annuals.

127. Simmer's Invincible Camellia-Flowered Double—Height 2 feet; flowers large, bloomed with white like the Camellia, in variety of colors, mixed. Per pkt 10c, 5pk 40c, or $2.00.

128. Dwarf Double—Not over 1 foot in height, flowering in such an abundant manner as to hide the leaves quite distinct and true from seed. Pkt 10c.

129. Solforno Double, or Carnation Striped—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

130. Camellia-Flowered, Perfection White—(Queen's White), flowers pure white, of immense size and solidity. Per pkt 10c.

131. Victoria Double—Brilliant salmon-scarlet, finely spotted and streaked flowers on white ground, tall, very fine. Per pkt 10c.

Collection of Camellia-Flowered Double—10 very fine varieties, 50c.

Calceolaria

A showy free flowering genus of hardy annuals, producing a pretty effect on mixed borders, and growing freely on any soil.

132. Double Large Flowering Sulphur Yellow—New light yellow variety of this favorite annual, compact habit, large, well-filled flowers. Pkt 10c, 5pk 30c.

133. Pongi fl. pl.—Double white. Two feet high. Per pkt 5c.

134. Truncunculoides fl. pl.—Double flowering dwarf orange. Per pkt 5c.

135. Superba—Sulphur. Pkt 5c.

136. Meteor—Double striped, flowering, very commendable. Per pkt 5c, or 20c.

Calceolaria (Lady's Slipper)

A most magnificent, early flowering class of indoor or half-hardy greenhouse plants, treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

137. Hybrida Maculata—Variety of the preceding, with apple or mottled flowers, highly improved. $2 pkt 25c, 5pk 50c.

138. Hybrida Shrubby—Or perennial, for bedding out during winter, bright yellow flowers. Per pkt 5c, or 20c.

California Golden Bells

139. Emmathe Pendulifera—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broad, bright red and gold flowers of up to 2 inches in length, of orangy yellow color. The general effect of a bush is very suggestive of a long spike of Lily of the Valley, with large yellow bells, the foliage however, is pinnatifid. Pkt 10c.

Callirhoe

140. Double Calliopsis—Double golden yellow with Maroon spot. Pkt 5c.

141. Tricolor—Very desirable hardy annual, 1 to 1 1/2 feet, yellow flowers, dark centre. Pkt 5c.

142. Cardaminacolla, Hybrida—Of more dwarfish habit than the preceding; dark brown. Pkt 5c.


144. Correopsis Lanceolata, New Golden Correopsis—One of the finest hardy plants, large, showy, bright golden yellow flowers, freely produced on long spikes from June till frost, hardy perennial; 3 feet. Pkt 10c.

145. Pedata—A half-hardy annual of the Mallow tribe, with large, deep rose flowers, produced in abundance during the whole summer of easy culture; height 2 feet. Pkt 5c.

146. Medium Mixed ( Canterbury Bells) flowers 2 to 3 feet high, large, single, flat, blue flowers. Per pkt 5c.

147. Medium fl. pl., Mixed—Double flowering variety of the preceding, constant from seed. Per pkt 10c.

148. Pyramidalis—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt 10c.

149. Lorelei—A dwarf hardy annual, with deep blue flowers. Per pkt 10c.

Campanula (Canterbury Bells)

Bellflowers, when well grown, are among the most attractive of hardy perennial plants, from the rich profusion of bell-shaped flowers in blue, white or flesh color.

150. Macroystis—A hardy annual 15 inches high, forming a broad, bushy bush, surmounted with cut-shape d flowers, 14 inches across, violet pure thorough white ground. Pkt 10c.

151. Cup and Saucer Campanula—One of the prettiest hardy perennial Campanulas, the flowers grow in the form of a cup and saucer, the colors are principally white and rose, and occasionally blue. Pkt 10c, 3 for $2.50.

152. Striped Cup and Saucer—The bell avers 8 inches in length, and the saucers 4 to 5 inches across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 inches high. Hardy biennials. Pkt 10c, 3 for $2.50.

Remember our discounts. One dollar buys $1.25 worth of seeds in packets. Our packets are made liberal and the quality of our seed unsurpassed.
CANDYtuft

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

156. Candytuft, Scarlet—One foot high. Pkt 5c.
158. White Rocket—Per pkt 1c, 1 oz 15c.
159. Mixed—All colors. Per pkt 5c, ½ oz 15c.
160. Dwarf Tom Thumb, White—Sweet scented flowers nine inches high. Per pkt 10c.
161. Perennials—A half-hardy, perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.
162. Iberis Capitata, Perennials—A beautiful hardy perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer, and in color it is pure white, shading off to delicate lilac. Pkt 10c, 3 for 25c.

CASTOR OIL BEAN (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage, very well suited for decorating shruberies or lawns.

170. ZANZIBAR CASTOR BEAN—A new form of Ricinus, of short stature, bushy growth and extraordinary large leaves, which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. They are not objectionable and which grow to enormous size, are beautifully mottled and speckled with various colors; White, pink, black, crimson, etc. They are as beautiful to look at as are many flowers. They are sure to please all. Per pkt 10c, or 20c, ½ lb 50c.
171. Cambogia (Cambodian Palma Christi)—They grow from six to eight feet high in a few weeks from time of planting, with large palm-like leaves of a bronzy red maroon color, with large red veins. The leaf stems and smaller growth are of rich reddish brown, while the main stem or trunk is of ebony black; the foliage in the sun light glitters like copper. Price, per pkt 10c, or 25c.
172. Borboniaceae Arboreus—Immensely green foliage. 15 feet. Pkt 5c or 50c.
173. Gibboni—Dark purple stems and leaves, 5 feet. Per pkt 5c, or 25c.
174. Sanguineus—A distinct variety with beautiful, brownish-red foliage and bright seed pods; very effective, 6 feet high. Pkt 5c, or 30c.
175. Mixed—In many sorts. Per pkt 5c, or 20c.

CENTROSEMA GRANDIFLORA or BUTTERFLY PEA

176. A perfectly hardy perennial vine of rare beauty; which blooms in July from seed sown in April, and bears in great profusion inverted peashaped flowers ranging in color from a rosy violet to a rich rich purple with a broad feathered white margined thro' the centre, the buds and back of the flowers being pure white. Per pkt 10c.
Simmers’ Carnations

A magnificent genus of hardy popular perennials, with deliciously fragrant flowers of most brilliantly variegated colors.

177. **Extra Choice Double**—Mixed, saved from a rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

178. **Fine Double**—Mixed, sweet-scented sorts. Pkt 10c.

179. **Remontant, Perpetual Flowering or Tree**—Flowering almost constantly during the year, and in winter if kept indoors. Sells on extra choice double flowers. Per pkt 25c.

180. **Early Dwarf Grenadin**—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. It will live through the winter with very little protection, b-_ug one of our hardest sorts. Flowers salmon-red and sweet-scented. Pkt 5c.

181. **Marguerite**—Rants are of dwarf, compact and neat habit, branching closely above the ground, and do not require any support. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst, and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers may be had all winter. Per pkt 10c, 3 for 25c, 7 for 50c.

For Carnation plants, see under Plants.

CLARKIA

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

192. **Mrs. Langtry**—A beautiful form of Clarkia. The petals have an even edge, the color of the flowers being purest white, with an evenly defined disc or centre of carmine crimson. Pkt 10c.

193. **Double and Single Varieties**—Mixed. Per pkt 5c.

CLEMATIS (Virgin’s Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

194. **Flammula**—Sweet-scented white flowers. Per pkt 5c.

195. **Jackmani**—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

196. **Paniculata** (Japanese Virgin’s Bower)—This is one of the few really good hardy climbers, and has so many merits, that we have decided to bring it prominently to the notice of our customers. Unlike other sorts, it produces easily from seed, and soon early will flower the first year. The leaves are of a bright, glossy green, it is never troubled with insect pests, and when in bloom astonishes with the quantity of flowers, being completely hidden b-_ath a blanket of white hawthorne-scented blossoms. (See cut.) Pkt 10c, 3 for 25c 75c.

CERASTIUM (Snow in Summer)

197. **Biebersteinii**—One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with rays covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers, 6 inches high. Per pkt 10c.

CENTRANTHUS

191. **Macrocephalon**—Showy, low growing, hardy annnual, suitable for any ordinary garden soil. Pink flowers, 1 foot. Pkt 5c.

CLEOME (Spiderwort)

Very pretty half-hardy fragrant annuals, 2 ft. high, flowers somewhat resemble a spider.

180. **Purpurea**—Purple blue flowers. Pkt 5c.

189. **Pungens** (Giant Spider Plant)—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt 10c.

CLINANTHUS

(Glory Pea of Australia)

180. A splendid half-hardy shrub 2 feet high, with large, rich, crimson-shaded clusters of pea flowers, shaded like parrot bills. If sown early will flower outdoors the first year. Pkt 10c.

CLINTONIA

189. **Pulchella**—Elegant, tiny, half-hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

COBAYEA

Elegant rapid growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

200. **Scandens**—Large, bell-shaped, purple flowers. Per pkt 10c, 1 oz 25c.

201. **Scandens Alba**—Pure white. Per pkt 10c.
Centaurea (Corn Flower, or Bachelor's Button)
Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

202. Marguerite—The handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance. Having long stems, it is useful both as a cut flower and for decorative purposes. Pkt. 10c., 3 pkts. 25c.

203. Odorata Chameleon—Its flowers are large, sweet-scented, and of a pale sulphur-yellow, changing gradu-ally into creamy white with purple shading and again into pink. Pkt. 10c., 3 for 25c.

204. Odorata (Mixed)—Habit same as the preceding. Pkt. 10c.

205. Americanana—Lilac flowers, 3 feet high. Per pkt. 5c.

206. Depressa—Deep blue flowers one foot high. Per pkt. 5c.

207. Double—We are assured that this introduction will meet with a hearty welcome. In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt. 5c.

208. Cyamns (Blue Bottle)—Different shades of mixed, 2 feet high. Per pkt. 5c.

Coccus Indica
(Scarlet Fruited Ivy Leaved Climber)
212. This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits 3 inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—40 feet. Pkt. 10c.

Collinsia
212. Bicolor, Mixed—Very neat hardy annuals, foot high, growing in any light soil. Flowers purple, lilac and white spotted. Per pkt. 6c.

Colesus
214. Hybrida—Beautiful ornamental foliage plants both for pot culture and bedding out during summer; the broad oblong leaves being of a deep crimson brown color, edged with green, yellow or salmon color, or outlined in a most picturesque manner. Simmers finest mixture. Per pkt. 25c.

Collombine (See Aquilegia)

Commelina
221. Colesie—A pretty biennial, of easy culture and of low growth; flowers bright sky-blue. Per pkt. 5c.

Cockscomb (or Celosia)
Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

216. Cristata, Giant—Mixed colors. Per pkt. 5c.

217. Dwarf—Mixed colors. Per pkt. 10c.

218. President Thiers, Glasgow Prize or Tom Thumb—A fine dwarf variety, with dark leaves and crimson combs. Per pkt. 10c. 3 for 25c.

219. Japanica, (Japanese Cockcomb)—Plants 2 feet in height, dark red foliage and stems, purplish scarlet head. Per pkt. 10c.

220. Thompson's Superb—(Triomphe de l'Exposition). Pyramidal in growth, attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. (See cut). Pkt. 10c.

221. Feathered or Patrich Plume Mixed—This feathered Celosia produces very large plumes which are completely curved and curled in exact re-emulation of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form. Per pkt. 10c.

222. "Golden Yellow" Branched Cockscomb (Celosia japonica aurea)—A pyramidal branched plant about 2 feet high, each branch being surmounted with finely ruffled comb, bright golden yellow. Pkt. 10c.
COWSLIP
231. Primula Veris—A well-known, hardy, early-flower- ing perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.

232. Giant American Cowslip (Hodgkinson Clevel- land)—It throws up flower-stalks over seven feet in length, a great curiosity. Per pkt 5c.

CUCUMIS
233. Flexuosus (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Per pkt 5c.

234. Perennials or Perennial Cound—A rapid growing, half-hardy perennial climber, handsome fruit. Per pkt 10c.

CUPHEA (Cigar Plant)
Remarkable for their beauty, freedom of blossom and ornamental appearance both in the greenhouse and in the garden; admirably adapted for pot culture for blooming in winter.

CYCLOMEN
235. Platycentra (Cigar Flower)—One foot high, in full bloom, resembles a Wax Lily. Per pkt 10c.

CYCLANTHERA
236. Explodens—Fast growing, hardy annual climber, fringed foliage, oval-shaped fruit. Pkt 5c.

CYPERUS (Umbrella Plant)
237. Alternifolius Variegatus—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

CYPRIS VINE (Ipomoea)
40. Cypress Vino (Ipomoea quamoclit)—A beautiful scarlet or white flowering climber. Per pkt 5c.

DAHLIAS FROM SEED
It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

11. Double Cactus, mixed—The plants grow in compact, well-branched, erect bushes, 30 inches in height. If sown as late as April (in the house) they will flower all summer long and until late in the fall. The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt 10c, 3 for 25c.

12. Rest Double Mixed—Per pkt 10c, 3 for 25c.

13. Dwarf or Liliput Mixed—Per pkt 10c.


* For DAHLIA ROOTS see under Bulbs.

DIDICUS
15. Corollus—A half-hardy annual, 2 feet high, delicately formed foliage and sky-blue flowers in umbels, very useful in bouquets. Per pkt 5c.

DIPLITYRA
16. Spectabilis (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathers d foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Per pkt 10c.

DOLICHOS (Egyptian or Hyacinth Bean)
247. Giganteus—A favorite, hardy annual climber, of rapid growth, bearing large clusters of showy, fragrant flowers, the seed pods in form of beans, deep purplish-blue colored. Per pkt 5c.

DORAGENA OR CLUB PLANT
Palm-like plants, indispensable for decoration.

282. Indica—Grows easily from seed. Per pkt 10c.

DRAASOEPHALUM (Dragon's Head)
290. Moldavicum—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seed. Pkt 5c.

DOUBLE DAISY (Bellis Perennis)
293. Simmers' Mammoth Daisies—The Double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seed from the finest double sorts. Per pkt 10c.

294. Rose White—Double, valuable for florists. Per pkt 10c.

295. Longfellow—Fine large flowering, dark rose flowers. Per pkt 10c.

296. New Snowball Daisy—A sport of that charming variety Longfellow, which possesses the good qualities of its parents; long stems, free bloom and large double flowers, suitable for every position. Per pkt 10c.
DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth. Larkspurs may be divided into three classes: those with flowers arising from dwarf and compact corymbs covered with flowers. Sow the seed early and they bloom freely the first year.

252. Double Rockets, Ajacis, fl. pl.—Double. Two feet high, with long spikes of many flowers. Per pkt 5c.

253. Double Hyacinthiflorum—Hyacinth flowered, 11 feet high, more compact in growth, flowers as fine as the preceding. Per pkt 5c.

254. Emperor—Of symmetrical bushy habit, with a profusion of brilliant blue, rose-striped and tri-colored flowers. Per pkt 10c.

255. Double Stock flowered—the flowers of a ferny nature, are of great effect, a line of primrose merit consists in keeping their height or even in a dry state. Per pkt 10c.

256. Consolida Candelabrum, fl. pl.—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors; appearing in abundance in a candelabra-like outline. Per pkt 10c.

HARDY PERENNIAL VARIETIES

257. Cashmerianum—A beautiful dark blue; blooms in corymbs of six or more; 1 ft. in. Per pkt 10c.

258. Zalli (Hardy Yellow Larkspur).—Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms, each one inch in diameter, flowering from June until Aug., 3 to 4 ft. Per pkt 10c.

259. Formosum—Two feet high; flowers in large spikes of exquisite blue and white. Per pkt 6c.

260. Pillar of Beauty (C. formosum colchicum).—An unusually lovely color—a diminutive size of sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Per pkt 10c.

261. Nudicaulis—Of dwarf compact growth, producing flowers varying in color from light to dark crimson. Per pkt 10c.

262. Sinense—Two feet high, flowering in rose clusters, sky blue, white or pink; excellent for bouquets. Per pkt 6c.

DIANTHUS—PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing the greatest variety of brilliant colors and profusion of bloom. The hardy Dianthus are deciduous and bloom the first season, the same as hardy annuals, height 1 ft. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

273. Crimson Belle—Very fine, large rich crimson flowers. Per pkt 10c.

274. Eastern Queen—Beautifully marked, with broad bands of reddish japo upon petals. Most valuable. Per pkt 10c.

275. C. albedon—Queen—Its flowers are of a very distinct and perfectly new tint in this class. They are not double dianthus flowers imitable, changing into a salmon-rose when fading. The flowers are well formed and short of height. The plants attain a height of 10 to 12 inches, like the other varieties of Dianthus Hedwigii. Per pkt 10c. 2 for 25c.

276. Coronates, fl. pl.—Carnation striped, double China Pink. Per pkt 10c.

DOUBLE ANNUAL VARIETIES

277. Imperialis, fl. pl. (Double Imperial Pink)—About six inches high, of great variety of shades. Per pkt 6c, or 75c.

278. Chinesis, fl. pl. (Double China or Indian Pink)—About 12 inches high, of robust growth, extra double flowers, in great variety. Per pkt 6c, or 50c.

279. Hedwigii Hybrids, fl. pl. (Japan Pink)—Robust, growing exceedingly large, distinct showy flowers. Per pkt 50c.

280. Lawsonii Albus Grandiflorus, fl. pl.—Very large double white flowers. Per pkt 10c.

281. Hedwigii Diadematus, fl. pl. (Double Queen Japan Pl.k)—Extremely double, large flowering, beautiful shades. Per pkt 10c.

282. Laciniatus fl. pl.—Very large double fringed flowers. Per pkt 10c.

HARDY PERENNIAL VARIETIES

283. Barbatus (Sweet William)—One ft. high, fine variety of colors, single mixed. Per pkt 6c.

284. Barbatus, fl. pl.—Double Flowering Sweet William—Brilliant variety, mixed. Per pkt 10c.

285. Plumarius fl. pl.—Double flowered, pure red, finely fragrant. Per pkt 10c.

286. Superbus Nanus—Double white dwarf, an excellent and profitable variety for bedding and for hedges. Per pkt 10c.

287. Collection—Ten distinct varieties of Dianthus. 75c.

ECHEVERIA

288. Metallica—A dwarf, succulent greenhouse perennial, for bedding out during summer, with broad bronze fleshy leaves. Per pkt 25c.
Elicrisum (Everlasting)  Per pkt.
30. Golden Ball—1 ft. high, bright yellow flowers 10
31. Snowball—White flowers 5
32. Compositum Minimum—Dwarf, yellow, very small 5
33. Monstrosum, fl. pl.—3 ft. high, double, mixed 5

Eschscholtzia (California Poppy)
Very showy hardy annuals; flowering abundantly until very late in summer, similar to poppies; of dwarf growth; succeeding in any soil. Pkt.
55. California—Orange 5
56. Rose-colored 5
57. White 5
58. Mandarin—Brilliant scarlet, distinct 10

Eccremocarpus (Calampelis)
59. Scaber—A rapid growing tender annual, with pretty foliage and clusters of handsome scarlet flowers 10

Erythrina (Coral Plant)
60. Crysta Galli—An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration; with beautiful foliage and superb spikes of scarlet peacock-flamed flowers; 5 ft. high. 10
61. Euphorbia (Snow on the Mountain) 10
62. Variegata—Half hardy annual 14 ft. high, showy, excellent for borders 10

Everlastings, Mixed
64. A single pkt will supply a great variety of the most attractive Everlastings. No more wide-mouthed present can be given to a visitor than some of these imperishable flowers. Three pkts for 25c. 10
65. Everlasting Pea (See Lathyrus). Evening Primrose (See Evening Primrose).

Ferns
66. To raise them from seed is very interesting; full directions are given on the packets for the two kinds 15
67. Collection of Ferns, 12 varieties $1.50

Fragaria
68. Indica (Indian Strawberry). A yellow flowering half-hardy perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year. A beautiful plant for hanging baskets. 10

Freesia
69. Freesia, Refracta Alba—Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white, with yellow throat and exquisitely fragrant. Three pkts for 25c or 10

Forget-Me-Not
Charming little hardy perennial plants, with an abundance of star-like white flowers, well adapted for small beds, hanging-baskets and rockeries. Per pkt.
70. Alpina (Myosotis alpestris)—4 in., dark, delicate sky-blue. 5
71. Victoria—The flowers are large and rich in color, blue, with yellow centers. The plants form stout bushes, completely covered with flowers; a valuable variety for cut flowers and pot culture. 10
72. Semperflorens—Charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches. 10
73. Compact Blue—9 in. high. 10
74. Dark Blue— höchst (or) 9 in. high.  10
75. Blue, without eye 10

White Flowering
76. Clear Blue (Dissectiflora)—One of the best of all he Forget-me-not. It is of a remarkable clear blue, much pleasanter to the eye than many of the other varieties and flowers much earlier. Three pkts for 25c. 10
77. Palustris—Beautiful blue flowers, 1 ft.; suitable for swamp ground. 5

Fuchsia
(Lady's Ear Dron). A pre eminently beautiful popular greenhouse or parlor plant. Variegated mixed 25

Geranium
79. Zonal—Scarlet sorts mixed 25
80. Double, Mixed—This seed will produce a large percentage of double flowers of extra fine color 25
81. Apple-Scented—This fragrant variety can only be grown from seed 10
82. Pelargonium, Mixed—From fancy and spotted varieties 25

Gilia
Hardy annual; very free flowering; suitable for sowing in masses.
310. Achillea Rosca—2 ft. high, rosy flowers 5
311. Capitata—2 ft., sky blue 5
312. Tricolor—1 ft., Fireball, Scarlet flowers 5

Gaillardia
Truly elegant, half-hardy biennial plants, flowering the first year, or hardy perennials of dwarf habit and flowers of two or three striking colors, in form of Cockades.
313. Picta Grandiflora—The largest flowering variety of the peach-leaved Gaillardia. Very showy, many colors, mixed. Pkt 10c.
314. Picta Lorenziana—The bright rays and disc flowers of this new variety develop into reflexed tubular funnel-shaped flowers, in colors one above another. Pkt 10c.
315. Gaillardia Hybridra Maxima—These are the choicest of hardy perennials; flower-purple, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet and vermilion, and very often a combination of all these colors in one flower; many colors, mixed. Per pkt 10c.

Gameolops
316. Tagetes Pumila—Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers. Per pkt 25c.
317. Bright Purple—Flowers, 18 in. high 25c.
318. White 25c.
320. Orange Yellow 25c.

Gloxinia (Hybrida Crassiflora)
Bulbous-rooted plant, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of bright colors. The bulbs must be kept in a cool dry place during the winter; 1 foot.
321. Grandiflora, with crest flowers. The finest mixture of the finest, spotted and banded varieties. Per pkt 25c.
322. Gloxinia Bulbs, split leafed flowering bulbs, sure to produce first-class blooms. Price per bulb 15c, 4 for 65c. 1.50 per doz., postpaid.

Grevillea (Silk Oak)
323. Rusciflora—A very beautiful, dwarf, dainty foliage; highly valued as a decorative plant for table and tropical lawn effects; tender perennial, 3 to 5 ft. 10

Grodinia
Ornamental hardy annuals, 2 foot, various shades of lilac and purple.
331. Insignia—Large flowered, mixed 5
332. Lady Albuemari—Crimson, edges of the petals suffused with pale lilac, dwarf 5
333. Lady Maior—Dwarf, white, for sending as branches or for framing; excellent for bouquets and cuts 5

Golden Feather
See Pyrethrum.

Grasses, Ornamental
337. Briza Maxima 5
338. Bromus Brizaciformis (Bromus Grass) 5
339. Coix Lachrymae (Buckwheat Grass) 10
340. Dyers Argemone (Pampas Grass) Mixture 10
341. Lagurus Ovatus (Hare's Tail Grass) 5
342. Stipa Pennata (Feather Grass) 1

Globe Amaranthus (Comphrenis Globoa)
Handsome favorite hardy everlasting annuals, flowering freely the whole season. Per pkt 25c.
325. Bright Purple 25c.
326. White 25c.
327. Variegata—25c.
328. Orange Yellow 25c.

Gloxinia
330. Acaulis—Short-stemmed hardy perennials, much used for edging; flowers dark blue; (Gladiolus Bulbs are offered on page 68).
331. Acaulis Mixture 10

Gentiana
329. Abigail—Short-stemmed hardy perennials, much used for edging; flowers dark blue; (Gladiolus Bulbs are offered on page 68).
332. Acaulis Mixture 10
Hesperis or Rocket

(Thyme's V. 1:1)

373. Matronalis Popular

hardy, fragrant flowering perennial, 2 ft. high. Mixed colors. Pkt. 5c.

HOPS

374. Hops — The old standard variety. Pkt. 5c.

375. Japanese Variegated

The leaves are strikingly variegated and marked; the flower colors are bright and distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will have almost snow-white, white, and another one, pure, and far away, almost green. Pkt. 10c, 3 for 25c.

376. Humulus Japonicus

Green-leaved Japanese Hop. Pkt. 5c.

Honesty

377. Lunaria Rediviva — Hardy biennial, admired for its silvery-seed pockets, which are used for house ornaments, 2 feet high. Per pkt. 10c.

Humea

378. Elegans — Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes, in the center of beds. It is most effective; half-hardy biennial. Pkt. 10c.

IOE PLANT

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

379. Mesembryanthemum Crystallinum

(See plant. Pkt. 5c.

380. Tribolium (Dew or Wax Plant) — Small pink flowers.

381. Cordifolium — Large rosy-purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt. 5c.

IMPROVIA (See Morning Glory and Cypress vine).

Impatiens Sultana

382. Zanzibar (in Sultana's) — Planted in open ground in June, it grows luxuriantly, flowers with the greatest profusion. The flowers are a brilliant rose-scarlet, about 1 1/2 in. in diameter. Pkt 15c.

Ippomopis (Standing Cypress) Stems 2 ft. high. Remarkably handsome, fine flowering, half-hardy biennials for borders, flowering the second year in different tints of bright orange scarlet.

383. Elegans — Mixed. Pkt. 5c.

Kalanchoe Carnea

384. This beautiful and decorative plant attains a height of about 18 inches and is of good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Per pkt 25c.

385. Ameloides — A pretty dwarf hardy annual, 6 in. high, dark purple, double flowers, desirable for early summer flower beds. Pkt. 5c.

Kaufussia

386. Scoparia (Beldivere, or Summer Cypress) — Red growing, great mass of fine gossamer plants for mixed borders. Yellow, hardy annuals, 3 feet. Pkt. 10c.

Kochia

387. Hybrida — Fine Mixed. A rapid growing annual shrub, for bolting during summer, 3 feet; flowers in heads of yellow, pink, orange or chrysanthemum colors. Pkt. 5c.

LARKSPUR (See Delphinium)

Lavatera

388. Hybrida — Handsome, free flowering, upright growing hardy annuals, of the Mallow tribe, crimson rose flowers. Pkt. 5c.

Lavender

389. A hardy plant bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials from 1 to 2 ft. Pkt. 5c.

Layia

390. Elegans — A pretty and attractive annual, very long lasting, for cut flowers purposes. The rays of the flower heads are bright yellow with white tips. Pkt. 10c.

LEMON VERBENA (See Alyssium)

Lily of the Valley

391. Convallaria Majalis — Lovely little spring blooming plants, bearing pure white, fragrant, bell-shaped flowers. Pkt. 10c.

Lantana Hybrida

392. Elegans — Very pretty, 3 feet; flowers in heads of yellow, pink, orange, or chrysanthemum colors. Pkt. 5c.

393. Clustering Selection of six pks 25c.

394. Gypsophila

Hardy annuals or perennial plants of low growth, producing multitudes of tiny white flowers, extremely neat in bouquets.

395. Elegans, Mixed — Annual, 2 feet high. Per pkt 5c.

396. Paniculata — White, fine for bouquets, perennial. Per pkt 5c.

Hedysarum

397. Cyanus — (The Telegraph Plant). Possesses the remarkable property of settling one or more leaves to motion in an indistinguishable time without any apparent cause. Per pkt 25c.

Helianthus or Sunflower

398. Papaver fl. pl. — Dwarf variety about 2 ft. high, flowers very double, rich golden yellow, 6 to 7 inches across. Pkt. 5c, or 20c.

399. Heliotropium

376. Lemoine's Giant

Hybrids — The trusses measure from 2 in. to 3 inches across. Their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt 25c, 3 pks for 25c.

377. Peruvianum — Popular indoor or greenhouse plant of low growth and delicately fragrant purple-blue or lilac trusses of delicate flowers. Mixed. Pkt. 10c.


Hibiscus

379. A very hardy shrub, straw colored flowers, with prominent dark spots on the petals, very desirable for mixed beds of flowers.

380. Africana — (Calsu- miana). Pkt. 5c.

381. Syriacus (Double Rose of Sharon) — White and purple. Pkt. 10c.

382. Crimson Eye — Flowers of the largest size, pure white, with a large spot of velvety crimson in the centre of each flower; hardy perennial flowers the first year from seed if sown early. Pkt 10c.

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SIMMERS’ SUPERB DOUBLE

Hollyhocks (Althaea Rosea)
One of our grandest summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 6 inches across. Hardy biennials, 6 to 8 feet high. The seeds are offered have been saved from our unrivalled collection of choice improved double varieties.

CHATER’S EXTRA DOUBLE—Most beautiful and true. Per pkt. 10c.

382. Double White—Extra strain of perfectly double pure white flowers. Oz $1.00, pkt. 10c.

383. Double Yellow—Compelling buff, straw color and orange shades. Per pkt. 10c.


385. Bright Pink—Double. Per pkt. 10c.

Hollyhocks—Chater’s Prize Collection, 12 distinct colors, 50 cents.
For Hollyhock plants to flower this year, see Plant List.

LOBELIA

DWARF OR COMPACT VARIETIES
Little, round, compact plants, fine for edgings, ribbon beds, etc., 4 to 6 inches high.

Prima Donna—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Per pkt. 10c, for 25c.

TRAILING VARIETIES
Branching plants for hanging over vases and baskets, 6 to 9 inches high.

1. Gracilis—Light blue, slender, trailing stems, grown for baskets. Per pkt. 5c.

2. Erinus Grandiflora Stellata, or Paxtoniana—Large blue flowers, white eye. pkt. 10c.

3. Erinus Speciosus—Large, free flowering, sky blue, white center. Per pkt. 10c.

HARDY PERENNIAL VARIETIES

4. Fulgens (Queen Victoria) — Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Per pkt. 10c.

5. Cardinalis—Scarlet, native of Canada. Per pkt. 10c.

LIMNANTHES

6. Douglasi—Easily raised, free flowering, slightly fragrant plants, excellent for beds or edgings in damp, shady places; hardy annuals. Per pkt. 10c.

LINARIUM (Kenilworth Try)

Very pretty, hardy annual or perennial, tall or low growing plants.

7. Alpina—Perennial, lilac shaded. Pkt 10c, P 15c.

8. Cymbalaria (Kentucky Try) Perennial, purple and white. Pkt 10c, P 15c.

9. Hendersonii—Annual, 1 foot high; lilac and yellow striped flowers. Per pkt 5c.

LINUM (Flowering Flax)

Free flowering hardy annual or perennial plant.

10. Grandiflorum Rubrum—Crimson. Per pkt. 5c.


LOPHOSPERMUM

12. Scandens—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy, foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Per pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)


LUPINUS or LUPIN (Sun Diala)

Desirable plants for bedding and bouquets, long graceful flower spikes, chily colored flowers.

14. Mixed Annual Varieties—Per pkt. 5c.

15. Mixed Perennial Varieties—Per pkt. 5c.

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkable, enormous heads of brilliant scarlet-shaded flowers.


17. Grandiflora Gigantea—A variety; of the preceding, of dwarf nature, and with many large flowers. Per pkt 10c.

MALVA

18. Moschata Alba—(White Musk Scented Mallow)—An attractive garden plant; grown into a pyramid by 4; produces numerous white flowers size of silver quarter. Thrives best in a warm situation. Per pkt 10c.

MALPOE


MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 3 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

20. Femosa—Mixed. Per pkt. 5c.

MATHIOIA (Evening Scented Stock)

21. Dicenmis—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Per pkt 5c.

MATRICARIA ( Feverfew)

Hardy perennials, flowering the first year, with daisy-like, double white flowers, 1 foot high.

22. Capensis, fl. pl.—Known as bridal rose. Per pkt 5c.

23. Eximia Nana Aurea Crispa, fl. pl.—Dwarf cotton, with golden yellow leaves exquisitely for bordering. Per pkt. 10c.

MAURANDIA

24. Maurandia, mixed—The prettiest half-hardy climbing plants in market, for trellises outdoors, or for greenhouse or parlour culture. Per pkt 10c.

MELILATUS (Sweet Clover)

25. Suaedens—Per pkt 5c.

MELOTHRIA

Mignonette "Bismark"—Pkt 10c.

**MIGNONETTE** (Reseda Odorata)
Most popular fragrant flowering hardy annuals, of trailing habit and graceful appearance; indispensable in every garden.

**Large Flowered**—Sweet-scented. Pkt 5c, oz 15c, 2 oz 25c; lb 1b 40c. lb $1.25.

**Miles’ Spiral-Off**—dwarf habit, branching, large flowered spikes. Pkt 10c.

**Parson’s White**—Slow growing, white flowers large and fragrant. Pkt 10c.

**Golden Queen**—An entirely distinct sort of dense pyramidal habit, with gold-yellow flowers, which give a most attractive appearance. Pkt 5c.

**Compact Dwarf**—Of upright, compact, bushy growth, almost circular, with reddish tinted, numerous flowers. Pkt 5c.

**Gabrielle**—Now, red, very sweet, pulks very thick. Pkt 10c.

**Bird’s Mammoth**—Under proper cultivation the spikes average 12 to 15 inches long, are very full and exceedingly fragrant. Pkt 10c.

**Five Giant Mignonettes**

**Bismark**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage; the bushes do not exceed one foot in height, the flowers are of a reddish hue and very sweet scented. Pkt 10c.

**DEFIAANCE**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long, but deliciously fragrant, much more so than any other variety. The individual flowers are of immense size and stand out boldly, forming a graceful as well as compact spike. For pkt 10c, 3 for 25c.

**The Prize**—This is a very distinct variety, the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red, excellent for bouquets. Pkt 10c.

**Machet**—Vigorous dwarf pyramidal plants, very stout flower stocks, with numerous dark green leaves, terminating in long spikes of deliciously-scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, or 25c.

**Giant Red, or Paris Market**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its enormous flower spikes are on the largest size, the individual blossoms of an intense red color are very sweet scented. One of the best for cut flowers and pot culture. Pkt 10c.

**Special Offer**—One packet of each of the above, five Giant Mignonette for 50c.

**MUSA ENSETE** ( Abyssinian Banana)

**Moonflower, or Evening Glory**—Pkt 10c.

**MIMULOUS** (Monkey Flower)
Extremely handsome, dwarf growing, half hardy biennials, with delicate, large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

**Cuprous**—Spotted, marked dotted and biotched flowers on yellow ground. Pkt 5c.

**Simmers’ Mammoth**—Magnificent strain; unequalled for beautiful color. Pkt 25c.

**The Emperor**—The flowers are remarkably rich and varied in color. Pkt 25c.

**Mimulus Moschatus**—See Musk plant.

**MINA LOBATA**
One of the handsomest climbers

**Moonflower—Ipomoea Nost(dora)**—Bears in the greatest profusion the lovely white flowers 5 to 6 inches in diameter, with five pointed saucer-shaped flowers, which give it a most attractive and eye appealing effect. Pkt 5c.

**Moonflower**—Ipomoea—Grows to a height of 12 to 15 feet, the flowers being large, white or yellow in color, with handsome long, lacy foliage. Pkt 5c.

**MOONFLOWER**

**Morning Glory** (Ipomoea)
Magnificent hardy annual climbers, very free flowering, trumpet-shaped rich shades.

**Mixed Morning Glories, all colors**—Pkt 5c, oz 20c, lb 1 lb 40c.

**Mexican Mixed**—Large flowering. Pkt 5c.

**Sky-Blue Mexican**—Splendid large flower ing. Pkt 5c.

**Variegated Leaved Morning Glory**—With silvery white marbled leaves distinct. Pkt 10c.

**Coccinea**—Scarlet, feathered leaf, purplish flowers. Pkt 10c.

**'HEAVENLY BLUE'**—Foliage very large, heart-shaped; flowers 4 to 6 inches across in loose clusters, light blue with a yellow throat suffused with a rose-colored bloom. Also a splendid conservatory climber. Pkt 10c.

**LEARLI**—The Blue Dawn Flower. Most beautiful, bearing clusters of the non-lovely sky-blue flowers imaginable that measure fully 5 to 6 inches across. Pkt 10c.

For the newest varieties of Morning Glory see Novelties.

**NICOTIANA**

(Tobacco Plant)
The following are very ornamental half hardy annuals and very desirable.

**Grandiflora Pupurae**—Large maroon foliage, dark purple red flowers. Pkt 5c.

**Affinis**—Sweet, Scented Tobacco Plant—Plants produce an abundance of large pure white flowers, very attractively scented in the morning and evening, emitting a delicious fragrance. Pkt 10c.
Simmers' Superb Nasturtiums

**TALL, OR CLIMBING VARIETIES**

Elegant and luxuriant climbers for verandas, trellises, etc., bearing the gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet. (See cut.)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>Seed Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>461. Simmers' Special Mixture</td>
<td>Variegated</td>
<td>Pkt 5c, oz 10c. 2 oz 20c. 1 lb 30c, lb $1.00.</td>
</tr>
<tr>
<td>465. Tall, Yellow</td>
<td>Very fine. Pkt 5c, oz 15c.</td>
<td></td>
</tr>
<tr>
<td>466. Dark Brown</td>
<td>Tall. Pkt 5c, oz 15c.</td>
<td></td>
</tr>
<tr>
<td>467. Hemisphericum</td>
<td>Silky, tall, scarlet. Pkt 5c, oz 15c.</td>
<td></td>
</tr>
<tr>
<td>468. Tall Edward Otto</td>
<td>Brownish lilac.</td>
<td></td>
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<tr>
<td>469. &quot; Golden Leaved Scarlet</td>
<td>&quot;</td>
<td></td>
</tr>
<tr>
<td>470. &quot; Hinemanni</td>
<td>Silky bronze chocolate.</td>
<td></td>
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<tr>
<td>471. &quot; Moltke</td>
<td>Bluish pink.</td>
<td></td>
</tr>
<tr>
<td>472. &quot; Pearl</td>
<td>Creamy white.</td>
<td></td>
</tr>
<tr>
<td>473. &quot; Prince Henry</td>
<td>Cream color, spotted red.</td>
<td></td>
</tr>
<tr>
<td>474. Tall Regelianum</td>
<td>Purple violet.</td>
<td></td>
</tr>
<tr>
<td>475. &quot; Scheuermanni (straw color)</td>
<td>Striped yellow and crimson.</td>
<td></td>
</tr>
<tr>
<td>476. &quot; Schillingi</td>
<td>Bright yellow, maroon blotches.</td>
<td></td>
</tr>
<tr>
<td>477. &quot; Vesuvius</td>
<td>Brilliant fiery rose, very effective.</td>
<td></td>
</tr>
</tbody>
</table>

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c.

**HYBRIDS OF MADAME GUNTER**

There have already been produced twenty-two different colors or combination of colors in these new hybrids, including various shades of rose, salmon, bright-red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock work, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom bore in uninterrupted splendor from early summer until cut down by frost. Their ease of culture, the rapidity of growth, luxuriant and dense, to a height of 12 to 15 feet are wonderful.

Pkt 5c, oz 25c, 2 oz 40c. 1 lb 75c, lb $2.50.

**LOBBS’ CLIMBING NASTURTIUMS**

The brilliancy and profusion in blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; annuals, 6 to 10 feet.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>478. Asa Gray</td>
<td>Primrose yellow.</td>
</tr>
<tr>
<td>479. Brilliant</td>
<td>Dark scarlet.</td>
</tr>
<tr>
<td>480. Chaixianum</td>
<td>Yellow, spotted red.</td>
</tr>
<tr>
<td>481. Giant of Battles</td>
<td>Sulphur with dark red blotches.</td>
</tr>
<tr>
<td>482. King of the Blacks</td>
<td>(Rol des noirs) Black maroon.</td>
</tr>
<tr>
<td>483. Lobbi Mutabile</td>
<td>Tall with bright scarlet flowers.</td>
</tr>
<tr>
<td>484. Mereier Lacombe</td>
<td>Dark purplish crimson.</td>
</tr>
<tr>
<td>485. Napoleon III</td>
<td>Golden spotted with brown.</td>
</tr>
<tr>
<td>486. Purpureum Violaceum</td>
<td>Tall—Purple violet flowers.</td>
</tr>
<tr>
<td>487. Spitfire</td>
<td>Brilliant light scarlet.</td>
</tr>
</tbody>
</table>

Any of the above—5c pkt, any 6 pkts for 25c, oz 25c.

**TOM THUMB, DWARF OR BEDDING VARIETIES**

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, rich colored flowers and free-blooming and long-lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. 1 foot.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>488. Simmers' Special Dwarf Mixture</td>
<td>Pkt 5c, oz 15c. 2 oz 25c. 1 lb 35c, lb $1.25.</td>
</tr>
<tr>
<td>489. Aurora</td>
<td>Deep orange yellow, the two inner petals blotched and veined carmine.</td>
</tr>
<tr>
<td>490. Beauty</td>
<td>Scarlet, splashed canary.</td>
</tr>
<tr>
<td>491. Bronze Color</td>
<td>Coppery bronze.</td>
</tr>
<tr>
<td>492. Cloth of Gold</td>
<td>Scarlet flowers and golden yellow foliage.</td>
</tr>
<tr>
<td>493. Crimson Rose-Colored</td>
<td>Dwarf.</td>
</tr>
<tr>
<td>494. Dwarf Crimson</td>
<td></td>
</tr>
<tr>
<td>495. Dwarf Yellow</td>
<td></td>
</tr>
<tr>
<td>496. Empress of India</td>
<td>Very dwarf, dark tinted foliage, flowers brilliant crimson.</td>
</tr>
<tr>
<td>497. King Theodore</td>
<td>Dwarf, intense dark brown flowers.</td>
</tr>
<tr>
<td>498. King of Tom Thumbs</td>
<td>Scarlet.</td>
</tr>
<tr>
<td>500. Lady Bird</td>
<td>Orange, yellow and red spots.</td>
</tr>
<tr>
<td>501. Pearl White</td>
<td>Cream color, very distinct.</td>
</tr>
<tr>
<td>502. Prinz Heinrich</td>
<td>Cream color, spotted red.</td>
</tr>
<tr>
<td>503. Regelianum</td>
<td>Purple violet.</td>
</tr>
<tr>
<td>504. Ruby King</td>
<td>Crimson rose, distinct foliage.</td>
</tr>
<tr>
<td>505. Spotted King</td>
<td>Orange spotted crimson.</td>
</tr>
</tbody>
</table>

Any of the above—5c pkt, any 6 pkts for 25c, oz 25c.
NEMOPHILA—(Love’s Grove)—Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

506. Mixed—Many rich, bright colors. Pkt. 5c.

NIEERBEMERGIA

507. Frutescens—A half-hardy perennial, slender growing, and prostrate in habit, flowering the first year if sown early; desirable for the greenhouse, baskets, etc., or bedding out; 1 ft. White tinted with lilac. 1 lt. 10c.

Nigella—(See Love-in-a-Mist).

NOLANA

508. Very pretty annual, trailing habit, with Morning Glory-like flowers, well adapted to rock work, 6 inches, hardy annual, mixed colors. Pkt. 5c.

OXALIS

509. Delicate half-hardy annual, and perennial, low growing plants with leaves like Shamrock. Pkt. 10c.

510. Trochodendron (Corniculata)—Short trailing annual, leaves deciduous marked brown-purple, yellow flowers. Pkt. 10c.

511. Valdiviana—Perennial, flowering in the first year, bright yellow, sweet-scented. Pkt. 10c.

NONOHERA

512. Fine Mixed—("Evening Primroses" or "Sea Daffs"). Large, showy flowers, various colors, hardy annual. 1 to 2 ft. Pkt. 5c.

PÆONIA

513. Sinensis (Chinese Peony)—Magnificent Paeonia Glaucoidea—Pkt. 10c. soldiers, erect, 3 to 4 ft. tall, producing large semi-double and double flowers, white, pink and purple shades, fragrant as roses; seed takes about two years before sprouting. Mixed. Pkt. 10c.

514. Nankinensis—Leaves deep mulberry or purplish black, 1 ft tall. Pkt. 5c.

515. Variegata—With leaves finely variegated and divided. Pkt. 10c.

516. PIGOTEE PINKS—Well-known plants of great beauty, combining with the most perfect form the richest colors; they have a delicate perfume, and are easily cultivated. 1 ft. high, half-hardy perennials. Mixed. Pkt. 5c.


518. Pure White—Pkt. 25c.

519. Platycodon—Hardy perennials producing very showy flowers during the whole season. They form large clumps and are excellent for planting among shrubbery. Mixed. Blue and white. Pkt. 10c.

520. Palma Christi (See Castor Oil Bean).

PENTSTEMON—Very attractive hardy perennial for beds, borders and cut flowers. The flowers are half-pendent, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in a rich, open soil and protected during the winter.

521. Finest Hybrids—A splendid mixture. 10c.

522. Corrolea—(See for greenhouse or potter, flowers light blue. Pkt. 10c.

523. Macrantha—For greenhouse or potter, flowers light blue. Pkt. 10c.

524. Incarnata—(See for greenhouse or potter, flowers light blue. Pkt. 10c.

525. Inversa—(See for greenhouse or potter, flowers light blue. Pkt. 10c.

526. Lopsided—Beautiful, showy annual, 5 ft. high, for borders. Pkt. 5c.

527. Chrysanthemum—ft. golden yellow. Pkt. 5c.

528. Superba—Dark red. Pkt. 5c.

POLYANTHUS

529. One of our earliest flowering, popular, hardy perennials, of low growth, particularly suited for edging borders; flowers in an astounding and great variety of colors, in form of Azaleas.

530. Goldlaced—The flowers have a clear, orange margin or blotch of gold on a ground color, similarly well defined; extra choice mixture. Pkt. 25c.

531. Most wonderful collection of hardy, graceful, showy annual, 1½ ft. high, for borders and edgings, of every color, with the exception of orange, purple, and crimson, drooping flowers; fine, light green, heart-shaped foliages, Pkt. 5c.

SIMMERS’ PHLOX DRUMMONDII—Improved Large Flowering Varieties

The various varieties of this flower are noted for extreme richness of color, profuseness of bloom, and length of duration of bloom. It is one of our finest annuals, and whether in clumps or masses looks equally beautiful. Hardy annual; 1½ feet.

532. Grandiflora—This strain of mixed, large-flowering Phlox is noteworthy for variety and brilliancy of colors. Not only is our strain notable for variety and brilliancy of colors, but also for the perfection and size of the flowers. Most of the single flowers are so large that they very nearly cover a fifty-cent piece. When our customers see the brilliancy and pleasing variety of colors from this seed they will thank us for recommending a liberal planting.

533. Finest mixture; 1 oz 30c., pkt. 5c.

534. Discoidalis Grandiflora, Mixed

Pkt. 5c.

535. Delicata—Delicatissima, white centre 10c.

536. Black Warrior—Dark red, nearly black 10c.

537. Indian Prince—Bright scarlet 10c.

538. Princess Royal—Light purple with white streaks, very brilliant 10c.

539. Leopard—Bright rose with white eyes 10c.

540. Washington—Violent purple, with blackish brown and white throat, very beautiful 10c.

541. Quadricolor—Purple throat, violet eye, with a white and red-h line 10c.

542. Radovitzki—Violet red, striped white 10c.

543. Rosea—Deep rose 10c.

544. White—Large flowering 10c.

545. William I.—Bright crimson with stripes 10c.

546. STARBROKEN PHLOX—"Star of Quidditch." Flowers of regular star-like form. Plant of compact habit, large umbels of flowers; novel and beautiful; mixed colors 10c.

547. FRINGED PHLOX—"Fimbriata"—A distinct variety: resembles the ordinary Phlox Drummondii; flowers white bordered, with white eye, which is surrounded by eye, which is surrounded by white, and with dark brown band, which is surrounded by blue, and with small eye, 25 distinct colors 10c.

548. Dwarf Scarlet (Fireball)—Tender and more compact 10c.

549. Dwarf White (Snowball)—A dwarf, growing variety of Phlox, remarkable for the incomparable perfection of flowers of a saffron white color 10c.

550. Double White—A profuse bloomer 10c.

551. Double Scarlet—With semi-double and double flowers, the trusses and individual flowers are equal in size to those of the dwarf compact varieties 10c.

COLLECTION—12 colors, annual Phlox

Pkt. 5c.

552. Double Flowering—Choice mixture 10c.

553. Collection of six distinct and brilliant colors 10c.

PORTULACA

554. Splendens—Single flowering, brilliant colors 5c.

555. Double Flowering—Choice mixture 10c.

556. Collection of six distinct and brilliant colors 10c.

One of the finest hardy annual plants, of easy culture. The flowers are of the richest shades of color, and produced throughout the summer in great profusion. Fine for massing in beds, edging or rock work; 6 inches.
Simmers’ Giant Pansies

The term “Giant Pansies” does not adequately describe these new strains, for, aside from the enormous size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By the continued improvement and proper selection of the parents, a most beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal inspection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

554. Giant Cassier—A mixture of well-shaped Petunias of gigantic dimensions, in choice variety, flowers marked with large blotches...

555. Giant Auricula Colors—Very beautiful shadings...

556. Giant Emperor William—Rich ultra-marine blue, purple velvet eye...

557. Giant Adonis—Beautiful, light blue, marked with a yellowish-white face and large black blotches...

558. Giant Dark Blue...

559. Giant Fire King—Brilliant red and yellow...

560. Giant Violet Blue...

561. Giant Canary Bird—The ground color is bright golden yellow, each petal marked with a large dusky blotch...

562. Giant Striped—A beautiful mixture, flowers striped and marked in various tints on continuous green.

563. Giant Yellow or Golden Queen—Very showy colors...

564. Giant Purple—Royal purple flowers, very large...

565. Giant Coal Black—Of immense size.

Simmers’ Collection of Giant Pansies

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue, and Giant Copper Color, for 60c.

Types of our Giant Striped Pansies and Giant Pansy Mixtures

Each per pkt 15c., or 2 for 25c.

PREMIUM PANSIES

While the Giant-flowered Pansies are great favorites on account of the immense size of their flowers, Simmers’ Premium Pansies excel in their endless variety of color, combining both size and beauty, and have acquired a world-wide reputation for size of bloom, and quality of coloring. They are the most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them, as they embrace all colors and markings.

574. Simmers’ Extra Improved Large Petunias—Flowering Premium Mixture—Embracing all varieties named in the following list and many other shades and colors, 1 oz 75c.

575. Golden Margined...

576. Velvety Crimson Purple...

577. Bronze Color...

578. Variegated...

579. Quadrilateral or Pheasant’s Eye—Flowers are of a reddish steel blue, with red and white edges.

580. Dark Maroon—Golden margined...

581. Velvety Crimson—Golden yellow ground and margin...

582. Reddish Brown...

583. Puro Yellow—Fine for bedding...

584. Cardinal Red...

585. Pansy (Blushing Chiffon)—A magnificent French variety, petals having a large blotch, clearly defined marginal colors in many different variations, extra large.

SIMMERS’ PREMIUM PANSIES

Collection of 12 separate beautiful sorts $1.00.

Collection of 6 separate beautiful sorts 50c. Any three 25c.

GIANT PARIS MARKET

571. The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c. for 25c.

GIANT BUGNOT

572. The flowers are of enormous size, perfectly round, of great substance and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt 20c.

MAMMOTH “BUTTERFLY” PANSIES

A very distinct strain, which, after repeated trials, we have found worthy. The flowers are very large, of good form and substance, and produce freely. In coloring they are varied, seldom two alike in a hundred plants. They are mottled and spotted, streaked, tinged and splashed, with the colors being those of rich wine red, chocolate, velvety red-brown, lavender, violet, and purple shades, only found in a Pansy blossom. We offer a selection made by us this summer from the original introducer’s strain.

573. Mixed Colors...

588. Peacock—A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors; this color has never been seen before in Pansies. The two interior petals are rich maroon, all being encircled with a delicate tint of terra cotta rose.

589. Peacock—A very free blooming and attractive Pansy, flowering early, remaining in perfection a long time. Flowers very large with brilliant and novel coloring. The upper petals are royal purple, shot with peacock blue, lower petals also of these colors; this color has never been seen before in Pansies. The two interior petals are rich maroon, all being encircled with a delicate tint of terra cotta rose.
PETUNIAS

Our Strains of Double and Single Petunias are the best obtainable.

Of late years the single striped, mottled and double varieties have been greatly improved. This strain we have obtained can be grown without contradiction, are the best that can be produced either in America or Europe.

057. Simmers' Perfection, Extra Large Flowering Fringed Mixed—This strain is a short bushy habit and blossoms of varied colors, striped, mottled, bicolored and self colors. Per pkt 10c.

058. Larger Flowering Fringed Mixed—Of fine bushy habit and blossoms of varied colors, striped, mottled, bicolored and self colors. Per pkt 10c.

059. Extra Mottled Strain—Large flowering, mottled and striped. Per pkt 10c.

060. Emperor—Very large, white, oval blooms, with colorings and markings very distinct and unusual. The solid colors are particularly rich and velvety. Some of the center blossoms have pink stars, some pure white stars, others are distinctly striped. 1 pkt 10c, 2 pkts 25c.

061. Imimitable—Red, margined and blotched white. Per pkt 10c.

062. White Large Flowering—Extra choice, large flowering, white, useful for cemetery work. Pkt 10c.

DWARF COMPACT PETUNIAS


064. Empress—For an everblooming white flower, suitable for beds and borders. We think this new Petunia has few equals. It reproduces from a photograph, shows its dwarf, bushy habit and also its abundance of bloom. The flowers are purest white, of good shape and size, sweet scented and lasting. This plant is admirably adapted to our climate, on account of its heat resisting qualities. We recommend it. Per pkt 10c.

065. Simmers' Extra Double Large Flowering Fringed, Mixed—Our new selected types have deeper and finer fringes, better habit and more delicate colors. In our tests it outshines others in number and greater variety than ever before offered. It is well-known that the Double Petunia, grown from seed, produces but a small percentage of double flowers. The balance in single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Per pkt 50c.

066. White Double Snowball—New double white. Pkt 50c.

067. Double Mixed—5 oz from double flowers grown in pots. Per pkt 25c.

Double Annual Varieties

068. The Mikado—American flag. The petals are white at the base, while the edge is frilled with a striking purple. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. 10c.

069. Double French or Carnation Flowered—Single, double, Per pkt 5c, or 25c.

070. Penny Flowered—Flowers in rows and size equal to Penny. Per pkt 5c, or 25c.

071. White Swan, or Fairy Starch—Eighteen inches high, enormous pure white double flowers. Per pkt 10c, 3 pkts for 25c.

072. Golden Gate—Large double flowered, blooms profusely. Per pkt 10c.

073. Simmers' “SPECIAL” POPPY MIXTURE—Comprises per oz all the above named and described Poppies, but also a number of other sorts, especially purchased for this mixture, including some entirely new lines, as a grand display. Per pkt 10c, 3 for 25c, 1 oz 40c.

Hardy Perennial Varieties

074. The Great White California Poppy (Eschscholzii)—Dazzling beauty as an outdoor plant; flowering from July to October. Flowers are large, 1 to 5 inches across—pure white with a profuse bunch of yellow stamens. The plants attain a height of 1 to 2 feet, and are really magnificent. Per pkt 10c.

075. Iceland (Papaver nudicaule)—These beautiful perennial Poppies flower in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. Mixed colors. Per pkt 10c.

076. Papaver Orientale (Oriental Poppies)—The prevailing color is the brightest scarlet imaginable. The flowers are often 6 inches across and endure for several weeks. Our illustration, which is a reproduction from a photograph, shows its dwarf, bushy habit and also its abundance of bloom. The flowers are purest white, of good shape and size, sweet scented and lasting. This plant is admirably adapted to our climate, on account of its heat resisting qualities. We recommend it. Per pkt 10c.

077. Crocus—Yellow flowers. Per pkt 5c.

COLLECTION—12 varieties, double and single, 30c.
CHINESE PRIMROSE

For parlor culture as well as for the greenhouse no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round. We procure every year the choicest varieties from one of the best and most celebrated growers in Europe.

613 CHINESE PRIMROSE MIXED—The culture of these lovely flowers is much easier than most people think. Our mixture includes one of the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.

614. Erecta Superba—White fringed, in bunches borne well above the foliage. Per pkt 25c.


616. Snow Queen — A distinct and beautiful variety of Primrose with the finest pure white flowers of its size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 50c.

617. Carter's Holborn Blue—A distinct variety, with azure-blue flowers borne above the foliage. Per pkt 25c.

618. Punctata Elegans—Crimson, spotted white. Per pkt 25c.

619. Williams' Prize—Dark c. d. large fringed flowering; extra fine for pots. Pkt 25c.


621. Alba Magnifica—The finest pure white variety grown; flowers 2 inches across with large yellow eye. Per pkt 25c.

622. Erecta Superba, double white—Double flowering variety of No. 614; reproduces well from seed. Per pkt 50c.


HARDY PRIMROSES

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

625. Vulgaris—The old-fashioned common yellow primrose. Per pkt 10c.


627. Cortusoides (Siberian Primrose)—An early rose-purple flowering hardy perennial. Per pkt 10c.

VARYING PRIMULAS

623. Obconica Grandiflora, new large flowering Ever-blooming Primrose—One of the most useful plants grown, it grows early in spring will begin to bloom in May or June, and continue throughout the year, flowers soft lilac shade. Per pkt 10c.

628. Floribunda—One of the prettiest and best Primroses, same general character as P. Obconica, only a lovely shade of primrose-e yellow. Fragrant, free blooming. Per pkt 10c.

630. Primula Forbesi or Baby Primrose—The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. These, however, should be pinched off, and the plants kept growing until October, when the flowers may be allowed to develop, and from then until late in spring, they produce their sprays of beautiful rose-lilac fingers in seemingly never-ending profusion. Pkt 10c.

631. Hybridum—Large flowering single mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red, with bright yellow centres; 2 feet. Per pkt 10c.

632. Hybridum fl. pl.—Large flowering double mixed. Beautiful colors; mixed; 1½ feet. Per pkt 25c.

YELLOW FOLIAGE SORTS FOR BEDDING


ROSES

634. GOLDEN GEM—The double flowering variety of the preceding. Per pkt 10c.

635. Dwarf Polyantha or Fairy Rose—Roses from seed the first year, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot, and very pretty for solid beds and borders. Per pkt 10c, 3 for 25c.

636. Mixed Hybrids—The seed we offer is from the best mixture of hybrid perpetual and moss roses, will flower the second year. Per pkt 10c.

RHODANTHE

One of the neatest of the genus of flowering half hardy annual everlasting; of low growth, in different shades of bright pink and white, with yellow disc.

637. Maculata—1 foot. Pkt 10c.

638. Alba—Pure white. Pkt 10c.


RUDBECKIA

(Texas Cone Flower)

641. Bicolor—A hardy annual of compact branching growth, producing flowers about 3 in. in diameter, of a bright yellow, red and blackish purple disc; height of plant about ½ feet. Pkt 10c.

642. Dwarf Polyantha or Fairy Rose—Pkt 10c.
SALPIGLOSSIS (Painted Tube Tongue)
One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors, and exquisitely veined and laced, 1½ ft. high.

642. Mixed—Large flowering. Pkt 10c.

643. Emperor—A new type of this gloriously beautiful, garden annual, growing in upright columnar form, having only one strong main stem, about 30 in. high, which is well furnished with large Petunia-shaped flowers. 3½ to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors 10c.

Salpiglossis Mixed—Pkt 10c.

617. Coccinea—1 ft. high, scarlet flowers, annual. Pkt 10c.
618. Farinacea—3 ft., showing long spikes of blue flowers, annual. Pkt 18c.
620. Dwarf Salvia or“ Burning Bush”—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.
621. Argenta—2 ft. high, silver leaves, blue flowers, beautiful perennial. Pkt 10c.

SAPONARIA (Bouncing Bet)
Hardy free-flowering annual or perennial plants of easy culture and different growth, the most of them being of trailing habits and suitable for rock gardens or the border, and very beautiful in rockery and rock garden, 1½ ft. high.

652. Mixed—All colors, 6 in. Pkt 10c.

653. Procumbens, fl. pl.—Beautiful trailing annual, well adapted for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

654. Huetti—Hardy perennial of trailing h. bit; for shady places, rockeries or hanging baskets, unqualified; flowering abundantly and constantly. Dwarf, white flowers. Pkt. 10c.

655. Tall Double Mixed—All colors mixed. 5c.
656. Dwarf Mixed All 1 ft. high; large flowers and robust in growth. Pkt 10c.

657. Snowball—The flowers of this pretty Scabiosa are large, measuring fully 2 in., in diameter, of purest snow-white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. If plants are planted in the fall, they will furnish pure white flowers until Christmas. Pkt 10c, 3 for 25c.

658. Golden Yellow—This color has long been de-sired in the Scabiosa family, and is now obtained, after years of selection. The flowers are double, and of a pure yellow color. Pkt 20c.
659. Caucausia—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac blue, 2 ft. Pkt 10c.
660. SCALE RUNNERS—Pkt 5c.

SCHIZANTHUS (Butterfly Flower)
Few plants are more attractive than these when well grown, whether in pots or in the border; they are of a branching elegant habit, well covered with peculiar shaped flowers, hardy annual.

661. Fine Mixed—2 ft. high, flowers orange and carmine shaded, spotted with yellow, resembling a small butterfly. Pkt 10c.

SEA LAVENDER (Everlasting Statica)

662. Statica Bondwelli—1 ft. bright yellow. Pkt 10c.
663. Alba—White variety of the preceeding. Pkt 10c.
664. Incana—Hardy perennial, sky-blue flowers. Pkt 10c.

SENCEO (Jacobaea)

665. Elegans—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 ft. high, adapted for bedding or indoor culture, producing multitudes of false-shped small flowers. Pkt 5c.

SENSITIVE PLANT (Touch Me Not)

A tender annual, half trailing, 1 ft. high, with very curious leaves; very curious and interesting plants, the leaves closing if touched or shaken; of very curious culture, succeeding in any soil.

666. Mimosa Pudica—Pkt 5c.

SILENE

Elegant dwarf, bushy annuals, bearing a profusion of bright, attractive flowers through spring and summer; admirable for beds, borders, rock work.

668. Rubraeflora, fl. pl.—Double flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial, greenhouse or parterre. Shrub.

690. Medecola Asparagus—Pkt 5c or 25c.

SNAPDRAGON (See Antirrhinum).

SOLANUM

Very elegant, highly ornamental, flowers of fruit-bearing plants.

670. Marginatum—3 ft. high, leaves white edged and velvety. Pkt 15c.
671. Capsicumstrum, Little Gem or Jerusalem Cherry—3 feet high, scarlet h. rives, like cherries, beautiful for pot. Pkt 10c.

SCHIZANTHUS—Pkt 10c.

672. Serrata White—For pot culture or the border, half-hardy perennial. Pkt 10c.

SWEET WILLIAM (See Dianthus)
**SIMMERS' LARGE FLOWERING SWEET PEAS**

An ounce of Sweet Peas contains about 800 seeds, enough to sow a single row 5 feet long. Our packets of all (excepting the Novelties) are liberal, containing 75 seeds, enough to sow a single row 6 feet long.

**OUR MIXTURES**

681. SIMMERS' GIANT "GILT EDGE" MIXTURE—This mixture of Sweet Peas, as improved for 1891, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of the large-flowering type, the seed of which has been grown separately from selected stock, and only the largest-flowered, most beautiful new Sweet Peas have been selected and mixed by ourselves. We have maintained a high standard throughout, and can promise all lovers of Sweet Peas as in this unequalled mixture. Per pkt 5c, oz 10c, lb 50c. Price, by express, 5 lbs $2.25, 10 lbs $4.00.

674. ECKFORD'S MIXTURE—This is grown from stock seed which was made up from named varieties and contains over thirty varieties, including some novelties and all the choice varieties. By mail, postpaid, pkt 5c, oz 10c, lb 50c. Price, by express, 5 lbs $2.25, 10 lbs $4.00.

675. FINEST MIXED—This strain, although not embracing the new seedlings, contains a beautiful assortment. Per pkt 5c, oz 10c, lb 50c.

676. Mixed—Pkt 5c, lb 10c, lb 30c.


678. America—Cardinal stripe on white ground.

679. Black Knight—A deep maroon self, clear rose.

680. BLANCHE BURPEE—Pure white.

681. California—Most delicate pink.

682. Captain of the Blues—Dark blue, netted with purple.

683. Captain Clark—White and lavender streaked carmine.


685. Chancellor—Standards bright orange, wings bright orange pink.


687. Columbia—Crimson rose and pale blush mauve on white ground.

688. Coronet—White striped orange-rose.

689. Countess of Powis—Standards bright rose orange, wings clear rose.

690. Countess of Shrewsbury—Rose standard white wings.

691. Countess of Radnor—Delicate lavender self.


694. Daybreak—Watered crimson, scarlet on white ground.

695. Duke of Sutherland—Deep claret standard; the wings deep indigo-blue.

696. Duchess of Sutherland—Pearl white delicately suffused with light red bloom.

697. Earliest of All—Pink and white.

698. Emily Henderson—Purest white.

699. Emily Lynch—Pink, suffused primrose.

700. Extra Early Blanche Fory—Pink and white.

701. Firefly—Intensely brilliant scarlet.

702. Golden Gleam—Cream of the yellows.

703. Juanita, or Striped Celestial—Pure white, delicately lined with pale lavender.

704. Lady Nina Balfour—Mauve, suffused with heliotrope pink.

705. Lady Mary Curry—Deep orange-pink, delicately shaded rose-lliac.

706. Lady Penzance—Standards orange-pink, wings deep pure pink.

707. Lottie Eckford—Lavender shaded pink and white.

708. Lottie Hutchins—Dainty flaked with pink on a cream ground.

709. Lovely—Soft shell pink.

710. Maid of Honor, or Improved Butterfly—White ground, edged light blue.

711. Mars—Intense crimson-scarlet very large.

712. Modesty—Most delicate pink.

713. Mrs. Eckford—Primrose-yellow.


715. Mrs. Sankcy (black seeded) Large, bold flower, pure white, faintly flushed.

716. Navy Blue—A true blue, a new color.

717. New Intense, or Improved Countess of Radnor—Pure light lavender.

718. Oddity—Pale carmine edged with rose.

719. Oriental—Of a rich orange cast.

720. Prima Donna—Lovely shade of soft pink.

721. Primrose—Cream.


723. Countess of Radnor Cupid—Delicate lavender.

724. Firefly Cupid—Scarlet.

725. Any of the above, Pkt 5c, any 6 pkts for 25c; oz 10c.

726. Princess Beatrice—Warm blush pink.


728. Prince of Wales—Bright rose.

729. Princess of Wales—Standards striped white and blue, wings violet-blue and white.

730. Queen Victoria—Cream, suffused purple.

731. Ramona—Creamy white, splashed pink.

732. Red Riding Hood—Rosy pink, shading to blush white.

733. Royal Rose—Deep rosy pink.

734. Sadie Burpee—The new white, extra large flowers.

735. Salopian—Best of the deep crimsons.

736. Shahzada—Purplish maroon, wings indigo.


738. Stella Morose—Yellow, becoming a little lighter as the flower grows older. About the third day it is a delicate primrose with a faint rose pink on the edge.

739. Triumph—Standards bright pink, lightly suffused with scarlet orange; wings pale rose.

740. Waverley—Rosy claret and light blue.

Price of Named Varieties except where noted—Pkt 5c, oz 10c, 1-4 lb 25c.

Customers' selection of any seven 6 cent packages for $1.00.

Any twelve packages for 40c.

**PERENNIAL VARIETIES**

Showy free-flowering plants for covering old stumps, fences, etc. 5 feet.

746. Lathyrus Latifolius—The old favorite red variety. Per pkt 10c.

747. Albua—Large clusters pure white; grand, hardly low climber. Per pkt 10c.

**DOUBLE SWEET PEAS**

All these are really semi-double flowers. The best varieties we have will not produce more than half doubles, the other remaining of the usual single type.

748. Mixed—A mixture of 11 named varieties Pkt 5c, oz 10c.

**PERENNIAL VARIETIES**

Showy free-flowering plants for covering old stumps, fences, etc. 5 feet.

746. Lathyrus Latifolius—The old favorite red variety. Per pkt 10c.

747. Albua—Large clusters pure white; grand, hardly low climber. Per pkt 10c.

**Novelties of 1900.**

748. Othello—A beautiful dark-brown chocolate red, self-colored flower.

749. Countess Cadogan—Standards slightly hooded, of a bright, shining, pink color, overlaid with a charming light sky-blue; wings a pure sky-blue.


751. Hon. F. Bouvier—Standard a most beautiful coral-pink, wings slightly lighter.

752. Lady Griel Hamilton—Color a beautiful, shining, pale lavender.

753. Lady Skolmersdale—Standards bright rose-lliac; wings white, slightly shaded rose-lliac.

754. Mrs. Dugdale—Standards most lovely rose, shaded rich primrose; wings primrose shaded and splashed light rose.

Price of any of the above, pkt 10c, oz 10c, 1-4 lb 25c.

**SPECIAL OFFER.** We will give one pkt each of the above 7 novelties for 50c.
**STOCKS GILLY FLOWER**

These old-fashioned flowers are much liked for their peculiarly pleasant perfume and bright color. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half hardy annual. Pkt. 10c.

**LARGE DOUBLE GERMAN TEN WEEKS—PYRAMIDAL GLOBE—MIXED**

Crimson

Light Blue

Purple

Pure White

Bright Pink

Improved Ten-Week "Snowflake"—The earliest white Ten-Week Stock in cultivation, resembling in habit the Dwarf Pyramidal race. It produces a vigorous plant spike of extremely large and double snow-white flowers. Pkt. 10c.

"Cut and Come Again," also called Princess Alice—Produces all season pure white double flowers. It throws out numbers of side branches, each of which bears a cluster of blossoms. A splendid Stock for cutting and quite fragrant. Pkt. 10c.

"Pillar of Snow"—A superb variety, producing a grand central spike of beautiful pure white flowers, the plant afterwards branchling and continuing in bloom covered throughout its height by the frost. Sown in July or August, and potted up, will bloom splendidly under glass in winter. Pkt. 10c. 25c. 50c.

East Lothian—Pure white, invaluable for florists. Pkt. 10c.

Turf, Brilliant Deep Blood Red (Victoria)—Beautiful pyramidal shape, the flowers being produced in a dense spike, from which the plant is killed by the frost. Sown in July or August, and potted up, will bloom splendidly under glass in winter. Pkt. 10c. 25c. 50c.

Brompton—Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 ft. high. Pkt. 10c.

**COLLECTION OF STOCKS**

Large, Pyramidal, Double Ten Weeks—12 colors.

Large Flowered Pyramidal Double—8 distinct colors.

East Lothian, Double, Large Flowered—Six distinct colors.

German Ten Weeks Pyramidal Globe Stocks

Swainsonia Grandiflora Alba 776. A very popular plant for house culture. Petals as graceful as an Acanthus; flowers pure white, produced in sprays of 12 to 20 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial. 1 to 4 ft. Pkt. 10c.

Thunbergia 771. Alata—A half-hardy, low climbing annual, flowers somewhat of the shape of Morning Glory, bright yellow or deep blue, with a large back centre. Pkt. 10c. 25c. 50c.

Tagetes Signata Pumila 772. Charming dwarf garden annual, flowering in greatest profusion throughout summer and autumn; color bright yellow; very effective in large low beds, in front of garden walls. Pkt. 10c. 25c. 50c.

Tunica 773. Saxatilis—Very neat dwarf trailing, hardy perennial, covered with pretty white flowers, good for edging or rockeries. Pkt. 10c.

Torenia 774. For hanging baskets or culture in pots it is unsurpassed, and in summer site it brilliancy adds a pleasing variety to outdoor decorations, tender annual.

Tunica 773. Saxatilis—Very neat dwarf trailing, hardy perennial, covered with pretty white flowers, good for edging or rockeries. Pkt. 10c. 25c. 50c.

Ballionis—Golden yellow with dark throat, distinct and beautiful. Pkt. 10c.

"White Wings"—Attractive, pure white, flushed rose at throat. Pkt 25c.

**VENUS' LOOKING GLASS**

Campanula Speculum—A free flowering, hardy perennial, adapted for hanging baskets or rock work, ribbons or edgings. The plants form a small, spreading mass of about 6 inches high, may be had in blossom for the whole summer. Blue. Pkt. 5c.

Veronica 778. Early flowering, hardy perennials, all colors, mixed. Pkt 10c.

VERBENA

**Grandiflora Mammoth Strain**—Talls distinct and superb class of Verbena. An remarkable improvement in the older varieties. It produces flowers of enormous size, the flowers being fully one inch in diameter, with clearly defined margins and white eyes. Very choice mixed. Pkt 10c, 25c, 50c.

**Mammoth Blue**

Pkt. 10c.

**Mammoth Scarlet**

Pkt. 10c.

**Mammoth Pure White**

Pkt. 10c.

**Mammoth Aurea**—Spindletop flowers, with large white eye. Pkt 10c.

**Yellow Leaved Golden Baccalaureate**—A golden yellow flower which forms a striking contrast to the green or blue flowers. Pkt 10c.

**Venosa, Purple**

Being a mixture of a number of fine colors, a Good Bedder. Pkt 10c.

**Erinicon (More Verbena)**—Purple-blue blossoms in lavish profusion; comes into flower in June and continues incessantly until November. For beds, baskets or rockeries it is highly desirable. Pkt 10c.

**Citronella** (Lemon-scented Verbena)—The leaves are delightfully fragrant and refreshing. Grows easily from seed. Pkt 10c.

**TOM THUMB VERBENA**

(Verbena Hybrida Compacta)—Of exceedingly dwarf, compact growth, 6 inches in height, and spread so as to form a mass of circular bushes about 3 feet in diameter. Mixed colors. Pkt 10c.

Vincia (Periwinkle, or Creeping Myrtle) leaves. Pkt. 10c.

Alba—White flowering. Pkt 10c.

Viola (Single Violet), Odorata Semperflorens (Single Ever Flowering Violet)—The “Sweet English Violet,” a favorite plant, prized for its long continued bloom and delicate color, 6 inches high. Pkt 5c.

Virginian Stock

Hardy, low-growing, profuse flowering annuals, for beds, hedges, small beds, or pot culture. Pkt 10c.

Viscaria

Hybrida—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors. Pkt 6c.

Waitzia

Grandiflora—Half-hardy, ever lasting annuals, 6 inches high, large yellow flowers. Pkt 10c.

Wallflower

The flowers of the Wallflower are deliciously fragrant and greatly prized; the large, massy, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive; bhp.

**Double Branching**

Pkt. 10c.

**Harbinger—Rich blood red,** 1 ft. Pkt 10c.

**Single-Mixed.** Pkt 10c.

**Single Annual Wallflower—** This variety will flower throughout the summer and fall, from the end of May until the first frost in August. Pkt 10c.

Whitlavia

Grandiflora—Mixed, free flowering, hardy annuals, 18 in. high, bell shaped flowers, of intense, vivid blue and white. Pkt 5c.
ZINNIA
(Youth and Old Age)
The Double Zinnia, from a large, beauti-
fully formed and exce-
ceedingly handsome. Few plants in the
flower border are more effective and seri-
cely any flower, when cut, is more
suitable for table bouquets. Being of
taller robust habit, it requires but moder-
ately rich soil; the
seed may be sown in the
open ground or in
heat, according to the
time it is desired to
flower; half hardy
annual. See also Col-
lection Double Zin-
nias, 6 varieties, page 42.

800. DOUBLE, Curl-
led and Curled
—A new and beauti-
ful strain of this
popular plant, with
large double flower
of a deep form, the
petals being twisted
curled and creased
into the most fan-
tastic and graceful
forms. The colors
comprise all the
shades characteris-
tic of the Zinnia.
Pkt 10c., 3 pkts 25c.

Zinnias, Elegans, Double Large Flowering

801. Elegans Mixed—Large flowering mixture of
many colors, finest
strain in cultivation. Pkt 10c.
802. Scarlet—Double, fiery scarlet flowers. Pkt 5c.
803. White—Pkt 5c.
804. Sulphur Yellow—Golden yellow flowers, large
perfect shape. Pkt 5c.
805. Pompone or Cardini Nana ft. pl.—Dwarf, double, distinct; long
cone shape, beautiful; flowers perfect in shape, the colors of which are
exceedingly bright and showy; mixed. Pkt 5c.
806. Haageana ft. pl.—1 foot, double flowers, mixed. Pkt 5c.
807. Zebra Zinnias—The flowers of this selection are perfect in shape,
of all colors and are beautifully striped, spotted and blotted with
different shades. Plants symmetrical and compact, about 2 feet high,
mixed colors. Pkt 10c.

ZEA
(Ornamental Mains)
Compact in habit, very long and drooping leaves, elegantly striped; a
very effective plant, especially in groups and masses.
808. Japonica Variegata—Per pkt 15c.

Imported Japanese Fern Ball

821. Anamum—Double white. Pkt 5c.
822. Imperiale—Double dark violet purple. Pkt 10c.
823. Superbissimium ft. pl.—Distinct double. Pkt 10c.

WIGANDIA
Grand and magnificent plant, with
stupendous leaves richly valued, and
stems covered with crimson hair. Of
rapid growth and saleable cut, this
forms one of the finest objects among
ornamental foliage plants to import
a tropical aspect to a garden or con-
servatory decoration; hi. p.
824. Carcassana—Pkt 10c.

Special Mixtures of Flower Seeds

Many persons derive pleasure from watching the growth of a varied
bed of flowers, entirely out of the usual trim garden style, while others
desire the much more exotic than their means will permit. To both
of these the following mixtures will appeal.

811. Flowers for Bouquets
Chapter Pkt
815. Low-Growing Annuals
Chapter Pkt
816. Tali-Growing Annuals
Chapter Pkt
817. Fragrant Annuals
Chapter Pkt
818. Smoke of the Gods
Chapter Pkt
819. Mixtures of Climbers
Chapter Pkt
820. Mixtures of Evening Bloomers
Chapter Pkt
821. Everlasting and Ornamental Grasses
Chapter Pkt
822. Biennials and Perennials
Chapter Pkt
823. WILD-FLOWER GARDEN MIXTURE—These mixed flower seeds
embrace many of the handsomest annuals as well as the most
effective and attractive sorts of grasses. They are a valuable
addition to any border or flower border, and if properly cared for and kept
free from weeds, can be made to produce a continual display of
flowers from early spring to late fall.

Surprise Flower Seed Collections

That we may fill orders promptly in our busy season we put up nearly
all our flower seeds in packages of one ounce, which arrive
in our garden, which offers leaves, flowers that are perfect in shape, the colors of which are
exceedingly bright and showy; mixed. Pkt 5c.
806. Haageana ft. pl.—1 foot, double flowers, mixed. Pkt 5c.
807. Zebra Zinnias—The flowers of this selection are perfect in shape,
of all colors and are beautifully striped, spotted and blotted with
different shades. Plants symmetrical and compact, about 2 feet high,
mixed colors. Pkt 10c.

Imported Japanese Fern Ball

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Imported Japanese Fern Ball

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822. Imperiale—Double dark violet purple. Pkt 10c.
823. Superbissimium ft. pl.—Distinct double. Pkt 10c.
TUBEROUS ROOTED BEGONIAS

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled with their many varied colors of white, yellow, pink, scarlet, and red—giant wax-like flowers measuring from three to six inches across. The double flowering sorts resemble beautiful roses. I plant out in May, a foot or so apart, one inch deep, and well watered at all times. Take up on the approach of cold weather. For growing in pots, start at any time after January.

**Giant Single Varieties**—Separate colors, White, Scarlet, Pink and Yellow. Each 10c, per dozen $1.00, four bulbs of each color, for $2.50. 25 for $1.50, 100 for $5.50.

**Giant Single Mixed**—Each 10c, 4 for 50c, per dozen 75c, 25 for $1.35, per 100 $5.00.

**Giant Double Varieties**—Separate colors, White, Rose, Scarlet and Yellow. Each 20c, 3 for 50c, doz. $1.75, 25 for $3.00, 100 for $11.00.

**Giant Double Mixed**—Each 15c, 5 for 65c, per dozen $1.50, 25 for $2.75, 100 for $10.00.

**Special Offer**—One bulb each color of Single White, Red, Pink and Yellow for 90c. One bulb each color of Double White, Rose, Scarlet and Yellow for 60c.

**Tuberous-Rooted Begonia, Duke Zeppelin**

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other Tuberous-Rooted Begonias, that they bloom in summer. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numerous stems bearing full, double dazzling-scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. A bed containing about 60 plants of this variety, for gorgeous effect, eclipsed anything we ever saw. Strong bulb 25c each, 2$5.00 per doz.

**APIOS TUBEROSA**

Its clusters of rich, deep purple flowers have a strong delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each 6c, doz. 50c.

**CYCLOBOTHRA FLAVA**

The habit of plant and bloom is similar to Reseda; the color is clear, golden yellow, with intense black spot on each petal. Each 10c, 3 for 25c, 50c per doz.

**CHILADANUS FRAGRANS**

The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each 10c, 75c per doz.

**CINNAMON VINE**

(Discorea Batatas)

A rapid-growing climber, taking its name from the peculiar fragrant white blossoms. The leaves are heart-shaped, bright, glossy green; growth is very rapid, reaching about eight feet in height; quite hardy. Good roots 5c each, 6 for 25c, 50c per dozen.

**AMARYLLIS**

*Formosissima* (Jacobean Lily)

Flowers of a deep velvety crimson color, and formed in clusters at the tip of each stem. Each 75c, 6 for $1.00.

**Equestris**

The flowers have a very spreading graceful petal of bright salmon pink, with a distinct white blotch at the base of the petals. Each 25c, 4 for 90c.

**Treatea** (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be set in a sandy soil and five or six can be planted in a flower pot. Each 5c, doz. 50c.

**Vittata Hybrid**—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each 50c, doz. $5.00.

**Johnsonii** (Sino Scenall)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habit are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers, averaging four to six inches across, of a bright rich red color, with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. 25c each; extra large bulbs 50c each, 2 for 90c.

**CRINUMS**

**Kirkii**—The grandest variety of this group. The flowers are fragrant, petals broad and white, with deep purple reddish stripe through centre. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. Extra large bulbs, each 50c, medium sized bulbs 25c each.

**Crinum Americanum**—The flowers are pure white, waxy-like and fragrant, and are produced in great profusion. Strong flowering bulbs, each 25c, 3 for 50c.

**Crinum Capense**—Rose-scented, one of the finest Crinums; hardest with slight protection, producing many flower stalks 24 to 4 feet high, crowded with 10 to 15 blooms. Each 30c, 3 for 75c.

**Special Offer**—One of each of the three varieties 90c; postpaid.
Large Flowering CANNAS

The Most Desirable Bedding Plant for the Canadian Garden

As in previous seasons, we have again very carefully revised our list of Cannas, discarding those that have shown any weak points or that have been superseded by newer and improved sorts, and we do not hesitate to say that every Canna offered possesses points of merit that make its retention desirable, and our customers cannot go wrong in one of the sorts offered.

The Finest Canna offered for 1901

MRS. KATE GRAY (Italian)—The largest-flowered canna ever introduced; the result of crossing canna Italia and Mme. Crozy. Flower is immense—larger than Austria or Italia,—being round and full, of a clear wine color, beautifully suffused with gold. Notwithstanding their size, the flowers have a great deal of substance, and are very showy and effective. It is a very free bloomer, and bears a large number of flowers on each spike. Besides the extraordinary size of the flowers, it is a very strong grower, and would be valuable on account of its beautiful and luxuriant foliage alone, which is tropical in its luxuriance, much resembling the Abyssinian Banana. 30c each, 2 for 50c.

Admiral Avellan—On account of its clean, uniform growth, attaining a height of about 5 feet, each plant will be the counterpart of its neighbor, thereby producing a most desirable effect when used in masses. The flowers are of good size, of a peculiar shade of scarlet, overlaid with salmon, giving a rich luminous effect.

Allemania (Italian)—Exceptionally large flowers, frequently measuring 6½ inches across, the upper petals salmon with broad border and markings of golden yellow, while the lower petals are dark salmon marked with yellow in the center; foliage dark green.

Alphonse Bouvier—In color it is the most intensely brilliant crimson yet introduced, and is undoubtedly one of the best bedding varieties.

Austria (Italian)—Pure canary yellow; fine large open flowers, with but few traces of reddish brown dots in the centre of the two inside petals.

Burbank—The flowers are truly gigantic in size, the three upper petals spreading fully 7 inches, and the form is really semi-double; toward the inner part the lower petals show fine crimson spots; all the rest of the flower is of a most beautiful rich canary yellow.

Chicago—Expert judges pronounce this the best of all the red varieties; 5 ft. boldly erect. The large flowers open out nearly flat, petals 1½ inches wide and five in number. The color is a clear, deep, vermillion, smooth and without markings, except a purplish gloss. It comes into flower when quite small and continues to flower all summer. Flower stalks never look ragged.

Charles Henderson—The flowers are deep rich crimson, borne in compact symmetrical heads, above a rich green foliage. The habit of the plant is dwarf—about 3½ feet high.

Egandale—(Medall); 4 feet; considered by experts the best in this class. Red foliage, strong, compact flower spikes, color currant red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen farthest.

Florence Vaughan—The flowers of this splendid sort are of the most perfect form, the petals are even broader than those of the Madame Crozy and more rounded at the ends, and are well opened and of the most brilliant golden yellow, dotted with bright scarlet.

Gigantea—This gigantic dark foliaged Canna has been grown to the height of 8 feet 11 inches, with bright orange-scarlet flowers of good size; the foliage is simply superb. It comes into bloom very early, and blooms continuously.

Golden Seepre—After six years crossing, a pure golden yellow Canna, without spots, has been produced that does not bleach in the sun like other yellow Cannas; flower stalk branching, from three to six having, by actual count, produced two hundred flowers to a stem. Color golden yellow, without spots, lower petals very broad, height 4½ feet, foliage bright green.

Italia (Italian)—Is of a bright orange-scarlet, with a very broad golden-yellow border; the flowers, which are produced on massive stems about sixteen inches long, are set well above the foliage; the foliage is large and heavy, similar to that of the Musa Ensete.

Madame Crozy—The flowers are of the largest size, of a dazzling crimson scarlet, bordered with golden yellow. The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich, cheerful green, and very massive.

President McKinley—3 feet. Green foliage. Flowers brilliant crimson with bright scarlet shading. Trusses large, compact, of good shape and held well above the foliage, and are produced freely and evenly. Plant blooms freely, is a compact, even grower. It is one of the earliest bloomers, coming into flower when 18 to 20 inches high, blooming continuously thereafter. The effect when massed is extremely brilliant.

Queen Charlotte—The enormous flower spikes, tower grandly above the foliage, bear a beautiful bouquet of large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with a bright canary yellow.

Souvenir d’Antoine Crozy—The richest gilt-edged variety yet introduced; the flowers are large, with well-rounded petals, which are of intense scarlet crimson, rich and dazzling, and are bordered with a broad, rich golden-yellow band, 3½ feet high.

STRONG PLANTS—Each 15c postpaid; by express at purchaser’s expense, per doz $1.40.

For the Amateur. Dry Roots are difficult to start, so we offer plants.
DAHLIAS...

The Dahlia is the grandest Autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about 3 inches. If many shoots start thin out, take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are full distinct classes viz.—Tall Double, Dwarf Double, Cactus and Single. All are grand, and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. Prices below include postage.

Cactus Dahlia—Clifford W. Bruton

Two Fine New Dahlias for 1901

LADY ROBERTS (Cactus)—This exquisite new variety is now offered for the first time, and we believe it to be the neatest White Cactus Dahlia yet introduced. The flowers which are of the purest color are very large and perfectly full to the centre. They are borne on long stems which excellently adapt them for cutting. It is also very free blooming and every flower comes perfect. 25c each.

LORD ROBERTS (Standard)—Another grand new Dahlia of the standard type. The flowers which are borne on long stiff stems are of a most fascinating shade which might be described as white at the base of the petals, gently shading to a pure mauve, the whole effect being simply exquisite. This variety is also very free flowering and the individual blooms are very large and very full to the centre. 25c each.

SPECIAL OFFER—One each of the two new Dahlias Lord Roberts and Lady Roberts 45c postpaid.

CACTUS DAHLIAS

The following varieties were selected while in flower especially for our sales. They are amongst the finest show varieties grown, each distinct in appearance, and the colors are such as cannot fail to please.

Black Prince, New—Velvety maroon, almost black.

Cactus Queen—Rich rosy red, very decided color.

Clifford W. Bruton—Large size and always full to the centre; color is of the purest yellow.

Fern Leaved Beauty—Palest finely cut like a Fern. Color creamy white, heavily bordered with dark crimson.

Henry Patrick—Pure white, free.

Iridescent, New—Bright orange, overlaid with red, suffused and margined white.

King of Cacti—Ruddy crimson shade, large bold petals.

Mrs. Peart—Very fine. The flowers are of medium size, the purest white, with a slight tinge of lemon in the centre when it first opens.

Nymphella (The Pink Water Lily Dahlia) —Flowers of large size, with heavy, broad petals, centre cupped or incurved; shrimp pink, shading slightly darker.

Oban, New—Rose lavender, overlaid with silver fawn.

Wm. Agnew—The richest shade of intense dazzling red.

William Pearce—Bright yellow, perfect.

15c each; any 4, 50c; per doz $1.40.

TALL DOUBLE DAHLIAS

Beauty—Large, pure white, extra fine.

Charles Lidgard—Deep yellow, edged with red.

Duchess of Cambridge, New—White suffused pink.

Empress of India—Large, white, tipped with purplish lilac.

Florence Stark—White, striped with purple; best of its color.

General Gordon—Yellow, beautifully striped with deep scarlet.

Gift Edge, New—Pure white, marbled deep gold.

"Greater Britain"—The flowers are large, 5 to 6 inches in diameter, and perfectly full to the centre. The color is a pure rich yellow, petals tipped with delicate pink.

Hector—Large, cherry red, finest form.

Jezebel—Dark rich maroon, tipped white.

A. D. Lavoni, New—Beautiful soft pink.

Mantas La Villa—Very deep rose.

Miss Browning—Clear yellow, tipped with white.

Miss Marsh—White, deeply edged with rose purple.

Modesty—Blush, light centre, large, always perfect.

Mrs. Hodgson—Yellow edged crimson.

Orange King, New—Orange scarlet.

Oracle—Pure yellow.

Penelope—White frilled lavender.

Prince Bismarck—Bright purple.

Perfect Valiant—Beautiful rich cardinal red.

Queen Victoria—Yellow, edged, deep rose.

Rossland—Light yellow.

Ruby Queen, New—Clear ruby red, richly shaded.

Triomph de Face—Dark maroon, good form.

PRICE—15c each; any 4, 50c; doz $1.40.

DWARF DOUBLE BOUQUET DAHLIAS

So-called from their compact and dwarf habit of growth: flowers smaller than those of the Tall Dahlias, but perfect and very double.

Crinum Beauty—Vivid Crimson.

Dandy—Bright crimson purple.

Edith Connor, New—Rose red, shading to rosy pink.

Eleganta—Soft pink, tipped deep pink.

Golden Jewel—Very small, pure yellow.

Little Hugo—Dark maroon, very double, one of the best.

Snowclad, New—Best white, very free flowering.

Snowflake—Pure white.

PRICE—15c each; any 4, 50c; per doz $1.40.

Single Dahlias

Titan—Fern Leaf, orange.

John Cowan—Crimson shaded maroon.

Kate—Intense orange-scarlet maroon.

Mrs. L. C. Bassett—Maroon, striped.

Novelty—Purple spotted white.

Kapperfeller—Orange and purple.

PRICE—15c each; 4 for 50c.

Single Dahlia

$1.40 per doz. the set of 6 varieties for 70c.

Mixed Dahlias

We have a large stock of Mixed Dahlias. Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for 10c each; 5 for 25c; 75c per doz. $5.00 per hundred.
GLADIOLUS

LARGE FLOWERING, BRILLIANT COLORS

STRICTLY FIRST SIZE BULBS.

No Flower Garden is complete without a Bed of Gladiolus.

There is nothing to compare with the Gladiolus as a garden flower, thriving as they do, under the most adverse conditions, and giving out a bountiful supply of handsome blooms which cannot be surpassed for their brilliancy and varied colors. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction.

A Select List of NAMED GLADIOLUS

Martha Washington—Light yellow, of large size, in a well arranged spike, lower petals tinged with rose.
Octoiron—Very fine, Salmon pink.
Admiral Pierre—Brilliant red, maroon centre.
Shakespeare—White, suffused carmine rose, large rose blotch.
La Bien Aimée—White and red.
May—White ground, slightly striped crimson.
Lamarck—Cherry, white throat.
General Sherman—Large fine scarlet. Each 10c, doz 90c.
Emma Thursby—White ground, carmine stripes through petals, blotch on the lower divisions. Each 10c, doz 90c.
Blondin—Yellow and buff. Each 10c, doz 90c.
Gerarda—Pink.
President Lincoln—Blush white ground, suffused with bright rose.
Lord Byron—Brilliant scarlet, blotched pure white.
General Gordon—Beautiful distinct red.
Queen Victoria—Buff, maroon centre.
Isaac Buchanan—Yellow.
Snow White—Grand spike of Snow White flowers, a magnificent variety. Each 15c, $1.75 per doz.

Any of the above (except where noted), 6c each, 60c doz, postpaid.

Giant or Childsi Gladiolus

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among gladiolus is represented, and many never before seen, particularly blues, smoke-grays and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson pink, yellow. Price, each 10c, 3 for 25c, 12 for 75c, postpaid. 25 for $1.25, 100 for $4.00, at purchasers expense.

OUR GENERAL MIXTURES

Simmers' Extra Fine Mixed...
5c
10c
25c
100c
1.75

 Popular Cheap Mixture...
0 05
0 12
0 20
0 55
1 25

 Mixed Lemoine's Seedlings...
0 05
0 25
0 75
2 00

GLADIOLUS IN COLORS—All Large Flowering Bulbs

Our mixed gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend on having a large and magnificent variety of colors.

White and Light Varieties, Mixed...
0 05
0 50
0 60
$ 1.25

Striped and Variegated, Mixed...
0 05
0 50
0 60
2 25

Pink Varieties, Mixed...
0 05
0 40
0 75
2 00

Red and Scarlet Varieties, Mixed...
0 05
0 50
1 00
3 50

Yellow and Orange Varieties, Mixed...

Remember all are postpaid at prices quoted except 100 lots. The 100 rate does not include carriage.
Lilies

Lilium Rubellum—Compact habit, leaves short, narrow, and of a deep pink color, while the flowers are delicately fragrant, and 1 1/2 in. in diameter; blooms early, producing beautiful pink color, varying in shade, of easy culture. Each $5.00, dozen $25.00.

Roseum (Speciosum)—White, shaded and spotted with rose. Each 10c, dozen $1.00.

Melpomene (Speciosum)—A valuable addition to this class. Each petal is completely covered with blood-red, except a clear, frosty white border; the petals are of a black rim-on. Extremely handsome and perfectly hardy. Each 15c, per dozen $1.50.

Longiflorum—A variety bearing in clusters beautiful snow-white, trumpet-shaped flowers of rare fragrance; almost exactly like Lilium Harrisii in shape, but blooms later, extending the season of that beautiful kind. Each 15c, per dozen $1.50.

Brownii—Magnificent variety with large flowers, pure white inside, purple tints outside, stamens of a rich chocolate color, one and a half to two feet high, blooms in June. Each 40c.

Chalecedonicum—Bright scarlet recurved flowers, blooms in June, 3 ft. Each 80c.

Martagon—Purple-red, spotted with dark purple, prolific bloomer, 2 to 3 ft. high, blooms in midsummer. Each 15c, per dozen $1.50.

Tenuifolium (Coral Lily of Siberia)—Flowers vivid scarlet, with petals reflexed; very shawy and free flowering, blooming very early. Each 25c, 5 for $1.00, 12 for $2.00.

Excelsum—This stately and beautiful variety grows from 5 to 8 ft. in height, and bears from 6 to 12 large, nodding flowers, of a delicate buff color. Each 50c, 3 for $1.50.

Tigrinum—Spotted Tiger Lily. Each 15c, per dozen $1.50.

Tigrinum fl. pl.—Spotted Tiger Lily, with double flowers. Each 10c, 4 for 50c.

Candidum—The pure white garden Lily; flowers white, with heavy yellow stamens; hardy and free-blooming, bearing 6 to 8 blooms. Plant early and leave them undisturbed. Each 10c, 4 for 50c, per dozen $1.00.

Orange Lily (Bulbocodium Aurantiacum)—Each 15c, per dozen $1.25.

The Three Queens

No Flower Garden Is Complete Without These Three Grand Lilies

AURATUM (Gold Banded)

Justly famous as the most beautiful and fragrant of all Lilies (selling at $3.00 per bulb when first discovered in Japan); flowers white, dotted crimson with a clear, golden band running through the centre of each petal. Good bulbs will produce from 10 to 25 fine blooms, 7 to 12 inches across, on a stalk 3 to 4 ft. high. It is hardy, but unlike Rubrum, newly imported bulbs should be planted every two or three years. The splendid flowers produced and the present very low price of the fine, large bulbs, justify annual planting.

First Size Bulbs. Each 15c, 4 for 50c, dozen $1.50
Extra Large Bulbs. 25c, 4 for 75c, 15c, 4 for $1.00
Mammoth Size Bulbs. 40c, 4 for $1.00

ALBUM (Speciosum)

Pure white, with beautiful recurved petals; very fragrant. This, with Rubrum and Melpomene, belongs to the "Speciosum Section," which are distinct, graceful and free-blooming. They are hardy, needing very little protection; will grow and flower without any special treatment; by far the best for general cultivation.

First Size Bulbs. Each 20c, 3 for 50c, dozen $2.00
Extra Large Bulbs. Each 25c, 3 for 65c, dozen $2.50
Mammoth Size Bulbs. Each 33c, 3 for $1.00, dozen $4.50.

RUBRUM (Speciosum)

This is as easily grown as and as reliable as a Gladiolus or Dahlia bulb, probably giving the most satisfaction of any Lily. The magnificent flowers are white, with a deep rose or crimson band on each petal, with deeper color spots between. They are 5 to 6 inches in diameter, very fragrant, and having the hardness of the Speciosum class. The bulbs should be planted in the ground for several years, increasing in size, as well as in size of flowers, stalk and number of blooms.

First Size Bulbs. Each 15c, 4 for 50c, dozen $1.50
Extra Large Bulbs. Each 25c, 4 for 75c, 15c, 4 for $1.00
Mammoth Size Bulbs. Each 33c, 3 for $1.00.

SPECIAL OFFER

One first size bulb each of the three grand sorts postpaid, 40c extra size. mammoth " " " " .85c.

Lily Collections

To make these beautiful flowers more popular we offer the following very cheap:

Popular collection of 10 Separate Varieties for $1.25, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene—Longiflorum, Martagon, Tigrinum, Tigrinum fl. pl., Tenuifolium.

Popular collection of 5 Separate Varieties for 75c, postpaid.

ONE BULB EACH—Auratum, Roseum, Rubrum, Album, Melpomene.

Gloxinias

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear.

Our mixtures include flowers of lovely form and hue, comprising all shades of color. For those who do not care about special color, they will be found very desirable, as only fine varieties have been kept, poor and dull colors being discarded.

Our Finest Mixed Bulbs Each 15c, 4 for 50c, dozen $1.60.
CALADIAM ESCULENTUM
(Or Elephant's Ears)
One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet h. gh., with immense leaves, often measuring 4 feet in length by 2 feet in breadth. Price—Per 1st size root, each 25c; per 2nd size 15c, doz $1.50; small size 10c each; $1.00 doz.

WHITE CALLA (Lily of the Nile)
Pure white, splendid bloomer. Each 15c, 4 for 50c.

YELLOW CALLA
(Richardia Hastata)
Everyone is familiar with the well-known White Calla Lily. This fine variety we now offer is identical with this in every respect, except the color which is pure yellow, so that the great value of this grand novelty can be readily appreciated by all. Genuine imported stock. Each $1.00.

BLACK CALLA LILY
(Arum Sanguineum, Solomon's Lily)
The large wavy leaves, which are of a rich green color, veined, light green, resemble those of Calla Ethiopica. The flower is about 4 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike, arising above branches from the center of the flower, is self-like and quite black. Price—Extra large roots, en 20c; 3 for 50c.

GIANT CYCLAMEN
Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with various shades of green, gray and white.

Giant Rose—25c each, per doz $2.50.
Giant White—25c each, per doz $2.50.
Giant Red—25c each, per doz $2.50.
Giant Mixed—20c each, per doz $2.00.

apo (Fancy Leaved Varieties)
most beautiful class of plants with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown, and from the 1st of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not to dry. Our collection consists of thirty fine varieties. Each 25c, 4 for $1.00, per doz $3.00.

Madeira Vine

MONTBRETIA CROCOSMÆFLORA
Showy flowers on spikes 12 to 24 inches long; bright orange, dotted purple. Each 5c, 3 for 10c, doz 30c.

SUMMER FLOWERING CXLALIS
Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor—White margined vermilion. Each 5c, 3 for 10c, doz 30c, $2.00 per 100.
Diastatis—Rosy white. Each 5c, 3 for 10c, doz 30c, $2.00 per 100.

Montbretia Crocosmiaflora
J. A. SIMMERS, TORONTO—SUMMER FLOWERING BULBS.

EXCELSIOR DOUBLE TUBEROSE

(EXCELLENT-SCENTED FLOWER THAT BLOOMS)

This pure white, perfectly double, delightfully fragrant flower, invaluable for bonsai, is too well known to need a description. The growing plant is fond of light and heat, and must have full sunlight when bolted and plenty of water when it begins to grow freely, but not too much water when first planted, and should not be planted outside before May 1st. This variety grows only 24 inches, about half the height of the double sort, and the flowers are not twice the size, even two inches in diameter, and imbricated like a Camellia; deliciously fragrant. (See cut.)

Each 5¢, 6 for 25¢, per doz 40¢, 100 $2.25.

SPECIAL OFFER

1 Large Flowering Single Tuberose-Rooted Begonia.
1 Amaryllis—Formosissima.
1 Cinnamon Vine.
1 Giant-Flowered Gloxinia.

The above FOUR grand Bulbs mailed post-paid for only 50¢.

ZAMIA INTEGRIFOLIA

When in full leaf this noble plant presents a highly tropical appearance, only rivaled by the high priced Sago Palm, which it resembles in appearance. The foliage is very lasting, remaining on the plants for years, and enduring the heated air of rooms with impunity. Start the dry roots in a sandy soil in a warm place.

Dry Roots, each 50¢.

ZEPHYRANTHES

The Zephyr flowers or "Fairy Lilies," are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5¢, doz 50¢.
Rosea—Beautiful, clear rose pink. Each 5¢, doz 50¢.

$1 Spring Bulb Collection

Contains 25 summer Flowering Bulbs, which we will send free by mail or express for only ONE DOLLAR:—3 Amaryllis; 2 Lilies; 1 Mixed Gladioli; 1 Lilium Longiflorum; 1 Foxglove; 1 Cyclamen; 1 Pearl Turbocas; 1 Amaryllis Reata; 1 Tigridia; 1 Spider Lily; 1 Double Dahlia; 2 Cinnamon Vine; 1 Caladium (Elephant’s Ear); 1 Datura; 2 Tuberous Begonia. This collection will furnish flowers from early spring until late in the fall, and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

THE RESURRECTION PLANT

(Or Rose of Jericho)

Imagine a bunch of withered-looking, curled-up shoots, brown, stiff and apparently dead, resembling 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 patch of bright green moss. Each 15¢, 3 for 25¢.

WATER LILIES (Nymphaeas)

Red Water Lily (N. Devoniensis) 75
Blue Water Lily (N. Zanzibaricensis Azures) 75
Pink Water Lily (N. O. Rosea) 75
Giant Water Lily (N. Odorata Gigantea) 3 for 65c,
White Water Lily (N. Odorata) 25
Parrot’s Feather (Myriophillum) 25

SPECIAL OFFER—We will send post-paid one each of the above Water Lilies for $2.50.

50c. Spring Bulb Collection

Contains 15 splendid Summer Flowering Bulbs which we will send free by mail or express for only 50c:—1 Double Dahlia; 2 Gladioli; 1 Cinnamon Vine; 2 Tuberous; 3 Amaryllis; 1 Hyacinth Candicans; 1 Amaryllis; 1 Tiger; 30 cents. All the above Bulbs are fully described, and most of them illustrate in the Bulb Department of this catalogue. Compare the Retail Prices.

TIGRIDIAS

(Or Peacock Tiger Flower, or Mexican Shell Flower)

Extremely handsome summer flowering bulbs growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted, with the white of the petals.

Conchiflora (Mexican Shell Flower)—Dark yellow, large red spots. Each 50¢, per doz 425¢.

Pavonia (Peacock Tiger Flower)—Very large, bright green centre, mottled with yellow. Each 5¢, per doz 45¢.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground. A fine contrast with the white of the petals. Each 10¢, per doz 90¢.

SPECIAL OFFER—One each of the above three varieties for 15¢; or three Bulbs of each variety for 40¢.
ORNAMENTAL ASPARAGUS

SPRENGERI—A pot plant or for planting in suspended baskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their fine hues after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants 20c each, 3 for 50c.

PLUMOSUS NANA—This graceful climbing Asparagus has in a great extent taken the place of the once popular Sprengeri. It is much more graceful, its foliage being finer than that of the most delicate fern, and it will last for weeks after being cut. It is an excellent house plant succeeding under almost any conditions. 20c each, 3 for 50c.

SPECIAL OFFER—One each of the two Asparagus Ferns 25c.

Flowering Begonias

Alba Picta—The leaves are glossy green, freely spotted with bright silver white. 15c.

Argentia Cinctata—Upright grower, large, spotted white. 15c each.

Feastii—Low growing round glossy leaves, pink flower. 15c each.

Incarnata Grandiflora—Rich pink, best winter variety. 15c each.

Manicata Aurica—Large, glossy, green leaves beautifully blotched with creamy white, clear carmine markings in the matured leaves. 15c each.

Margaritae—Of the style of Metallica but a harder and better grower. 15c each.

Odorata—White, sweet-scented. 15c each.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in June. Color is a beautiful bright coral red. 15c each.

Palmata—Palm-shaped leaves, handsome. 15c each.

Paul Bruant—Light pink, glossy fine foliage—good for winter. 15c each.

Pond Lily—Glossy, roundish leaves, pink flowers, mostly in winter. 15c each.

Thurstonii—Rich pink, handsome foliage. See cut. 15c each.

Wiltonica—Best summer blooming variety—pink. 15c each.

SPECIAL OFFER—Any Three Varieties for 35c, postpaid. Any Six Varieties for 65c, postpaid.

Rex Begonias

Ornamental Leaved Varieties

Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 29 varieties, embraces all the good old varieties, as well as the best of recent introduction. (See cut.) 25c each, 3 for 50c.

Bougainvillea Sanderiana

This beautiful free-flowering variety on account of its free blooming qualities has become very popular, especially as a plant for Easter decorations. It is of strong and rapid growth, and the brilliant rosy crimson blossoms are produced almost the whole year. (See cut.) 25c each.

CARNATIONS

Daybreak—A very delicate shade of pink.

Flora Hill—One of the finest whites, large and free flowering.

J. J. Harrison—White, lightly marked with delicate pink, flowers large and perfect.

Lizzie McGowan—An elegant white variety, large, full and very attractive.

Mrs. Geo. M. Bradt—Large white, striped with red.

Ontario—Large bold flower, strong stem, pure white.

Portia—Finest rich scarlet.

Triumph—Pure pink without a trace of purple; very large with long, stiff stems.

White Cloud—Fine large white.

Winter Cheer—Bright scarlet.

W. F. Dresler—Rosy pink, fringed.

Wm. Scott—Bright, yet delicate rosy pink; full and of good shape.

Any of the above 10c each, 12 for $1.00.
**Chrysanthemums**

**STANDARD VARIETIES**

Our list of Chrysanthemums is composed exclusively of varieties standing at the head of their type and color.

- **C. Chaifant**—Fine early large yellow.
- **Chas. Davis**—Light yellow, suffused rich apricot.
- **Christmas Gift**—Very late bronze yellow, incurved, fine.
- **Evangeline**—Pure white, very large.
- **Frank Hardy**—Pure white, called the White Good Gracious, incurved petals.
- **Glory of Pacific**—Large, early pink, broad petals.
- **Golden Wedding**—Undoubtedly the grandest golden yellow variety.
- **Good Gracious**—Delicate shade of peach pink.
- **Ivory**—Pure white, a splendid free-flowering variety.
- **John Shrimpton**—Bright, velvety, crimson scarlet.
- **King of Ostrich Plumes**—Yellow and orange, feathery petals.
- **L. Boehmer**—Silvery pink and deep rose, ostrich plume type.
- **Major Bonnafoin**—Soft clear yellow, incurved.
- **Mayflower**—Large, incurved, white.
- **Modesty**—Intense yellow, incurved.
- **Mrs. H. Weeks**—White, broad incurved petals.
- **Mrs. Perrin**—True pink, incurved.
- **Mrs. C. H. Pierce**—Soft deep yellow, large flower, straight petals curved at the tip.
- **Mrs. Henry Robinson**—Large early white.

**FUCHSIAS**

- **Madame Bruant**—Best dark double Fuchsia, fine foliage.
- **Arabella**—White tube and sepals, rose corolla; early.
- **Black Prince**—Bright waxy carmine, pink corolla.

**CACTI**

- **Cereus Colbrinus**—Quick tall grower, fine white flowers, blooming at night, followed by fruit color and size of an orange. Each 15c to 25c.
- **Cereus Grandiflorus** (Night Blooming Cereus)—Large white, delicious perfume. Each 15c.
- **Echinocereus Candicans** (Rainbow Cactus)—Plant is covered with delicate spines, in color from very white to deepest red, flowers rainbow-like, colors being in circles, from magenta to white and then to bright green. Each 25c.
- **Echinocereus Coepitus**—The beautiful cactus Cactus, plant delicately covered with lace-like spines, flowers crimson purple. Each 15c.
- **Echinopsis Mulleri**—Rapid grower of globular form, flowers double of a satiny rose color. Each 15c.
- **Epiphyllum Russellianum** (Crab Cactus)—Beautiful drouching habit, bearing its fine crimson flowers, at the end of every leaf. Each 15c.
- **Opuntia Vulcana** (Trickly Prick Cactus)—Branches flat and round on the edge of which are borne its rich golden yellow flowers. Each 15c.
- **Opuntia Frutescens**—Rapid grower, slender upright stems, heavily spined, blooms profusely followed by red fruit. Each 15c.
- **Opuntia Microdasya**—The branches are beautifully spotted with tufts of golden yellow. Flowers numerous and bright golden yellow. Price 15c.
- **Phylcactus Ackermani** (The King Cactus)—A very profuse bloomer of the flat leaved variety. Flowers satiny scarlet, about the size of a large cup, and lasting several days. Price 15c.
- **Phylcactus Anguilliger**—The heavy fleshy leaves deeply notched on the edges. The flowers are magnificent, pure white and last some time. A rare cactus seldom found in collections. Price 15c.
- **Stapelia Variegata**—A good plant for a hanging basket, will hang down a foot on all sides and grows quickly. It is easily manured and bearing a very odd, beautiful star-shaped flower of a leatherly texture. Color buff yellow and maroon markings. Price 15c.

**Surplus Collection**

The Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than $2.00 at catalogue prices and pay postage; if ordered by express we can send many more plants and of larger size; but they are always of our selection.

**Book entitled "Hints on Cacti."
Price 20 cents.**
GERANIUMS

DOUBLE AND SEMI-DOUBLE GERANIUMS

Adrienne Corret—Light rosy red, shaded magenta, fine bedder.
Beau de Poittein—Very large, semi-double, brilliant salmon.
Emile Girardin—Bright pink, best of its color.
J. J. Harrison—Most brilliant scarlet flowers of immense size.
La Favorite—The trusses are very large, flowers beautifully formed, of
the purest white.
Madame Jaulin—Salmon and white, very fine.
S. A. Nutt—The best rich dark crimson variety. A fine bedder.
J. B. Varonne—Reddish pink, shaded white.
W. P. Simmons—Light red, large.
Theodorite—Blush white, extra long truss.
M. Machet—Very bright scarlet, large.

Any of the above 10c each, 3 for 25c, per doz $1.00.

SINGLE GERANIUMS

Lady Reo—Light salmon, best of its color.
L'Aube—Immiscible pure white.
Mad. Bruant—White, veined and edged purplish pink, good bedder.
Mrs. J. M. Guarr—The finest of the single white bedders. Semi-dwarf.
De Lessups—Vine, large scarlet.
Theodore Theulier—Dark scarlet.
Camille Bornardin—Blush white, tinted rose.
Sam Sloane—Dark scarlet, "The Scarlet Bedder."
Wm. Jacoby—Rich deep crimson.

Any of the above 10c each, 3 for 25c, per doz $1.00.

SILVER-LEAVED GERANIUM

Mad. Salloro—A very compact variety of Silver Geranium; very fine
for massing or bordering; a thrifty, healthy grower, rarely reaching a
height of more than 6 inches; leaves very small, of a peculiar clear
green, edged with pure white.

Assorted Varieties Silver-Leaved Geraniums—10c each, 3 for 25c,
$1.00 per doz.

SCENTED GERANIUMS

Rose, Lemon and Nutmeg scented.
Each 15c, one each of the three 40c.

IVY GERANIUMS

The double Ivy Geraniums are remarkably popular at present and de-
servedly, for the new Hybrids in richness of color surpass all Geraniums.

Beauty of Castilehill—Beautiful soft red, extra large.
Berthollet—Magenta.
Joanna d'Arc—Fine habit, the
best double white.
Rol de Wurtemberg—Scarlet.
Sov. de Chas. Turner—Flowers
of a deep pink shade,
feathered maroon in upper
petals.
Theodore—Dark red.
Any of the above 15c each.
2 for 25c, 6 for 65c.

Coles

Our list includes the best varieties that are grown, plants strong and well-grown, sure to give best satis-
faction. We will give special prices for large quanti-
ties for bedding.

Price—Each 10c, 8 for 50c, per doz 90c, per 100 $5.

Hydrangeas Fine Plants

The Hydrangeas are well-
known favorite, grown as pot
plants, their immense heads of
bloom make them very com-
pelusive. A little shade and
plenty of water meet all their
needs.

Hydrangea Paniculata —
See Hardy Shrubs, page 85.
Otaksa—A Japanese variety
lately introduced; beautiful
large glossy foliage, large
heads of pink flowers. 20c
each, 3 for 50c.

Otaksa Monstrosa—Intense
rose, shaded white; borne in
large clusters; quite small
plants bearing blooms of the
most enormous size, and which
are very lasting in quality. 20c
each, 3 for 50c.

Thos. Hogg—Large pure white flowers,
which, as well-grown plants, measure
more than twelve inches in diameter.
20c each, 3 for 50c.

Hortensia Nigra—Rich pink, very large
and fine, dark stems. 20c ea, 3 for 50c.

HELIOTROPES

Heliotropes are great favorites, prin-
cipally on account of their delicious frag-
rance; they grow freely under glass and
may be planted in the the open border
during the summer. 10c each, 3 for 25c,
doz $1.00.
MANETTIA VINE
A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is exquisite in the extreme, being a flame color tipped with bright yellow. 15c each, 3 for 25c.

GREVILLEA ROBUSTA
A very beautiful shrubby plant with fern-like foliage and rich, golden-yellow trusses of flowers; soon forming fine plants. Plants, each 15c, 3 for 25c.

CHINESE PRIMROSES
Brightest and best of all the easily grown free-flowering window plants. The single varieties with flowers as large as a single half dollar have beautifully fringed, frilled and wavy edges, and even small plants produce a wealth of flowers. Should be grown in a cool place, a north window is suitable. Our plants are of the largest flowered class, grown from seed. Each 25c, postpaid.

SWAINSONIA GALEGIFOLIA ALBA
A most desirable ever-blooming plant, with pure white flowers produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know of nothing that will give such satisfaction as the Swainsonia. 15c each, 5 for 25c.

CYPERUS, OR UMBRELLA PLANT
A strikingly handsome plant, suitable for the house, of easy culture and sure to give you complete satisfaction. It reproduces itself from the roots, and may be subdivided. Each 15c, 5 for 25c.

PALMS
SPECIALY GROWN FOR HOUSE CULTURE.

LATANIA BORBONICA (Fan Palm)—This fine Palm is too well-known to need any extended description, its strong constitution and other grand characteristics render it one of the most popular Palms grown.

PRICE:
Fine plants—1 inch pots, 4 to 5 leaves ........................................ 50 each.
5 to 6 18 inches high ............................................................. 90
6 to 7 24 inches high ............................................................. 120
7 to 8 30 inches high ............................................................. 150
Specimen plants, 7 character leaves, 36 inches high ................... 4 60

KENTIA BELMOREANA—The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, table or conservatory it scarcely has an equal. (See cut). Price, from

3 inch .......................... 4 to 5 .... 10 to 12 inch.............. 50
4 inch .......................... 5 to 6 .... 15 to 18 inch ......... 100
5 inch .......................... 6 to 7 .... 22 to 24 inch ......... 150
6 inch .......................... 7 to 8 .... 30 to 32 inch ......... 200
7 inch .......................... 8 to 9 .... 36 to 38 inch ......... 250

ARCEA LUTESCENS
One of the most valuable and beautiful Palms in cultivation; bright, glossy green foliage and rich golden yellow stems. 50c to $3.00 each.

COCOS WEDDELLIANA
The most elegant and graceful of all the smaller Palms, as they are of slow growth and maintain their beauty for a long time. 4 to 6 inches 25c each, 8 inches high 50c each.
Hardy Roses
LOW BUDDED ON BRIAR STOCKS

The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these roses, although budded, will emit roots where the true Rose joins the Briar stock, and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is that having no soil on the roots and being dormant, they are of little weight and can be sent cheaply by post or express.

Hybrid Perpetual Roses

Alfred Colomb—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.

American Beauty—The flowers are very double, of a deep crimson color and very fragrant.

Baron de Bonstettin—Dark red, almost black; very large, double fragrant flowers; a strong grower.

Baronesse Rothschild—A magnificent rose; color rich satiny pink.

Capt. Christy—A lovely rose, blooming almost the entire season, very large double buds of deep flesh color.

Coquette de Blanches—Pure white, large and globular.

Duchess of Albany—Rich deep pink.

Fisher Holmes—Rich velvety crimson, large double; and of fine form; a splendid rose.

General Jacqueminot—Brilliant scarlet crimson.

Gloire de Margottin—Dazzling scarlet.

John Hopper—Bright rose, carmine centre; flowers large, cupped and well formed.

Jules Margottin—Bright carmine, cupped; very fragrant.

La France—Splendid satin rose; very large full form; a constant bloomer.

Louis Van Houtte—Dark velvety crimson of good form.

Marshall P. Wilder—Cherry carmine, large, full, semi-globular flower of fine form.

Mabel Morrison—Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

Marchioness of Londonderry—Ivory white petals, of great substance, shell-like and reflexed, highly perfumed.

Mme. Gabriel Luizet—Fine satiny rose; very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

Margaret Dickson—The flowers are of the purest white, of extra large size and of immense substance. It is a strong; vigorous grower with fine large foliage.

Merveille de Lyon—Pure white, shaded with satiny rose.

Mrs. John Lang—Delicate pink, with satiny tinge.

Paul Neyer—Very large dark red, an old favorite.

Prince Camille de Rohan—Deep velvety crimson maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

White Baronesse—Pure white.

Extra Heavy Two-year-old Bushes 30c each. $3 per doz.

TEN SELECT FERGARD ROSES

Baron de Bonstettin
Coquette des Blanches
Duchess of Albany
General Jacqueminot
John Hopper
Madame Gabriel Luizet
Margaret Dickson
Marshall P. Wilder
Magna Charta
Paul Neyer
Prince Camille de Rohan
Ulrich Brunner

For description as to color, etc., see list of Hybrid Perpetual Roses.

Strong Flowering Two-year-old Bushes 30c each. $3 per doz.

12 Select Ever-Blooming Hybrid

TEA SUMMER ROSES

That will produce a mass of Roses to cut from the entire season.

Augusta Victoria—Large crimson white flower shading deep-er towards the centre; very fragrant.

Camoons—Bright glossy rose shaded yellow, very effective.

Clothilde Souport—The flowers of this beautiful variety are of a unique color, being of a pinky white, shaded at the centre with silvery rose, and are produced in the greatest profusion.

Etoile du Lyon—Flame dark shell-shaded, somewhat double; flowers fully opened; very fragrant. This variety re-embles La-france, but its color is more deep, vivid and brilliant.

Maman Cochet—One of the finest Roses either for out-of-doors or for winter forcing; deep crimson, dark crimson.

Mme. Caroline Testout—A magnificent Rose, equally valuable for summer or winter blooming; flowers full, very large, globular form; color clear satin rose; very fragrant. This variety resembles La-france, but its color is more deep, vivid and brilliant.

Maman de Salis—Brilliant, velvety red, very desirable.

Moella—Produces beautiful clusters of double shell-shaped flowers which open like a camellia, the color is a white tint on a beautiful yellow ground.

Papa Gantier—One of the finest Roses either for out-of-doors or for winter forcing; dark crimson color.

Saffron—Saffron yellow.

Viscountess Folkestone—Creamy pink, salmon centre, large and fragrant.

Strong Flowering Two-year-old Bushes 40c each. $4 per doz.
**Hardy Climbing or Pillar Roses**

The following list comprises the best of the hardy Roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

*Almec Vibert*—A good rose. Pure white, very full.

*Chaste Lawson*—Vivid red, large and full.

*Felicite Perpetue*—Creamy white, beautiful.

*Flora*—Rosy flesh color.

*Myriathes Renoncule*—Blush, edged with rose, an evergreen variety.

*Rico Marie Henriotte*—Rich cherry crimson.

*Rosa Briar*—True old English, rose pink.

*Vivid*—Vivid crimson, very showy, a fine climbing rose.

*White Microphylla*—Very free bloomer.

*W. A. Richardson*—Orange yellow, entirely new shade, very desirable.

*Yellow Persian*—Bright golden yellow, hardy yellow climbing rose.

**Strong two year old flowering bushes, plants, 35c each $3.60 per doz.**

**DAMASK ROSES**

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

*Cabbage, or Provence*—Pink rose flowers.

*Madame Hardy*—Beautiful large double white flowers.

*Madame Plantier*—Pure white, and a free bloomer; unrivalled for beds in a cemetery use.

*White Provence*—Pure white, delightfully fragrant.

**Strong two year old flowering bushes, 35c each; the set of 4 for $1.25.**

**MOSS ROSES**

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate moss covering which surrounds the bud, and which gives the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

*Blanc de Morain*—Lovely pure white, large and full.

*Comtesse de Murin,*—Large white, beautifully mossed.

*Crested Moss*—Deep pink, crested.

*Glory of Mosses*—Color rich mossy pink, tinged crimson.

*Salt*—Bright pink, blushing edges, large and full, mossy.

*Mrs. Wm. Paul*—Clear rosy.

*Nuits de Young*—Valentine purple, very double.

**Strong two year old flowering bushes, 40c each; set of 7 $2.25.**

**LORD PENZANCE’S HYBRID SWEET BRIARS**

These are crosses between the Common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants perfectly hardy, and the foliage is as sweet-scented as the common Sweet Briar.

*Amy Roberts*—Lovely deep rose, an abundant bloomer, robust and free flowering.

*Anne of Gierstein*—Dark crimson, graceful branching habit.

*Lady Penzance*—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

**We offer strong two year old budded plants of the above at 40c each the set of 5 for $1.75, doz $4.00.**

**THE MEMORIAL ROSE**

*Rosa Wichuriana*—A beautiful single rose from Japan, blooms in clusters. Flowers fragrant, single, pure white, from 8 to 9 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prunus trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each; $3.00 per doz.

**THE 4 RAMBLERS**

**The Crimson Ramblers**

White and Yellow Ramblers, except in color, which is a pure rose color, the partially open buds being bright carmine. The vicious yellow stamens lend an additional charm to the flowers. Strong two year old bushes, 40c each; $4.00 per doz.

**Special Offer**—One each of the 4 Ramblers extra strong bushes for $1.35.

**THE ROSE RUGOSA**

*Rosacea Rugosa*—Very strong two year old bushes 40c each; $4.00 per doz.

**Roses for Cemetery Planting**

*Camomii*—Bright glossy rose, shaded yellow.

*Marquis de Salisbury*—Brilliant velvety red.

*Clothilde Soupert*—The flowers of this beautiful rose are of a unique color, the back of a nearly white shaded at the center with silvery rose, and are produced in the greatest profusion. It makes a fine plant, either for pot culture or outdoor planting.

*Magnolia Charta*—Bright pink, suffused with carmine; a beautiful rose and a strong vigorous grower.

*Coquette des Blanches*—Pure white, large globular flowers.

**Strong two year old flowering bushes, each 42c; per doz $4.00.**

**Lord Penzance’s Sweet Briars**

*The Memorial Rose* (Rosa Wichuriana)—Flower fragrant, single, pure white, from 8 to 9 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit.

*Etienne Lynd*—Fine striking sulphur yellow.

*Gen. Jacquimont*—Brilliant scarlet crimson.

*M. Desprez*—Dark crimson.

*M. Mosella*—Produces beautiful clusters of double ball-shaped flowers which open like a camellia, the color is a white tint on a beautiful light yellow ground.

*M. Plantier*—Fine bushy plant, which produces its white flowers in great abundance.

**Lord Penzance’s Sweet Briars**

*THE 4 RAMBLERS*—These climbing Roses are of vigorous growth and making bushy from 8 to 10 feet high. They are consequently most desirable for covering graves in cemeteries. They are exceedingly hardy. The flowers are produced in large clusters of pyramidal form.

**Crimson Ramble**—Strong bushes 26c each; $2.50 per doz. Extra strong two year old bushes 40c each; $4.00 per doz.}

**Yellow Ramble**—(Agama)—Extra strong two year old bushes 40c each; $4.00 doz.

**White Ramble**—(Thalia)—Extra strong two year old bushes 40c each; $4.00 doz.

**Pink Ramble**—(Euntheros)—Similar in habit to the last. It blooms nearly the whole summer, and are covered during autumn and winter with red seed pods.

**RUGOSA**—Fine double in m. *RUGOSA ALBA*—Pure white. Extra strong plants 40c each; $4.00 per doz.

**MEMORIAL**—(Rosa Wichuriana)—A beautiful single rose from Japan, blooms in clusters. Flowers fragrant, single, pure white, from 8 to 9 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prunus trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants 40c each; $3.00 per doz.

**ROSE RUGOSA**—(Rosa Wichuriana)—A rose so famous as to hardly need a description here. The most beautiful large, gold-en yellow rose; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too soon. We keep several sizes, the largest size give the most satisfactory results. Two 3-foot plants 60c.
**Hardy Perennials**

The tide of popular favor has turned decidedly towards these most useful of all plants. Perfectly Hardy, once planted will last for years, increasing in size and beauty. The following sorts have been selected with greatest care.

**Achillea, The Pearl**—The flowers which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, resembling a Pomponie Chrysanthemum. Each 20c, per doz $2.00.

**Achillea, Serrata, fl. pl.**—Flowers double and of very pure white, leaves deeply cut, blooms later than "Pearl." Each 20c, per doz $2.00.

**Anemone Japonica**—One of the most beautiful of the hardy herbaceous plants. They commence to open their very rich colored single blooms in August, and continue to increase in beauty until cut by frost. Each 20c, per doz $2.00.

**Anemone Whirlwind**—In general style and habit it is identical with the white Anemone. It is of the same hardy habit of growth, and is even more free-flowering. The flowers which are 2½ to 3 inches across, have several rows of pure white sepals semi-double, and last much longer than the single varieties. (See illustration.) Each 20c, per doz $2.00.

**Anthericum Lilatrum (St. Bruna’s Lily)**—A beautiful plant with narrow grass-like foliage, and long spike of white, fragrant, lily-like flowers. Each 20c, per doz $2.00.

**Aquilegia Chrysantha** (Yellow-Flowered Columbine)—2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs. Each 20c, per doz $2.00.

**Arabis Alpina** (Rock-Cress)—Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet which is completely covered early in the season with pure white flowers. Each 20c, per doz $2.00.

**Delphinium Formosum** (Perennial Larkspur)—This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants and should be planted extensively, even in the smallest gardens; its long spikes of bright blue flowers are produced from June until frost. Each 20c, per doz $2.00.

**Dianthus** (in variety)—Each 20c, per doz $2.00.

**Digitalis** (Foxglove)—(See Illustration)—Stately growth, fine for shrubberies and other half-shady places; 3 feet. Each 20c, per doz $2.00.

**Doronicum excelsum**—A strong growing perennial, with large heads of bright yellow flowers 3½ inches in diameter. Each 20c, per doz $2.50.

**Eulalia Japonica Zobrina** (Zebra Striped Grass)—Variegated, having bars of yellow running crosswise, not longitudinally as in the ordinary form of variegation; easily grown. Each 20c, per doz $2.50.

**Funkia Alba** (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 20c, per doz $2.50.

**Hemerocallis Flava** (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery. Each 15c, per doz $1.50.

**Galaxias Grandiflora**—(See Illustration)—The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brightest scarlet crimson, orange and vermilion, and often a combination of all these colors in one flower. Each 20c, 6 for $1.00, 12 for $2.00.

**Helianthus Multiflorus, fl. pl.** (Double Hardy Sunflower)—An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow color. Each 20c, doz $2.00.

**Hibiscus** (Perennial Mallow)—The flowers are 6 to 8 inches in diameter, and very in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 20c, per doz $2.00.

**Hypericum Moserianum**—(See Illustration)—A new evergreen shrub 2½ feet high which is covered with large flowers from May until fall. They are about ¾ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an ever bloomer. Each 20c, per doz $2.00.

**NOTE**

Our Perennials are not small cheap plants, but strong clumps and roots, sure to bloom the first season, and therefore cheaper in the end.
DOUBLE HOLYHOCKS

Hollyhocks are among the finest permanent garden plants, as being free growing, they make a great display with little or no care. We offer them in the four following hues: Double White, Yellow, Pink, Crimson and Scarlet. Price for two-year old plants 25c each, per doz $2.00. We can also supply good plants at 15c each, $1.50 per doz.

Lychnis Chalcedonica—Produces head of vermillion scarlet flowers, exceeding in brilliancy many double Geraniums. Each 25c, doz 2.00.

Lychnis Picennisima Semperflorens—The flower of a beautiful tender rose color, is produced on long bu-hy spikes. It is very pretty for bouquets and we recommend all to try it. Price 20c each, doz $2.00.

IRIS (Fleur-de-Lis)

Japan Iris (Iris Kompferi)—In beauty, size of flower and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, rose, lavender, blue, yellow, violet, white and blue. A golden yellow blotch, surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of color in the bloom. The Japan Iris is perfectly hardy.

Named Varieties—Price 20c each, for 3 or 4 doz $2.00.

Mixed Varieties—Strong roots 15c each, for 3 or 4 doz, $1.50.

Iris Germanica—German Irises are certainly unparalleled for beauty, no modern creation can vie with them, unless the orchids from tropicals. Every shade and color may be found among them, and they will thrive in almost any soil without any care whatever. Strong roots 15c each $1.00 doz.

HERBACEOUS CHINESE PÆONIES

Magnificent, hardy plants, almost rivalling the rose in brilliancy of color and perfection of bloom. Some of the varieties are exceedingly grand. The Double White—Each 25c, $1.00, per doz $2.00.

Double Rose—Each 25c, $1.00, per doz $2.00.

Finest Double Mixed—Each 32c, 6 for $1.00, doz $1.75.

TREE PÆONIES

Instead of dying down to the ground every winter, like the herbaceous variety, it grows into a hard woody shrub. The flowers are the same in form as the common variety, but of a lighter pink or white color. Strong plants 75c.

PENTSTEMON—GENTIANOIDES

(See Front Cover)

These are among the most beautiful of our summer-flowering perennial, being taller in growth, while the elegant beauty of their pyramidal spikes of large blossoms are the admiration of all. We offer choice mixed seedlings, grading in color from bluish white to the deepest crimson, price 20c each, $2.00 per doz.

SPECIAL OFFER

We will supply from the above list, our selection choicest kinds, one dozen plants for $2.00.

Or we will supply from the above list, our selection ordinary kinds, one dozen plants $1.50.

Double Hollyhock

Phlox

Their large and very brilliant clusters of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. Each 15c, doz $1.50.

Pyrethrum, Double—Hardy Chrysanthemums, in beautiful double varieties. Each 25c, doz $2.00.

Pyrethrum, Single—Hardy Chrysanthemums in beautiful single varieties. Each 25c, doz $2.00.

Pyrethrum, Uliginosum—Pure white Aster like flowers, about 3 inches in diameter; blooms in summer and autumn. Each 25c, doz $2.00.

Rudbeckia "Golden Glow"—Of fine habit and vigorous growth, attaining a height of from 4 to 6 feet. It begins to flower early in the season, and continues until late in the fall. The flowers are produced in two-year succeeding succession, on long stems and resemble a fine double golden yellow Catus Dahlia; 20c each, $2.00 per doz.

Spiraea Filipendula f. pl. (Double flowering Drop-wort)—Numerous Corymb of double white flowers and pretty fern-like foliage. (See cut).

Sweet William—Mixed colors. Each 15c, doz $1.50.

Thalictrum A diantifolium—Maiden Hair Thalictrum—a beautiful plant rivaling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each 15c, doz $2.00.

Tritoma Uvaria—Often called the "Torch Lily" or "Red Hot Poker," on account of its dense spikes of flame-colored flowers. It blooms in August, and is very striking when planted singly on the lawn. Each 25c, 3 for 50c, doz $2.00.

Valeriana Officinalis (Garden Heliotrope)—Large tufts of lavender flowers, 3 feet high. Each 25c, doz $2.50.

Violet, California—The finest double violet. The flowers, which are very large, are borne on long, stout stems, which makes it especially valuable for cutting; they are very fragrant and of a clear violet purple color. Plants 15c each, $1.50 per doz.

Violet, Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color, and very free flowering. Each 25c, doz $1.50.

Violet, The Farquhar—An exquisite ever-blooming violet, with very long-stemmed double flowers of a deep color. Each 20c, 4 for 60c, $1.50 per doz.

We can also supply the following Perennials:

Campanula (Canterbury Bells)—Each 25c, doz $2.00.

Delphinium—In 12 varieties. Each 25c, doz $2.50.

Eulaia Japonica—Each 25c, doz $2.50.

— variegata—Each 25c, doz $2.50.

— gracilis—Each 25c, doz $2.50.

Gypsophila Paniculata—Each 25c, doz $2.00.

Helianthus lactiflorus—Each 20c, doz $2.00.

Myosotis Palustris—Each 20c, doz $2.00.

Papaver bracteatum—Each 25c, doz $2.50.

Phlox subulata—Each 20c, doz $2.00.

Polyanthus—Each 20c, doz $2.00.
Clematis

The royal purple of this splendid, ever-blooming flower may well be said to mark it as a prince among all hardy flowering vines. We pressure every one of our customers who sees it blooms each summer-promises to plant it in his own yard and garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy, it blooms the entire season. Best of all, it bears beautiful and lasting flowers.

Plant in a sunny spot in good garden soil dug very deep. We recommended the application of well-rotted manure in holes a few inches away from the plant in opposite directions as the feeding roots reach out to these holes which may become watered freely, with better success than when the manure is applied directly to the base of the plant.

LARGE FLOWERING VARIETIES

Henry—Creamy white, large and handsome flowers, pleasant fragrance. Each 25c.

Duchess of Edinburgh—The best of the double pure-whites, deliciously scented. Each 50c.

Gypsy Queen—Very finest purple variety; strong, free bloomer. Each 50c.

Jackmani Alba—Fine pure white. Each 25c.

Lawsoniana—Purple darker veins. Each 25c.

Madame Van Houtte—White, fine. Each 50c.

Mad. Baron Veillard—Light rose, shaded lilac. President—Satín blue. Each 50c.

EACH 60c. PER DOZ 7.00.

Fragrant and Small-Flowered Clematis

Paniculata (Sweet-Scented Japanese Clematis)—A Japanese plant recently introduced to this country and possessing unusually attractive merits. A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and pungent fragrance. These flowers appear in late August at a season when very few other vines are in bloom, being an added merit of great consequence. The extreme rapidity of its growth, the showy masses of pure white fragrant flowers borne so very freely, and its late blooming nature, united with an entire hardiness, serve to make this one of the very choice-1 of recent introductions. Good strong plants, each 25c.; 5 for $1.00; 2-year-old plants each 50c.

Flamment “Fragrant Virgin’s Bower”—This is an old and well-known species; flowers pure white, deliciously fragrant. The plants attain the height of 20 feet and when trained on trellis work, and in full bloom, look like a mass of snow. The color is perceptible at a distance of 200 yards. Hardy; each 50c., per box $8.00.

Clematis Virginiana—A rapid, strong-growing variety, producing a profusion of white flowers during July and August. Each 30c., 4 for $1.00.

Clematis Coccinea—A very handsome, hardy climber, bearing dark bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25c. each, 4 for 90c.

Clematis Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant, lavender flowers with white centers. Blooms from June until frost. 25c each, 4 for 90c.

AKEBIA QUINATA

A perfectly hardy, fast-growing Japan vine, with its brilliant foliage, producing flowers in large clusters of chocolate-purple color, possessing a most delicious perfume; unsurpassed for covering trellises and vines, the foliage never being attacked by insects. 15c.

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkable handsomely fragrant, white, pure ivory white with red-cored centre. Hardy in open ground if given a light covering of leaves or litter during winter. Each 25c., doz. $2.50.

BIGNONIA (Trumpet Creeper)

For covering unlighted places, stumps, rock work or planting in crevices in ledges, the Bignonias will be found very useful. The flower are large, attractive and showy, and borne profusely when the plant attains a fair size.

Grandiflora—Large-flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free-blooming and very hardy. Each 30c., 4 for $1.00, doz. $8.00.

COBEA SCANDENS

A beautiful climber of rapid growth, bearing large, purple, bell-shaped flowers. Large plants each 25c. 2 for 50c.

HONEYSUCKLES

Monthly Fragrant (Hallea)—Beautiful variegated flowers; blooms all the summer. Strong plants, each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants, each 50c.

Yellow Trumpet—A very fine variety of grower; yellow flowers, blooms all the summer. Strong plants, each 50c.

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 30 feet or more, when in bloom is truly magnificent. It flowers in early spring, in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue. Each 50c., per box $2.50.

White—Flowers in long drooping clusters, as in blue varieties, pure white color most striking. Strong plants, each 50c.

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, clings firmly to stone or brick walls. Each 25c., doz. $5.00.

ARISTOLOCHIA SIPHO

Dutchman’s Pipe—A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers; one of the very best climbing vines known, hardy, rapid grower, verandas and sides of dwellings. 1st size, each 50c., doz. $5.00; 2nd size, each 50c., doz. $3.50.

BOSTON IVY

Amelopsia Veitchii (Boston Ivy)—This very attractive clinging vine will be readily recognized by our resellers when we remind them that his glossy ivy leaves overlap each other and its long delicate, young shoots stretch up the stone walls of our finest city residences. The tendrils, at nearly every joint clinging firmly to the smoothest surface of rock or wood. The glossy leaves assume in the Autumn the most beautiful tints of scarlet and crimson. The hardy evergreen vines possible for growing on house walls especially the foundation and first story, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in winter. We Quote many sizes. Small plants 20c; 3 for 50c; 7 for $1.00; strong plants each 40c, 5 for $1.00, doz. $3.75.

VIRGINIA CREEPERS

A very well-known rapid grower; like the Bignonia and Ivy it throws out roots at the joint by which it fastens itself to anything it touches. Small plants each 20c, large strong plants each 40c, per doz. $4.50.
Lilac Blossom

HYDRANGEA PANICULATA GRANDIFLORA—This is the finest hardy shrub in cultivation and endures heat and cold extremely. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open but gradually change to rose-pink and remain in good condition 20 weeks. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Honeysuckle. Tree-shaped or Tartarian—Double white, with handsome rose foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Lilac White, Red and Purple (Syringa Vulgaris)—Well known hand-some large shrubs. Flowers in clusters, exceedingly fragrant and beautiful. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Privet. Laurel-leaved—A hardy, handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge. Price, 1st size 75c, 2nd size 50c, 3rd size 25c.

Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan (Pyrus Japonica)—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.

Spiraea, Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

PRICE—Extra Strong Bushes Each 50c; Per doz $5.00.

UPRIGHT DECIDUOUS TREES

Ash-Leaved Maple—Native of Manitoba, extremely hardy, very rapid grower, bearing leaves resembling the Ash.

American Sweet Chestnut—Among our ornamental native trees this chestnut is unrivalled for its beauty. Of elegant, symmetrical form; the foliage is rich, glossy and healthy, and the whole tree is covered in early summer with long pendant blossoms. It is desirable in lawns, which it bears profusely a few years after transplanting.

Black Walnut—A native species of large size and majestical form, foliage beautiful, being composed of handsome leaves, often measuring one foot in width, and an abundance of showy flowers in early spring.

Horse Chestnut—A very beautiful well-known tree, round, dense head, dark green foliage, and an abundance of showy flowers in early spring.

Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width, by two feet in length. Suited to all soils.

European Larch—An excellent, rapid growing, pyramidal tree; small branches drooping.

Maiden Hair Tree—One of the most beautiful of lawn trees, a native of Japan, of medium size, rapid growth, rich, glossy, fern-like foliage.

Mountain Ash—A fine hardy tree, head dense and regular, covered from July till winter with large clusters of bright scarlet berries.

Mulberry—Downing's Everbearing (Mt. Multicaulis)—Raised from seed of Mt. Multicaulis. A fine, rapid growing tree which bears delicious fruit.

Oak-Leaved Mountain Ash—Hardy tree of firm habits, height from twenty to twenty-five feet, foliage simple, deeply lobed. Very fine lawn trees.

Poplars—Each 35c.

Silver Maple—Norway Maple—Sycamore Maple.

Thorn—Double Scarlet (Cocinea fl. pl.)—Flowers deep crimson with scarlet flowers; very double, crimson, hardy, and vigorous; a very handsome shrub.

Tribulus—Double Scarlet (Cocinea fl. pl. Paulii)—Flowers large, deep crimson, scarlet, superior to any other variety. Price, Outside where noted, $7.00 each. $6.00 doz.

WEPPING DECIDUOUS TREES


Kilmarnock Weeping Willow—An exceedingly graceful large tree, very hardy, of graceful form, suitable for lawns; excellent for hedges.

Weeping Mountain Ash—A beautiful, hardy, weeping tree; makes a fine tree for lawns; suitable for covering arbors. Price $1.00.

Weir's Cut-Leaved Maple—A variety of silver maple. One of the most remarkable of trees, with cut or drooping foliage. Price 75c each.

HEDGE PLANTS

Privet—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge. 18 to 24 inches high. Per doz 50c per 25 $1.50, $5.00 per 100.

Almond, Dwarf Double-flowering (Amygdalis)—Well grown, in covered in spring with pink flowers like double roses; very showy.

Azalea Mollis—A beautiful species from Japan, with large deep pink flowers, pink fruit, good for preserving.

Barberry, Purple-leaved (Berberis Vulgaris purpurea)—A hardy, handsome variety with purple foliage; very ornamental and distinct.

Burning Bush (Euonymus Europaeus)—Pods covered with scarlet seeds during autumn and winter.

Clethra Alnifolia (Sweet Pepper Bush)—White fragrant flowers in long clusters, very showy.

Deutzia. Gracilis—Slender branches, pure white flowers.

Deutzia, Grand—Double white flowers tinged red.

Fringe Purple, or Emoke Troc (Rhizostoma)—Has very curious blossoms, which when viewed over dew resembles a cloud of smoke or mist.

Golden Elder (Sambucus nigra var. aurea)—A handsome variety, with golden yellow foliage. A valuable plant for enlivening shrubberies.

Spiraea Van Houttei

Spiraea Prunifolia (Bridal Wreath)—Handsome shrub, white daisy-like flowers in May; one of the best.

Spiraea Eximia—Flowers a bright rose, blossoms in July.

Spiraea Van Houttei—Large clusters of white flowers, hanging in graceful racemes.

Spiraea Bumaldl—Red, blossoms a long time.

Syringa (Philadelphus or Mock Orange)—Several kinds, one of the finest, with handsome white flowers, some quite fragrant.

Syringa, Golden Leaved (Philadelphus aurea)—Festoon plant of medium size; golden-yellow foliage; retains its color the entire season; very suitable for creating contrasts with green and purple-leaved shrubs.

Snowball (Viburnum Sterile)—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball, Chinese (Viburnum Plicatum)—From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (Symphoricarpus Racemosus)—Pink flowers in summer, large white berries in autumn.

Weigelia Amabilis or Splendens—Removes Rosaces, leaves and flowers somewhat larger.

Weigelia Leaved—Leaved Variegated—Leaves variegated, flowers rose color.

Weigelia Van Houttei—A hardy, vigorous, growing shrub, leaves and flowers of deep rose colored flowers in May and June.

Weigelia Rosea—A hardy, handsome Chinese shrub, blossoms in June; flowers a beautiful blush, changing to a deep rose color.

EVERGREEN TREES

American Arbor Vitae—This is one of the very finest Evergreens for hedges. It is very hardy; small plants from 18 to 24 inches high, which have been transplanted several times are preferable.

Arbor Vite (Pyramidal)—A compact, tall growing, evergreen, hardy and stately. Very fine for lawns and cemeteries. 75c each.

Austrian or Black Pine—An exceedingly hardy, beautiful tree, spreading, tree leaves long, stiff, and dark green; growth rapid; valuable for this country.

Juniper—Irish (Hibernica)—Very erect and tapering in its growth, forming a column of deep green foliage; a stately tree or shrub, and for its beauty and hardness is a general favorite. 75c each.

Scotch Pine—A fine, hardy, spreading tree with stout erect shoots and silver green foliage.

Norway Spruce—A lofty elegant tree of perfect pyramidal habit, remarkable elegant and rich; it is exceedingly picturesque and beautiful, one of the best Evergreens for hedges.

Cage—Extra where noted. Per doz. to 100, 20 to 40 inches $50 each. Three 50 240 30.00 25.00 50 30.00

Prices of Evergreens.
Wismer's Dessert:

A Variety of Canadian Origin

In the eating qualities of the fruit, we say that the world has never seen its equal for high aroma, exquisitely delicious flavor, and juicy, melting, buttery, pear-like texture, well developed some being almost as luscious and fibrous as a Bartlett pear, yet productive.

The fruit is medium to large in size, smooth, round or slightly oval-shaped; beautifully colored with yellow, and shaded with bright red in stripes, or streaks; marked with russet dots; very handsome. Season, winter, keeping well till March, and later. Sold only under originator's seal $1.00 each.

**STANDARD APPLES**

**STANDARD APPLES** are intended for orchards, and are usually planted when 5 to 7 ft. high. The varieties in this list can be recommended as the best now in cultivation in Canada.

**Astrachan Red**—Large, roundish, nearly covered with crimson and thick banded rich, acid; hardy, tree, vigorous grower, good bearer. August. 

**Early Harvest**—Medium to large size, yellow, July. 

**Tetofsky**—A Russian variety, profitable for market; bears usually the second year and bears every year; hardy as a Crab; fruit good size, yellow, beautifully striped with red; a tender, juicy, pleasant flavored apple. 

**Yellow Transparent**—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant flavored. Ripens ten days earlier than the Early Harvest. Price 90c each, $3.60 per doz.

**Late Apples**

**Alexander**—Very large and beautiful, deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.

**Colvert**—Large, with a handsome red cheek: rapid grower and hardy. November.

**Duchess of Oldenburg**—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

**Famous**—Commonly known as "Snow." Hardy. October and November.


**Haas Queen**—Large, slightly conical, splashed and mottled; fruit large, and red; flesh white, sub-acid. The tree is the fastest grower we have. 

**St. Lawrence**—Large, red, yellow, and white; crisp, vinous, tender, good. Free grower. October. 

**Twenty Ounce**—Very large, showy, prolific, well known. Price 90c each, $3.60 per doz.

**Winter Apples**

**Baldwin**—Large, brown red, very prolific. January to April. 

**Ben Davis**—Vigorous, large, moderately juicy, sub-acid; the trees bear well. Dec. to Feb. 

**Greene Golden**—Vigorous, large, golden yellow, juicy, esp. lightly sub-acid. Tree is tender. January to April. 

**Hubbardston**—Large, brown red, juicy, fine. January to May. 

**Wagner**—Moderate grower, bears very young and profusely; yellow and crimson; juicy, sub-acid. January. 

**Golden Russet**—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. November to May. 

**King of Tomkins**—A very large, red apple; trees bloom early to May. 

**Northern Spy**—Vigorous and hardy, large, striped; red, tender, juicy, mild, sub-acid. Late. 

**Mann**—Medium to large; deep yellow, red, mild, pleasant, sub-acid; hardy. Good grower. 

**New Jersey**—Large, red, yellow, and white; hardy, relatively early. January to May. 

**Pewaukee**—Vigorous, hardy, bright yellow with red, tender, juicy, sub-acid. January to May. 

**Tamaulipas**—Vigorous, large, sweet, yellow, firm, rich, sweet. November to April. 

**Tulip**—Vigorous, large, productive, juicy, crisp, pleasant flavor: very large, globular, yellowish green, dull red cheek. Jan. to March. 

**Washington**—Large to very large, medium size; yellow and red; crisp, juicy, good. 

**Weather**—In growth and very hardy; large, dark red; juicy, vinous, sub-acid. Good. December to March. 

**R. I. Greening**—Large, green, fine grained, rich, delicious, hardy. A little tender in northern sections. Late. Price 90c each, $3.60 per doz.

**Wismer's Dessert Apple**

**CRAB APPLES**

**General Grant**—A beautiful Crab for ornament and preserving, and for eating out of hand. Color red, fruit large, tender and juicy. 

**Hyslop**—Vigorous, large, deep crimson, sub-acid. September. 

**Transcendent**—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. September. 

**Whitney's Scodding**—New, large, handsomely splashed with carmine, fine quality; heavy, early bearer. Sept. and Oct. Price 50c, $3.60 per doz.

**STANDARD Pears**

**STANDARD Pears are grown upon Pear stocks and Dwarfs upon Quinces.**

**Summer Pears**

**Bartlett**—Vigorous, large, yellow and red, juicy, buttery, very large, tender and juicy. 

**Drandywine**—Free grower, medium size, yellow and russet, melting, juicy, good. August. 

**Clapp's Favourite**—A cross between Bartlett and Flemish Beauty; fruit resembles the former. 

**Tyson**—Medium, yellow and russet, melting, juicy, sweet, free, vigorous grower and good bearer. 

**Wilder Early**—Handsome, delicious, early Pear. August. Price 50c each, $3.60 per doz.

**Autumn Pears**

**Duchess D'Angouleme**—One of the very large, firm, sweet. 

**Flemish Beauty**—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and Oct. 

**Kieffer**—Large, rich, golden, slightly coarse, juicy, with pronounced quince flavor. O. t. and Nov. 

**Society**—Medium brown, highest flavor. September and October. 

**Sheldon**—Large, russet and red, melting, rich, delicious, hardy, vigorous and productive. Oct. Price 50c each, $3.60 per doz.

**Early as Late Winter Pears**

**Anjou**—Very large, pyriform, greenish-yellow, buttery and juicy. November and December. 

**C glareau**—Very large, handsome and showy; yellow and red, juicy, vinous, valuable for market. November and December. 

**Lawrence**—Medium to large, golden yellow, melting, pleasant, aromatic. Nov. and Dec. Price 50c each, $3.60 per doz.

**CHERRIES**

Cherries succeed well on dry soil, can be trained in any form that taste or circumstances require. 

**Marton**—Large, sweet, white. 

**Middle of June.** 

**Black Tartarian**—Large, mild, pleasant flavor, purplish-black, good bearer. End of June. 

**Early Richmond**—Medium, red, juicy, acid. June. 

**English Morello**—Large, dark red, sub-acid, good. 

**Governor Wood**—Medium large, clear light red, very hardy, one of the best. End of June. 

**Yellow Spanish**—Large, pale yellow with red cheek, Juicy, delicious and sweet. End of June. 

**Louis Philippe**—Large, dark, juicy, with a mild sub-acid flavor, tree vigorous, hardy and productive. Best. 

**Montmorency**—Large—Light red, sub-acid, good bearer, very hardy, one of the best. First July. 

**Napoleon**—Very large, pale yellow with red cheek, firm, juicy, sweet, very good, July. 

**October Seedling**—Large, russet, sub-acid, hardy. 

**Middle July.** 

**Wattles**—Medium to large, firm, Canadian origin, vigorous and hardy, large, liver colored, valuable. End July. Price 50c each, $3.60 per doz.

**PLUMS**

Plant 18 feet apart on good substantial soil. The size we offer is very fine, unexcelled in the market. 

**Bradshaw**—Very large, dark violet red, juicy, sweet and good, one of the best. August. 

**Coe's Golden Drop**—Large, yellow, sweet, Sept. 

**Imperial Gage**—Excellent, large, pale green, Aug. 

**Beauty of Naples**—Large, large, greenish yellow, highest flavor, tree very hardy and productive. Middle Sept.-Oct. 

**Moore's Arctic**—Medium, purplish-black, juicy, sweet, heavy bearer and extremely hardy. 

**Yellow Egg**—A well-known large plum, firm, sub-acid, and fine for cooking. 

**Lombard**—A rampant grower, and wonderfully productive, medium, violet red, good. Sept. 

**Pond's Seedling**—A magnificent English, light red, firm, good grower, abundant bearer. Sept. 

**Shipper's Pride**—Large, often measuring 2 in. each way, being nearly round; excellent for canning. Sept. 

**Goliath**—A very large purple plum, rivalling the peach in beauty, hardy and productive. $1 each. 

**Glass' Seedling**—A hardy Canadian variety of large size and good flavor; deep purple. Sept. Price 50c each, $3.60 per doz.

**PEACHES**

**Crawford's Early**—A superb yellow Peach of good quality; a productive and early sort. Sept. 

**Crawford's Late**—Resembles Early Crawford, but later. 

**Early York**—Medium size, white, with purplish red cheek: excellent, one of the best. July. 

**Early Rivers**—Large, color creamy white, with a delicate pink cheek; melting, rich and juicy. 

**Early Canada**—A seedling raised by Abraham High, Jordan, Ont., resembles the Alexander Rippled White in size and appearance. Price 35c each, $4.00 per doz.
BLACK GRAPE SEEDLINGS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price Each</th>
<th>Per Doz.</th>
<th>Per 100</th>
<th>Description</th>
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<tbody>
<tr>
<td>Worden</td>
<td>25</td>
<td>2.00</td>
<td>7.00</td>
<td>Best black grape seedling of Concord, larger, delicious, much earlier, very reliable.</td>
</tr>
<tr>
<td>Houghton</td>
<td>25</td>
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<td>Black, large, Early.</td>
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<td>Moro</td>
<td>25</td>
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<td>Brightly colored, large, early.</td>
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<tr>
<td>Red Grapes</td>
<td>25</td>
<td>2.00</td>
<td>7.00</td>
<td>Red, large, firm.</td>
</tr>
<tr>
<td>Niagara</td>
<td>25</td>
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<td>Finest large white grape, very sweet.</td>
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<tr>
<td>Moore’s Diamond</td>
<td>25</td>
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<td>Brightly colored, large, early.</td>
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<td>Green Mountain</td>
<td>25</td>
<td>2.00</td>
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<td>Early as Jessica, larger, more vigorous.</td>
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**REPUBLIC GRAPE VINES (For culture under glass)**

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</tr>
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<td>Muscat Hamburg</td>
<td>Black, muscat flavor, very delicious.</td>
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<td>Duchess of Bucclough</td>
<td>Delicious, white.</td>
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<tr>
<td>Lady Downs</td>
<td>Large, black, late, one of the best.</td>
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<tr>
<td>Madensfield Court</td>
<td>Berries very large, black, superb grape.</td>
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<tr>
<td>Bowood Muscat</td>
<td>White, large, high-quality.</td>
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<td>Foster’s White</td>
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**RAISIN SEEDLINGS**

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<td>2.00</td>
<td>7.00</td>
<td>Brightly colored, large, early.</td>
</tr>
<tr>
<td>Red Grapes</td>
<td>25</td>
<td>2.00</td>
<td>7.00</td>
<td>Red, large, firm.</td>
</tr>
<tr>
<td>Niagara</td>
<td>25</td>
<td>2.00</td>
<td>7.00</td>
<td>Finest large white grape, very sweet.</td>
</tr>
<tr>
<td>Moore’s Diamond</td>
<td>25</td>
<td>2.00</td>
<td>7.00</td>
<td>Brightly colored, large, early.</td>
</tr>
<tr>
<td>Green Mountain</td>
<td>25</td>
<td>2.00</td>
<td>7.00</td>
<td>Early as Jessica, larger, more vigorous.</td>
</tr>
</tbody>
</table>

**BLACK FRUIT VINES**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black Hamburg</td>
<td>Black, exceedingly reliable.</td>
</tr>
<tr>
<td>Muscat Hamburg</td>
<td>Black, muscat flavor, very delicious.</td>
</tr>
<tr>
<td>Duchess of Bucclough</td>
<td>Delicious, white.</td>
</tr>
<tr>
<td>Lady Downs</td>
<td>Large, black, late, one of the best.</td>
</tr>
<tr>
<td>Madensfield Court</td>
<td>Berries very large, black, superb grape.</td>
</tr>
<tr>
<td>Bowood Muscat</td>
<td>White, large, high-quality.</td>
</tr>
<tr>
<td>Foster’s White</td>
<td>Excellent.</td>
</tr>
</tbody>
</table>
**INSECT DESTROYERS**

Aphis Punk—For use in private places, more conveniently than vaporizing treatments. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Will not injure the most delicate plants. Put up in boxes of 100. Each roll contains 60 grains of nicotine sufficient for 600 feet of floor space. Price 5¢ per box.

*Fine Tree Oil*—Soluble in water, effectively destroying all kinds of pests to which p. l. n. are subject. Bottle, small, 1 oz. Can. Half pint, 75¢; quart, $1.50; gallon, $2.75; gallon, $8.00.

*Skabcura*—The most powerful extract and will be found more economical than smoke extracts. Pint $2.00.

**TOBACCO SOAP**—Makes an excellent wash for plants and trees infested with insects. 1 lb 25¢; 10 lbs $2.00; paper box, 10 lbs 10¢.

*Rose Leaf Extract of Tobacco*—One of the most effectual articles for the destruction of all kinds of insects on plants. Pint 40¢; quart 75¢; gallon $2.00.

*Whale Oil Soap*—Makes an excellent wash for trees and plants, and for use in greenhouses. 10 lbs 60c; gal. $3.00.

**Flour of Sulphur**—Leads to the destruction of insects of all kinds. Used in boxes of 100. Each box contains 10 lbs, 100 lbs $8.00. By mail add 8c per pound for postage.

*Little's Antisept* (Readily Soluble in Water)—This preparation is a sure destructor of insect pests of any or all descriptions. Price Per bottle, 50c.; per large tin $1.00.

*Tobacco Cloth*—Takes the place of Tobacco. Per lb 75¢; 1 lbs $1.25.

*Copper Sulfate*—Contains Bordeaux Mixture. Per lb 10c, by mail 15c.

*Gishurst Compound*—For preventing and destroying all kinds of insects and beasts. 1 pint 10c; 2 pints 30c; 60c; 1 quart $1.50 each.

**SPRAY PUMPS**

**THE "SUCCESS" BRASS SPRAY PUMP**

*With Bucket Foot Rest* Indestructible Brass Ball Valves

The annexed cut represents a new and excellent pump for use in gardens, vineyards, greenhouses, and orchards, for washing windows and buggies; also for spraying poultry houses and other buildings. The working parts are all brass, and bucket for receiving and holding, is made of malleable iron. Nothing could be simpler in construction or better than this pump. It has a large air chamber space and is double acting, throwing an absolutely continuous stream either solid or in fine spray.

The end of hose connecting to pump is cuffed with brass spring wire, adding largely to its durability. This pump is righty named, and as a leader for general use cannot be done better. "Nothing succeeds like Success." The "Bordeaux" Nozzle, is furnished with "Success" Pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, $4.00. Seven foot sections of hose and couplings, with pole connection, for "Success" Pump $8.50 extra.

**THE "BORDEAUX" SPRAY NOZZLE**

The "Bordeaux" Nozzle is the simplest and best combination for spraying on the market. It throws solid stream or a fan-shaped spray adjustable to any fineness; is easily degorged by turning the cock handle. It will also throw a fine coarse spray for spraying very large trees; or it may be slant off altogether—excellent for no other spray nozzle. Price, $1.00.

**THE DEMING BARREL SPRAY PUMP**

With Mechanical Agitator, Adjustable Base and Brass Working Parts.

Fig. 500, Pump only, $9.00.

Outfit A.—Pump as illustrated a bove with a hose of 8 ft. length, 5 parts, Bordeaux nozzles, and pole connection, $13.50.

Outfit B.—Pump with two 8 ft. sections of hose, Bordeaux nozzles and pole connection, $18.50.

Barrel not furnished with Pump. Cut shows outfit "A."

**"I.X.L." AUTOMATIC SPRAY AND FORCE PUMP**

It is made of nickeld brass, galvanized iron tubing, brass springs with strainer on top. It will pump from the tank or carry the material to be used, and will throw a stream of 25 feet. Price each $2.75; postpaid $3.00.

*Myer's Bucket Spray Pump, with Lever.* Price $7.00.

*AQUARIUS* each, $6.50

*AQUAULT* each, 6.00

**TREE SPRAYING OUTFIT**

Knapsack Sprayer—Made of the best galvanized tin, will not rust. Has an agitator easily worked with left hand for stirring mixture. It is economical and perfectly correct in every way. Price each, $4.00.

Rose and Rubber Valve—for sending long distances. We can furnish our Rose with valve and bulb, with 24 ft. of tubing, with connections ready to attach to any pail. Price each, $2.50.

**INSECT DESTROYER DISTRIBUTOR OR DRY POWDER SPRAYER**

The application of Paris green and other poisons mixed either in water or plaster is both laborious and expensive. By the use of the Insect Powder Distributor in applying the insecticides clear, these difficulties are overcome as the poison is distributed so evenly and in such small quantities that it is hardly perceptible on plants.

The small hole is for clear Paris green, the large hole for belladonna, Bordeaux mixture and powders of like nature. The forked tube carries the poison directly to two rows of potatoes at a distance of six inches, or to a teaspoonful of land, to each of four species of flies, or a teaspoonful to each dozen of worms. The small one is for applying the poison in the early morning when the dew is on; it will then adhere much better to the leaves. Price $4.50.

**SPRAMOTOR**

**SPRAMOTOR JR., SPARING AND PAINTING MACHINE**

Will wash your windows, clean your buggies, white-wash your buildings or clean the leaves off trees, for small fruits and some large trees. It is thoroughly good and useful article, and wherever tried it will give as good results as a more expensive outfit.

Price complete, with 2 ft. 3 ply hose and Spramotor, painting and spraying; $12.00. Five gallon heavy galvanized can, extra $1.50.

**SPRAMOTOR JR., WHEEL OUTFIT**

Price complete, $10.00.

**SPRAMOTOR JR. NO. 1.—Price, complete as shown $10.00.**

If required all brass, $12.00.

**SPRAMOTOR OUTFIT I—D.—One brass Spramotor No. 1, including one line of 4 in. hose 10 ft. long, coupled attachments, one brass stop-cock, one 6 ft. brass extension rod with seamless brass inner tube, brass capped ends and drip guard, two Spramotor nozzles, and one Y connection. Price complete, with eyellet, $16.50. Same with three nozzles cluster, $18.50.

**SPRAMOTOR NO. 2.—Price for brass Spramotor with iron agitator, $18.00. All brass, $16.00.**

**SPRAMOTOR OUTFIT 2.—(High spraying one hose line) — Brass Spramotor No. 2, as above, with one line of hose 10 ft. long, coupled attachments, brass stop-cock, one 6 ft. brass extension rod with brass cupped ends and drip guard, one Y connection and two Spramotor nozzles. Without barrel. Price complete, with 5 ft. iron extension rod with patent drip guard, $16.50. Barrel and Strainer, Price $4.00.

Spramotor Illustrated Catalogue on Application.
GARDENERS' TOOLS AND REQUISITES

Arches—Iron, 6 ft. high, each, $3.00

Brackets—A Flower Pot, ornamental variety, various sizes, each 50c to...

Boquet Holders—Cheap, durable and attractive—each, 10c.

Cork Virgin—Flat and tubular, per lb., 10c.

Dibblers—For planting, each point...

Floral Tools—Set of 3 small, $1.50; large, 1.00.

Glazier Points—Van Reyper's Perfection, 75c per 1000; postpaid...

Gloves—Ladies' Chanel, pair...

" " " Gardener's (men's)

" " " Thrashing

Grafting Wax—1 lb. package 15c; 3 lb. package, 35c. Each, 15c.

Garden Lines—Of the best material, each...

" " " Reels—Iron, plain, with stake...

Grass Hooks, English—Two 50c and...

Hoes—Dutch Pennei, 4 inch, each; 5 in., 50c; 6 inch, 60c; 7 inch, 85c; 8 inch, 70c.

Hoe Rubber—In 25 and 30 ft. lengths only; double, high grade, 10c; best quality, per ft., 6 c; 15c; 1 in.; 2 in.; 20c, good quality, per ft., 1 in., 2 in., 1c. Each...

" " " Nozzles—Brass, with spray and stream tip, 5.

" " " Nozzles—Spray and stream, 7.

Mower—Each...

" " " Reels—Holding 100 feet 3.50.

Myacinth Glasses—In assorted colors, plain blue, green, wine and amber, flat or Vye pattern, each 10c; per doz 50c; tall, each 10c; per doz 1.00; fancy...

Iron Lawn Rollers—Each...

Knife—Scythe, imported best Sheffield, 1.00.

" " " Budding, iron handle...

" " " Pruning, crook blade...

Lables—Wood, for pots, plain, 4 in., per 100...

" " " Wood, for pots, painted, 4 in., per 100...

" " " Wood, plain, 5 in., per 1000...

" " " Wood, painted, 5 in., per 1000...

" " " Wood, for pots, painted, 3 in., per 1000...

" " " Wood, for pots, painted, 2 in., per 1000...

" " " Wood, for pots, painted, 1 in., per 1000...

" " " Wood, for pots, painted, 3/4 in., per 1000...

" " " Wood, for pots, painted, 1/2 in., per 1000...

" " " Wood, for pots, painted, 1/4 in., per 1000...

" " " Wood, for pots, painted, 1/8 in., per 1000...

" " " Wood, for pots, painted, 1/16 in., per 1000...

" " " Wood, for pots, painted, 1/32 in., per 1000...

" " " Wood, for pots, painted, 1/64 in., per 1000...

" " " Wood, for pots, painted, 1/128 in., per 1000...

" " " Wood, for pots, painted, 1/256 in., per 1000...

Lawn Sprinklers—1 gal., revolving, each...

" " " Champion, to stick in ground...

" " " J. L. Smith, 3 gal.

" " " for end of hose, brass, 1 foot, each...

Mats—Archangel, 4x8 feet each...

Needles—For sewing grain bags, each...

Netting—For the prevention of birds destroying fruit of all kinds, 20x15 feet, 1 in. mesh. Per lb...

Peat—English, imported per bush...

" " " Fibrous, for Orchards, per bush 1.00

Plant Stakes—Painted green, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc. Per doz 18 in., 25c; 24 in., 30c; 30 in., 40c; 35 in., 50c; 40 in., 60c; 45 in., 75c; 50 in., 90c; 55 in., 1.00 each; 60 in., 1.50 each...

" " " Heavy for lilacs, each 3 ft., 10c; 4 ft., 25c; 5 ft., 50c; 6 ft., 75c; 7 ft., 1.00 each.

Plant Stakes—Bamboo or Cane—4 to 7 feet long, per 100...

Pencil, Wolf's Indelible...

Powder Duster—Fin, perforated bottom...

" " " Gun, round tin, each...

Rakes—Daisy, for cleaning lawns, 16 teeth, $1.75; 18 teeth, $2.20; 20 teeth, $2.50; 22 teeth, $3.00...

" " " Garden, maltese iron, no handles...

" " " Stock, 16 teeth; 18 teeth, 35c; 14 teeth...

" " " Garden, steel, with handles, 60c to...

" " " Lawn, steel, each...

Roffia—The best tying material for plants, etc., 13 lbs for $2.50; per lb, postpaid...

Scollay Putty Distributor—For applying liquid putty, price $1.00 and...

" " " Syenes—English...

Sythe Stones...

Saws—Heavy, for pruning, each...

Sprinklers, The Goldman Plant—postpaid, each...

Sprinkler, Scott's Rubber—By mail, lance $1.25; medium, $1.00; small...

" " " French Secateurs...

" " " Flower gatherers, silver plated...

" " " Grape Thinning...

Shears—Hedge or Lawn, best imported, 8 in., 2.25...

" " " Ladies', for light work, durable...

" " " For Lawns, each...

Shears—English Lawn, made of the best English steel, for trimming borders and corners around bushes, shrubs and walks, each...

Syringes, English Brass—The finest goods in the market.

" " " Ladies', 14x1 in, bared, 1 rose...

" " " Ladies', 16x1 in, Cooper's patent protector, 1 rose...

" " " Garden, Black-steel, pointed...

" " " Greenhouse, heavy, 2 roses, each...

" " " Greenhouse, heavy, 2 roses and 1 jet...

" " " Greenhouse, heavy, 1 jet...

" " " Light brass, 16x1 in, Canadian make, each...

Thermometers, of glass, 30c each; of wood...

" " " Brass flanged, 10c...

" " " All glass, floating...

" " " Japanned case...

Trowels, Garden—In 25, 7...

" " " Cans—each...

" " " Thermometers, Japanned, each...

" " " Cooper's, each...

" " " Transplanter, The Avery—Price, small single hand size, 50c, large hand size...

" " " Tool scraper—For removing old bark...

" " " Pruners—Waters 6 feet, $1.00; 8 feet...

" " " Watering Cans—For greenhouse or indoors with movable brass rose in three sizes, holding about 1, 2 or 3 gallons; sold at...

" " " Verbena Pins—Per box of 1 gross...

" " " Wheelbarrows—Light, $3.00; heavier...

FLORISTS' SUNDRIES

Pot Covers, imitation leather, handsome style, for 7 in. pot, each 5c; per doz ...

" " " Sexagen, fancy, for 7 in. pot, each 40c; per doz 1.00

" " " Gilt, fancy, round, for 5 in. pot, each 30c; doz 2.75

" " " Gilt, very neat, for 7 in pot, each 35c; per doz 3.50

" " " Tin Foil, in long strips, 5 in. wide, for...

" " " Tooth Picks, 10c per box; 3 boxes for...

" " " Match Sticks, per bundle...

" " " Sphagnum Moss, per bale...

Wire, annealed, (prices subject to change) No. 24 per lb, 25c; 10 lbs., 1.00; 50 lbs., 4.50; 100 lbs., 7.25; 250 lbs., 11.50; No. 30, per lb, 35c; 10 lbs., 3.50.

BOUQUET PAPERS

4 in., per doz...

5 in., per doz...

6 in., per doz...

7 in., per doz...
PLANT PROTECTING CLOTH

Or Waterproof Fibre, specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frost, covering hotbeds and frames in spring, in lieu of glass (after excessive freezing weather is over) and for throwing over bedding plants at night, at 25-keth the cost of glass. (Samples mailed on application."

Heavy Grades—Per yard
14 in., 1 lb. piece of about
50 sq. yds., 14c per yard.

Medium Grade—Best for
general use, Per yard, 13c;
by the piece of 50 yards,
12c per yard.

The Gibbs' Lawn Rake—A splendid article for taking up dead leaves or grass on lawns after being cut with a lawn mower or scythe. Price $1.

SCOLLAY
Rubber Plant Sprinkler
No. 1. $1.25
No. 2. 1.25
No. 3. 1.00
No. 4. 75c

SEED POTATO KNIFE—Price 35c, postpaid.

WIRE FLOWER STANDS
These we carry in stock of various shapes and sizes, 30 inches in diameter, $3.50; 36 inches in diameter, $4.00 each; 42 inches in diameter, $4.50 each.

LAWN ROLLERS
Wrought iron, Garden, Lawn and Field Rollers
These rollers are all made of the best wrought iron. Weight 50 lbs. Each $5.00.

EUREKA FUMIGATOR
(Galvanized)
12 inches diameter, at top 5 inches; holds one-half peck of tobacco stems.

PRICE:
1st size
2nd
3rd
4th

EUREKA FUMIGATOR
(Galvanized)

WOODASON'S PATENT INSECT EXTERMINATOR BELLWS
Blows Paris Green, Hellebore, Dalmation Insect Powder, Sulphur, Slack Lime, Slug Shot, etc., etc.
These Liquid and Powder Sprayers have carried off First Prize wherever exhibited.

Patent Double Cone Bellows, $4.00.
Large Single Cone D. 1. 50 cts., $2.00.
Liquid Spraying Bellows, $3.00.
Small Single Cone Insect Powder Bellows for house use, $1.75.

Swell Bellows (Style No. A) for the greenhouse and small farms, $4.00. Large Bellows (Style No. B) for the vineyard, to be strapped to the body, $7.00.

FIBRE ROLLING STANDS FOR HEAVY PLANTS
Platforms are indurated fibrewire; will not soak or rust; casters have ball bearings. 13 in.
3 casters, each 90 cts.; 17 in., 4 casters, each $1.25.
21 in., 6 casters, $1.50 each.

FLOWER VASES
IRON AND TERRA COTTA
Varying in price from $3.00 to $60.00.
Write for description.

JOOSTEN'S MAGAZINE BELLCWS
**BINDER TWINE—PRICES ON APPLICATION**

### SEED Sowers

**Cahoon’s Patent Broadcast**

Will sow perfectly Wheat, Oats, Peas, Barley, Flax, Buckwheat, Grass Seed, etc. This machine, at a common walking gait, tows from 4 to 8 acres per hour. A saving of four-fifths of the labor and one third of the seed used in hand sowing is effected by using this machine. A person entirely unversed in sowing by hand can use this Broadcast Sower with perfect success. It is substantially built, and with ordinary care, will last many years, and save its cost in less time than any other farm implement yet introduced. Directions for using and gauging are furnished with each machine. Price $4.

### The Cyclone Seed Sower

**FIRST-CLASS HIGH GRADE MACHINE**

**Geared (see cut)—A machine for sowing broadcast all kinds of grass seeds and grain. It is suspended by a strap over the shoulder, hanging in the most convenient manner, connected with a crank. The machine is light (weighing less than four pounds), yet strong and durable. The gear, wheels and feed-plate are of the highest quality of hardened grey iron. The encircling frame is made of bessemer steel; the distributor is firmly made of best quality of tin. The hopper is large, holding about three-fourths of a bushel, and made from heavy plate, ducking, securely fastened to machine with three-fourths, especially manufactured for this purpose. The timber is well seasoned and of best quality, principally poplar. The Mills’ Sower covers, timothy, wheat, oats, rye, buckwheat, hangar, redtop, turnip, millet, corn, cotton and all other grains, and seeds perfectly even and any desired amount per acre, and from thirty to sixty acres a day. It does not require a seed to be cleaned, and will sow orchard and blue grass. Full instructions and directions on every machine.**

Geared, price $5.00, postpaid $5.50.

### Improved Horse Turnip Seed Drill

This drill is claimed to be the best Horse Seed Drill in the market. The rollers are made of cast iron, and hollowed to the rows. They slide along the axle and will adjust themselves to any inequalities in the width of rows. **Price $13.00.**

### GARDEN AND FARM IMPLEMENTS

**Grass Scythes, Rivel.** Each back and others 75 to $1.40

**Cradle Scythes, all kinds and lengths.** 1 to 1.40

**Grain Graders, all kinds.** $1.50

**Scythe Stones.** 10 to 15

**Sycro Nearth.** 15 to 25

**Hay Rakes, wire bow and wooden bow.** 10 to 25

**Hay Forks, 10 to 20.** 3 prong, $0.80 to $1.20

**Straw Forks, 3 prong.** 100 to 1.50

**Barley Forks.** 1 to 1.25

**Manure Forks.** 4 prong, $0.80 to $1.20

**Manure Forks.** 1 to 1.25

**Draining Spades.** 18, 20 and 22 inch. Each $2.50

### EARTHEWARE

<table>
<thead>
<tr>
<th>Item</th>
<th>Size</th>
<th>Inches</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flower Pots</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saucers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tree Pots</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Round Seed Pans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hanging Baskets</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Special prices on application for larger quantities.
The "IRON AGE" WHEEL HOES AND DRILLS for Field and Garden Work.

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words, they are all right and up to date. They are equipped with high, steel wheels, very angular frame, connected to available iron castings—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" SEED DRILL
Price, $7.50.

Perfect Index; Instantaneous Cut off; Adjustable Marker; Broad Wheel; Steel Opening Flap; Adjustable Handles.

Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a round-shaped opening, passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair breadth variation between a vital point, n a perfect seed drill.

As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to it always.

The seeds are laid in the drill and placed in order as they are picked up, the index being adjusted to the size of each. The seeds can therefore be instantly and accurately placed in the drill, the seeds being dropped into a revolving bush which makes it a sure feed and sows absolutely all of the seed accurately, and without injury.

The distance of spacing the seed can be instantly changed by simply varying the number of pins in the outside circle of holes of the "Pin Wheel." By using only one pin (stationary) the seed will be spaced 24 inches; two pins, 12 inches; three pins, 8 inches; four pins, 6 inches; six pins, 4 inches. We wish to emphasize the great simplicity of the adjustment as it overcomes a very radical objection to similar tools of having numerous cast wheels to change.

The amount of seed can be minutely adjusted by our patented cam index. The Coverers are firmly held in place by a spring thus avoiding all danger of not covering. The wheel rises and packs the soil. The flow of seed can be instantly stopped or started by a convenient finger latch on the handle. Price $11.00.

No. 15 "IRON AGE" Combined Single Wheel Hoe, Hill and Drill Seeder.

Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage is given to a separate Single Wheel Hoe or Seed Drill. As such they are, in themselves, complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.

It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hoes, it hoists, it cultivates.

The Wheel is made of steel, 16 in., high; the frame of pipe, coupled to malleable castings; therefore light (runs easy) strong and durable.

Price $10.50.

No. 17 "IRON AGE" Combined Single Wheel and Drill Seeder.

Combined in this tool we offer the best Row Drill and Single Wheel Hoe ever offered the public. In combining these tools not a single advantage of a separate Single Wheel Hoe or Row Drill is lost. As each one in itself is a perfect tool, it can be changed from one form to the other almost instantly, completely filling every desire both as to method of handling seed and soil.

It places the seed in drills, it plows, it rakes, it opens furrows, it covers, it hoes, it hoists, it cultivates.

The Wheel is made of steel, 16 in., high, the frame of pipe, coupled to malleable castings, therefore light (runs easy) strong and durable.

Price $9.50.

No. 4 "IRON AGE" Combined Double Wheel Hoe and Drill Seeder.

Combined in this tool is a Seed Drill, a Double Wheel Hoe and Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed Drill, this tool sows a seed in drill with perfect accuracy and all the seeds varying in size from corn to corn, easily and quickly adjusted to every particular.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the slide and hopping it to the frame, Coverers, wheel, etc. Loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16 in. high. The frame of pipe, coupled to malleable castings. The tool is therefore very light as well as strong; runs easily.

Price $10.00.

No. 5, Iron Age Drill Seeder, the foregoing implement as a Seed Drill only, $7.50.

No. 6 "IRON AGE" Combined Double Wheel Hoe, Hill and Drill Seeder.

As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, at once has the most complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, in less than this combined machine four different tools: A Hill Driller, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. Price $11.50.

No. 7, Iron Age Hill and Drill Seeder.

The foregoing implement plus a Hill and Drill Seeder only. Price $8.50.
No. 9 "IRON AGE"  
Single Wheel Hoe, Cultivator, Rake and Plow Combined

This tool, in regard to the work done, is almost the counterpart of the Double Wheel Hoe.

In addition its lower price, less weight and increased steadiness given by a single wheel, make strong arguments in favor of this tool. For the small kitchen garden we consider the Single Wheel Hoe, with these points of merit, as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

With this single wheel tool, spaces of exceedingly narrow width can be worked even if but one cultivator tool. With the large plow attachment, deep furrows can be opened or closed; potatoes, celery and other crops hilled—in short, all work usually accomplished by a special plow.

Price complete, $5.50.

Weeder Attachment for this tool similar to one shown on the Double Wheel Hoe, $1.00 extra.

No. 11 "IRON AGE"  
WHEEL PLOW

Price, $2.50

Packed Weight 15 lbs.

No. 12 "IRON AGE" WHEEL PLOW AND CULTIVATOR

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be done in a small kitchen garden—plowing, hoeing, covering, hoeing, raking and cultivating. This tool is emphatically the friend of the laborer or mechanic who can afford only to invest a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work. Price, $3.50.

No. 20 "IRON AGE" SINGLE WHEEL HOE

The No. 20 Iron Age Single Wheel Hoe is the wheel hoe form of both the Nos. 15 and 17 Combined Single Wheel Hoes and Seed Drill. Although being described with the view of being able at any time in the future to add a Seed Drill Attachment, it is the most complete Single Wheel Hoe ever offered.

The wheel is 16 inch high, and has a broad faced tine, 11 inch wide. The frame is made of pipe, coupled to a mallable casting to which is attached the working tool and handles.

A pair of side hoes, three cultivator blades and a band of steel, one pair of rakes and a landside plow is furnished with the tool at the price, $6.00.

No. 1 "IRON AGE"  
Double Wheel Hoe, Cultivator, Rake and Plow Combined

At a glance one can see the great usefulness of this tool. The garden or farm is incom-ple without at least one of these tools. In cultivating onions, beets, turnips, rutabages, etc., it is invaluable—spares hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to mallable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price. Price complete, $8.00.

Weeder Attachment, 31c extra.

Landside Plow Attachment, $1.00 extra.

Single Tooth Attachment, 75c. extra.

No. 3 "IRON AGE"  
Plain Double Wheel Hoe with Side Hoes only.

In order to accommodate those who have only use for the Wheel Hoe for hoeing we offer the machine described above with sides hoes only. This implement may be used as a Double or as a Single Wheel Hoe. The illustration shows it adjusted as a Plain Double Wheel Hoe. Price, $4.50.

"Jadoo" FIBRE

A new material in which every plant thrives without earth.

A great boon to growers of flowers, vegetables, plants, tapers, bulbs or seeds. Success made easy and sure with the finest and most difficult Greenhouse Seed, such as Primula, Ginnias, Calceolarias, Double Pansies, etc. The most difficult plants and bulbs to grow (which are very often the most beautiful of all) will grow, thrive and bloom in "Jadoo" with ease and great rapidity. The most water blooming partial to "Jadoo" will flourish very much larger and better, while the material is cleaner, more pleasant and lighter than soil.

Price of "Jadoo" Fibre by Freight or Express at Buyer's Expense—100 lbs., $3.00; 25 lbs., $1.00; 10 lbs., 50c.; 5 lbs., 30c.

CONCENTRATED "Jadoo" LIQUID

Both Meat and Drink to Plants

Is simply invaluable in Pot Culture, and is the cheapest Fertilizer sold. Both meat and drink to plants. Revives drooping plants, strengthens the weak and restores any that are suffering from lack of water. It causes greater production of bloom, and heightens the colors of all flowers and plants. It can be used on flowers and plants that are grown in earth or "Jadoo" Fibre.

Price of "Jadoo" Liquid, by freight or express, at buyer's Expense—2 lbs. in a bottle, 25c.; 1 gallon, $1; 5 gallons in a jocketed can, $3.75.

Mix with the "Jadoo" Liquid before using, forty-eight parts water to one part Liquid. This will not only be found useful for plants grown in "Jadoo" Fibre, but also for watering plants in earth. It is the Cheapest Fertilizer that can be bought.
No. 22 "Iron Age" Fertilizer Distributor, Hill and Drill Seeder

This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. Price, $16.00.

"Gem" Double and Single Wheel Hoe Combined, $6.00

This has in addition to the Single Wheel Hoe the Double Wheel Attachment and two extra steel blades, which we furnish with the above, as including all parts shown in the engraving. The Double Wheel Attachment, with these extra blades, is of great service, working both sides of the rows among young plants. Price, $6.00.

"Jewel" Single Wheel Hoe
Cultivator and Plow Combined, $4.50.

Like the Double Wheel "Jewel," this tool is constructed entirely of malleable iron and steel, with exception of wheel and handle. As plainly shown by the cut, it is capable of several combinations, a simple, very easy working scuffle hoe, with hoe 6 to 9 inches in length; as a cultivator, with four steel teeth; or as a large-sized Wheel Plow. The "Jewel" is adjustable in every way, thoroughly well made and finished, and is, we believe, the lightest and strongest of its kind made. Price, complete, $4.50.

"Iron Age" Combined Harrow and Cultivator, Steel Diamond Teeth

Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged on one end—soil, of course. For very close work, every other tooth can be very quickly removed. We also have, as an attachment, a wide, flat, sweep a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass.

With lever expander and wheel. $7.50
Sweep Attachment 1.25 extra.

"We are sole agents for these goods and carry a large stock, thus enabling us to fill orders at the shortest possible notice.

No. 23 "Iron Age" Fertilizer Distributor as a Side Dresser

Price, $13.00

The side or top dressing of growing crops has become a practice of great importance, and in fact, of absolute necessity to produce a quick thrifty growth of growing plants.

The fertilizer is placed in the hopper which holds over four quarts, and when fed out is divided in two streams and the two delivery tubes carry the fertilizer into the light furrows made by the opening plows.

All gardeners will appreciate the great advantage of applying quick acting fertilizers to the growing plants, but at the same time realize the difficulty in doing so without such a tool as described above. Price $13.00

A Seed Drill Attachment may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 inches apart, at the same time the fertilizer is distributed. Price $4.00.

"Iron Age" Horse Cultivators

"Iron Age" Horse Hoe and Cultivator Combined, with Wheel and Levers. Price, $9.00.

As made at present there is no Cultivator in use so completely adapted to the various needs of the farmer, particularly the "Iron Age" Hoe. With seven narrow teeth, it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustment or Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool.

Price—Complete as in illustration with mould boards, scuffle, teeth, wheel and levers $9.00

The "PLANET JR" Garden Implements

Descriptive and Illustrated Planet Jr. Catalogue sent on Application.

We can supply a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when requesting repairs or parts.

"Planet Jr." No. 1—Combined Drill, Cultivator, Rake and Plow $10.75

" Planet Jr." No. 2—Seed Drill, plain 8.00
" No. 3—Hill and Drill Seeder, Single Wheel 11.50
" No. 4—Hill and Drill Seeder, Hoe, Cultivator, etc 12.50
" No. 4a—Same tool as a Hill and Drill Seeder only 9.25
" No. 5—Hill and Drill Seeder, Single Wheel 14.50
" No. 25—Hill and Drill Seeder and Double Wheel Hoe combined 14.50
" No. 11—Double Wheel Hoe, Cultivator, Rake and Plow 9.50
" No. 12—Double Wheel Hoe, Cultivator and Plow 7.60
" No. 13—Double Wheel Hoe, Plain 5.25
" No. 15—Single Wheel Hoe, Cultivator and Plow 7.50
" No. 16—Single Wheel Hoe, Cultivator, Rake and Plow 8.25
" No. 17—Single Wheel Hoe, Cultivator and Plow 5.50
" No. 18—Single Wheel Hoe, Plain 4.00
" "Fire-Fly." No. 19—Garden Hand Plow 2.75
" "Planet Jr." No. 20—Grass Edger, heavy 8.75
CYCLONE SPRAYER AND ATOMIZER

For Spraying Coal Oil in Poultry House

Price
Made of tin, 90c., by mail, postpaid, $1.15.
With galvanized iron reservoir, $1.00; by
mail, postpaid, $1.25.
All copper, $1.50; by mail, postpaid, $1.75.

SPRAMOTOR

SPRAMOTOR JR., SPRAYING AND PAINTING MACHINE

Will white-wash your buildings or chicken coops, do the
spraying. It is a thoroughly good and useful article, and so
far as its capacity extends will give as good results as the more
expensive outfit.

Price complete, with 3 feet 3ply hose and Spramotor,
painting and spraying nozzle, $6.00.

Five gallons heavy galvanized can, extra, $1.50.

GALVANIZED POULTRY FOUNTS

These fountains are made of galvanized metal; they are easily cleaned, not
injured by freezing; water can be kept constantly fresh.

Price—No. 1, holds 2 qts, 40c each. No. 2, holds 4 qts, 50c each.

POULTRY CAPONIZERS

Set of instruments complete, with instructions, $2.50. In velvet-lined

Philadelphia Gap Worm Extractor—Price complete, 30c.

Roup Syringes—This is one of the best cures for Roup and similar
diseases to which poultry are so liable. Postpaid, with instructions, 15c each.

FRENCH POULTRY KILLING KNIFE—Sent postpaid on receipt of
50c. Sent securely packed by mail on receipt of
spring and cutter, nicely nickel plated. Made in two sizes.
Sent postpaid on receipt of
price. 50c each.

EGG TESTER—The best on
the market, 85c.

THE "TORONTO" INCUBATOR

Best machine manufactured for hatching chickens, ducks, turkeys, or
gese. No incubator has as good a record in the hands of Canadian
customers; we have numerous testimonials of hatchings ranging
from 90 to 100 per cent of the fertile eggs. These machines have
won two silver medals, a bronze medal, and two diplomas at
Toronto Industrial Exhibition, defeating all competitors.

Price
61-egg...$15 00
19-egg....20 00
23-egg...30 00
30-egg...38 00

MANN'S GREEN BONE CUTTERS

Capacity, 10 to 20 lbs per hour.

Many improvements have been added lately. They now feed automatically, both hands are free to operate, and they cannot clog or run
hard. It is a perfect small bone cutter, and has no equal for the price. To insure best results get the balance wheel. It is well worth
more than the difference in price. These machines are very popular with owners of small flocks. They require so little strength
that an eight-year-old boy or a woman can run them. The iron stand is a great convenience, as it requires neither time nor expense to set
it up.

No. 1 C. Weight 30lbs. Price, $7.50.
No. 1 B. Weight 55lbs. Price, $9.50.

THE NEW No. 4 B

The most perfect Bone Cutter ever made.

Price, New No. 4 B, without legs, $14.00.
Price, with legs, $17.00.

Mounted on stand it is 44 inches high.

It surpasses all others in ease and rapid cutting. It feeds automatically, leaves both
hands free to operate, and cannot run hard or clog. The handle has been greatly enlarged,
and bones do not have to be cut on small as before. The feed screw is larger, with a
square, coarse thread which will not break, wear out or crush down. The cutter plate has
been enlarged, has six exquisitely finished steel knives in place of three, with a rim to guard
the gears, which prevents the bone or meat getting into them and clogging. All are
strongly built, and will not break or wear out.

"You can buy cheaper Bone Cutters,
but compared with ours, no other
Bone Cutter is cheaper at any price.

Mann's New Double Hand Bone Cutter No. 8
Remodeled and Improved
Price, $25.00.

Capacity 3 lb to 1 lb per minute.

This machine is adapted for poultry
raisers who have a large number
hens, and so-one one, either boy or hired
man, to help them turn. It is a single
machine as the single hand, with wheel and gear added. Some purchasers, how-
ever, of this Double Hand Bone Cutter have
given direct testimonials that it is
better than the Single Hand Machine,
even for one per-on to use.

The advantage of two wheels over
one are evident to the most
observer. The ability of two opera-
tors to maintain with ease its action of
operation, assures a sufficient product
and gives to its owner almost
equal advantages as those who own
a power plant. Price $25.00.

MANN'S BONE CUTTER No. 2

Same as No. 8, but with only one
Balance Wheel.

Price, $21.00.

MANN'S CLOVER CUTTER

Made entirely of iron and steel.
Price, with balance wheel, $10.00, with
balance wheel and stand, $12.00.

FAMILY CRYST MILL No. 0

This mill is especially made for grinding
Grain, Grist, or corn meal for table use. It
can also be adjusted for cracking the grain
if desired. It is a valuable machine to have in
the kitchen, as you can have fresh Graham or
corn meal when wanted. The grinding sur-
faces are of very hard material, especially made
for this purpose. Weights 30 lbs. Price (without
legs), $8.00. Price (with legs), $7.00.
For Chickens, Turkeys, Ducks, Geese and Pigeons

We guarantee our Poultry Pan-a-cea to  
cure Gapes, Cholera and Roup, after they have been  
ows established in the flock. It is an  
egg producer by its invigorating effect upon  
the organs, thereby enabling them to approp-  
riate food, and aiding in the production of  
eggs.

For rapid healthy growth of young fowls,  
for development of bone, muscle and feather-  
for, for indigestion, diarrhoea, leg weakness,  
and kindred diseases, our Poultry Pan-a-  
cea is superior to any other preparation and  
every article of food as a preventative of con-  
tagious diseases.

Price—For 1 oz. package……………………………………… 35c. by mail 45c.  
5 lb. “…………………………………………………………… 35c. “ 1.10.

DR. HESS' PRACTICAL POINTS—A complete veterinary work for  
Farmers, Horsemen, Dairymen, Poultrymen. Mail free on application.

Dr. Hess’ Stock Food  
It is a scientific compound . . .  
For Horses, Cows, Hogs and Sheep

It stimulates the appetite and improves indigestion. It cures epizooty,  
coughs, diarrhea, dropsy and all blood disorders. It gives life, vigor and  
energy, removes worms, and is a wonderful flesh producer. It also prevents  
hoof chilcers. For catts, so common to sheep and lambs, it is a positive cure.

Price—1 lb. bag …… $1.00
7 lb. bag …… 0.65

INSTANT LOUSE-KILLER KILLS LICE
Put up in powder form. Very convenient and lasting. An excellent disinfectant  
and purifier for barns and outhouses.

Price—1 lb. package 35c. by mail 45c.

Pratt's  
Poultry Food
Absolutely pure and free  
from poisons and all other  
and infectious ingredients.

Package containing 8  
10 oz. cans, postpaid 18c.;  
26 oz. cans, or 50c. postpaid;  
9 lb. pkg. 75c.,  
25 lb. bag $2.00 by express.

Pratt's Animal  
Regulator

RUSTED BASKET

Spratts Patent  
Poultry Meal

The Cheapest and Best in the Market  
As an egg producer this food has no  
equal. It carries the bird from egg  
to exhibition pen without a check and  
has probably more prize-winners in it  
without cost and gain in credit than all other foods combined.

It is neither a medicine nor a  
condiment, but a specially prepared food,  
containing all ingredients necessary to  
develop and bring to the highest state of  
perfection the points in each individ-  
al and breed. It is thoroughly  
extruded, easily digested, and is the result of  
three years' experience and experi-  
ement.

NEST EGGS—China 20c. doz.  
Porcelain, unglazed, these  
are the best, 30c. doz.

Sheridan's Condition Powder
It is absolutely pure and highly concentrated. Strictly a medicine, it  
should be given in the food in small doses once daily. Prevents and cures  
all diseases of hens. Very valuable when they are moulting, as it keeps  
them perfectly healthy.
Price—Small package, 25c.; 2 lb. package, $1.00,  
postpaid $1.35.

Lambert's Death to Lice
A cheap and effective remedy for all kinds of poultry vermin, contemptible  
lice on sheep, mites on dogs, ticks on sheep, moths, bed or water bugs,  
roaches, etc. You can set hens in the same nest all summer if you dust them  
throughly with “Lambert's Death to Lice.” Don't wait  
until the chickens droop and die before you use it on them in their  
coops.

Prices—5 oz. 10c. postpaid 15c. 15 oz. box 25c.  
postpaid 40c. 3 lb box 60c. postpaid $1.10.  
100 oz box $1.25, carriage extra.

DEATH TO LICE OINTMENT
Especially for Head Lice on Chickens. Price per box 15c and 25c.

Lee's Liquid Lice Killer—For Poultry and Hogs  
Saves labor, saves expense, saves time, and saves the fowls and hogs.  
Where freedom from vermin means hours spent in dusting, dipping, or  
greasining, fowls and animals on the average farm and poultry-ranch are  
protected by Lee's Liquid Lice Killer in 1 lb. boxes at 30c. postpaid and  
for use. Per quart tin 35c, postpaid 75c.; 1 gal. 65c., 1 gal. $1.00, 5 gal. $4.00.

CONKEY'S ROUP CURE
Guaranteed to give best results, for Roup or Caustic, a good preventative  
and positive cure. Price 50c.

BOWKER'S ANIMAL MEAL
An egg producer. 5 lb. pkg 25c, 25 lb. bag for $1.15, 50 lb. bag for $2.15.  
100 lb. bag for $4.00.

HERBAEGUM POULTRY SPICE
Is unsurpassed in general excellence, cheapness and efficiency for egg  
production in summer or winter. For the raising of turkey and all other  
chicks, and for fattening up of poultry.

HERBAEGUM CATTLE SPICE
This preparation contains true essence of milk, flesh, butter and cheese.  
It does not contain any arsenical antimony, antimony, copper,  
salt peter, resin, or any other substance not safe to feed every day.  
Full directions for feeding on every package. Per 1 lb. pkg 60c.  
100 lbs $12.00.

CRUSHED OYSTER SHELLS
A most important article for the poultry yard through the winter, and  
should be liberally supplied to the fowls. In summer when left to run at  
large, they have found their own shell-making material, but in winter they  
must be helped out if eggs are wanted. 5 lbs 10c, 20 lbs 20c, 100 lbs 75c.

GRANULATED POULTRY BONE
5 lbs 20c, 10 lbs 30c, 20 lbs $2.00, 200 lbs $3.75.

MICA CRYSTAL GRIT
To aid digestion, it is necessary to feed some gritty material. Mica  
Crystal Grit supplies this want better than any other article ever known.
Price, 5 lbs 10c, 10 lbs 15c, 20 lbs 25c, 25 lbs 30c, 100 lbs 50c.

CLOVER MEAL
Far superior to cut clover from the fact that there is no waste and  
every particle is rendered digestible. Price, 5 lbs 20c, 10 lbs 30c, 25 lbs 60c,  
50 lbs $1.00, 100 lbs $2.00.

CUT CLOVER HAY
A rich valuable food. 5 lbs 20c, 10 lbs 30c, 25 lbs 60c, 50 lbs $1.00,  
100 lbs $2.00.

$1.25 COLLECTION OF POULTRY SUPPLIES FOR $1.25
TO FILL THE EGG BASKET

-must list ingredients-

5 lbs. Crushed Oyster Shells $10
5 lbs. Mica Crystal Grit 10
5 lbs. Spratt's Food for Poultry 25
5 lbs. Granulated Bone 15
3 lbs. Clover Meal 10
5 lbs. China Nest Eggs 10
1 1/2 oz. Spratt's Patent Porcelain Beans and Lace 5
1 1/2 oz. Dr. Hess' Pan-a-cea 5

Total $1 25

POULTRY BOOKS

-put in list of titles-

Egg Farm, new, revised and enlarged. H. H. Stoddard $1.00
Poultry Houses, Low Cost. Darrow 95
Poultry Keeper, Practical. L. Wright 25
Pigeon Keeper, Practical. L. Wright 10
Poultry Craft, J. H. Robinson 20
Farm Culture, J. Pitch 5
Poultry Keeper, Profitable. Beau, and Wild 1.25
Turkeys, How to Grow Them. Herbert Myrick 1.00
**BEE KEEPERS' SUPPLIES**

**SECTION HONEY BOXES**

We handle only first-class, polished on both sides, slotted on top and bottom, one piece or four pieces, state which you need. Size 4 (11/11, 11 7/10 foot, 13). State size required, otherwise 11 will be sent. Per 100, 50c; 500, $1.75; 1,000, $3.50. 2,000, $6.75. 20,000, $50.00 per 100 extra. One piece split top sections, 100c per 100, or 50c per 1,000 extra.

**FEEDERS**

The Miller—Designed to place inside of a super, or in the upper story on top of the brood frames. Each 50c; per doz $3.00.

**SIMPLICITY FEEDER**—6c each; 25c per 10.

**Bee Veils**—30c.

**COMB HONEY GRATES**

They are glassed on one side only.

(1x1), In flat, flat, flat.—per 10 25 100 Price, 12 three section fronts: $1.20 $2.50 $9.00 19 Glass included.

**THE KRETCHNIER** SECTION FOLDER

Just the thing to put one piece sections together. Each 50c.

**THE PORTER** BEE ESCAPE

Put in a board, which is placed between the body of the hive and super you, 50c in the flat, 25c in the lot of 10 at 50c; in the flat, in lots of 100 at 25c. 100c, in the flat, in lots of 5 at 25c.

**EXTRACTING**

For superstay hives, 100c per 10.

**HIVE PARTS**

Hive Covers, sheet iron with wood rims and latches, made up, 25c; in lots of 5 in the flat $1.25. Hive Bottoms, each, made up, 25c; in lots of 5 in the flat $1.00.

**Comb Honey Super** for dovelast hive, made up complete 50c; in the flat, single, 40c; in the flat, 50c, per 100.

**Section Holders** for comb honey supers, 15c per 100.

**Wood Separators**, 50c per 100.

**Self-Slashing Brood Frames**, made up $3.00 per 100; in the flat, in lots of 10 at 50c; in the flat, in lots of 100 at 25c. Extracting Super for dovelast hives with frames and followers, each made up 75c, in the flat, 7c; in the flat, in lots of 5 $8.25.

**SUGGESTIONS**

Carriage paid by customers except where noted. SPRATS PATENT. SPRATS DOG CAKES

<table>
<thead>
<tr>
<th>Patent Meat &quot;Fibrine&quot;</th>
<th>Vegetable Dog Cakes</th>
<th>(with Beetroot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1.25</td>
<td>$3.00</td>
<td>$7.00</td>
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<td>$1.50</td>
<td>$4.50</td>
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</table>

**Patent Charcoal Dog Cakes**—Per $1.25. Oatmeal Plain Round Dog Cakes—Per 100 lbs $10.00.

**Patent Grealyhound Meat**—"Fibrine" Dog Cakes—(with Beetroot) Per $1.00.

<table>
<thead>
<tr>
<th>10 lbs</th>
<th>25 lbs</th>
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<tr>
<td>$3.50</td>
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<table>
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<th>50 lbs</th>
<th>100 lbs</th>
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<td>$17.50</td>
<td>$33.00</td>
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**Orphan Puppy Food**—Per tin 3 lbs $1.15, 1 lbs 50c. Raisened Puppy Meat—Sample tin 25c, 25 lbs $12.50.

<table>
<thead>
<tr>
<th>10 lbs</th>
<th>25 lbs</th>
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<tr>
<td>$7.00</td>
<td>$14.00</td>
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</table>

**Plain Puppy Meat**—5 lbs bag 50c.

**Puppy Bone Meal**—Per tin 2 lbs 25c, 5 lbs 80c, 10 lbs 1.75c.

**Cardiac**—A tonic powder. Sample 10c, per 1lb 25c, postpaid.

<table>
<thead>
<tr>
<th>10 lbs</th>
<th>25 lbs</th>
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<tr>
<td>$7.08</td>
<td>$14.16</td>
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</table>

**Ground Beef XXX**—Per 100 lbs $3, 50 lbs $1.60, 25 lbs $1.50, 10 lbs 50c.

**Granulated Prairie Meat**—"Gristle"—Per 100 lbs $4.50, 50 lbs $1.25, 10 lbs 50c.

**Piggon Food**—40 lbs $3.25, 50 lbs $1.75, 100 lbs 3.50.

**Fish Meal**—Per 100 lbs $1.35, 25 lbs $2.75.

**Imported Dog Brushes, Combs and Chairs**—Price on application.

**Doggie Bedding**—Per tin 3c, 10 lbs 25c, 25 lbs 80c.

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<th>10 lbs</th>
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<th>50 lbs</th>
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**SPRATS DOG MEDICINES**


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<th>10 lbs</th>
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**Eye Drops**—Per bottle 50c, half gallon $2.00. Mange Cure—Bottle 50c, half gallon $3.50. Purgative Tablets—Per box 50c. Rheumatism and Sprain Liniment—Per bottle 50c. Tonic and Condition Tablets—Price 50c.

**COMB FOUNDATION**

The wax is tempered in nature, making it strong and durable. Price, $2.00 per lb; section foundation, 60c per lb. (Prices liable to change without notice). If wanted by mail add 10c per lb for postage.

**QUEEN AND DRONE TRAPS**

The Alley—It is placed over the entrance of the hive, the queen being captured, and thus preventing a swarm from absconding. Each 50c 10 for $4.

**QUEEN'S CAGES**

Queen Cell Protectors, each 5c; 10 for 50c. Queen's cages with feeders, each 10c; 10 for 75c.

**PERFORATED METAL**

This is used between the upper and lower story to prevent the Queen from passing up. Also used as extra guards and queen traps. Per square ft 12c.

**EXTRACTORS**

Our extractors are made of the very best material, steel frames. Give sizes of frame in ordering.

No. 1—Two frame machine $6.50.

**New Gold**—Can be made to fit any size frame, sometimes two sizes, but the size must be given when ordering. Price $7.00; four $8.00.

**Gold Reversible**—Two frame Langstroth, $18.00; four frame, $15.00.

Other sizes, prices on application.

**HONEY RUBBER GLOVES**

Honey handle and fine mirror finish. Each 1.00.

**NEW CATALOGUE**

Bee book, $1.00 per annum.

**BEE BOOKS**


**SPRATS PATENT LIMITED**

WE ARE AGENTS FOR ALL SPRATS MANUFACTURES AND SUPPLIES.

**SPRAT'S DESCRIPCITIVE CATALOGUE MAILED FREE ON APPLICATION.**

**VERMIFORM CAPSULES—Price 50c**

**VERMIFORMVIRGINIA CAPSULES—Price 50c**

**DISINFECTANT—Crude “SANTAS” Disinfecting Liquid. Per bottle 45c, half gallon $1.40.**

**THE COMMON SENSE OF DOG DOCTORING**—By Sprats Patent. 10c.

**THE COMMON SENSE OF PHEASANT ROARING**—By Sprats Patent. 10c.

**MODERN TRAINING, HANDLING AND KENNEL MANAGEMENT**—By Waters. (Illustrated). $2.00, postage 20c extra.

<table>
<thead>
<tr>
<th>My Dog and I</th>
<th>By W. H. Hunting. 50c extra.</th>
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<tbody>
<tr>
<td>Pocket Kennel Records—50c each.</td>
<td>Size 3 for 10c, doz 50c.</td>
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<tr>
<td>The Cat—By R. S. Hindekoper, a guide to classification and a short treatise on their care, etc. Cloths, $1.00.</td>
<td>Rackham's Poultry Directory—Price $1.00, postpaid.</td>
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It is adapted to all soils, and not only yields immediate results, but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Price, per lb. 10c., 10 lbs. 80c., 100 lbs. $2.25, 200 lb. sack $4.00, per ton $83.50.

Bone and Potash
Ammonia, 2 to 5%; Phosphoric acid, 9 to 10%; Potash, 6 to 8%.
These should be used in the same proportion as for potash, and should be mixed for planting with the fertilizers, as it is too expensive to use it as a separate fertilizer. Price, per lb. 10c., 10 lbs. 80c., 100 lbs. $2.25, 200 lb. sack $4.00, per ton $83.50.

Pure Bone Meal
Ammonia, 3 to 5%; Phosphoric Acid, 23 to 25%.
We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it as a manure, for all purposes. Per lb. 10c., 5 lbs. 50c., 10 lbs. 100c., 25 lbs. $2.75, 100 lbs. $2.00, 200 lbs. $3.75, per ton $83.50.

Bone Flour
Per lb. 10c., 10 lbs. 80c., 100 lbs. $2.00, 200 lbs. $3.50.

Potash Fertilizers
Excellent for Fruit Trees, Grape Vines, etc.

Beevor Brand—10 to 12% of Potash and Phosphoric Acid, and from 20 to 40% Bone Phosphate and Wood Lime. In barrels of 200 lbs. $5.00. Per ton $40.00.

Star Brand—16 to 22% of Potash and Phosphoric Acid, and from 25 to 35% of Bone Phosphate, and the same of Wood Lime. Per barrel of 200 lbs. $5.00, per ton $40.00.

DAIRY SUPPLIES

The Little Detective—Will show in less than 2 minutes whether or not water has been added to pure milk. Sold to any address, postpaid, $1.00.

Parmount Paper—For packing and preserving butter—lb. Butter—8x11, $1.50 per 1,000 sheets, 100 sheets 15c, postpaid. 2 lb. Butter, size 12x18, $2.75 per 1,000 sheets, 100 sheets 35c, postpaid. Tub size, 12x24, 75c per 100 sheets. Full sized sheets, 24x24, $1.25 per 100 sheets.

Imitation Parchment—8x11, $1.00 per 1,000 sheets.

Printing—$1.00 per 1,000 sheets extra.

Price, 50c.

Thermometers—New Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 50c.

Ordinary Float—Fried egg form...each 40c.

MILKING TUBES—For Sore and Obstructed Teats and Hard Milking Cows—Coin Silver—Pipes—Set of four tubes, 11 inch, $8.00, each 50c; special lengths, 21 inch, each 65c; 24 inch, all 200c, each 80c; 34 inches, each 95c; 31 inches, each $1.10; 41 inches, each $1.25.-By the gross, $25.

Plated Silver—From 2 to 3 inches in length—25 each, postpaid.

Butter Ladles—Factory size, each 50c; Dairy size...each 25c.

Baker Mould and Printer—Has all the advantages of the mould, and does the work equally as well. 1 lb. size, pair 75c.

Improved Daisy Barrell Churn—The Daisy Churn has become a popular favorite with the Canadian farmers generally, the large creameries and scientific butter makers in particular. It is made of the very best quality of mild oak: the contact with the cream has no dashes or breaks in it, and is the easiest churn to clean.

No. 9—Seven Gallon Churn for one cow...$3.50

No. 1—Nine Gallon Churn, churning from 1 to 4 gallons...$3.75

No. 2—Eleven Gallon Churn, churning from 1 to 7 gallons...$4.00

No. 3—Twenty Gallon Churn, churning from 1 to 9 gallons...$4.20

Steel Frame 90c extra.

Bibby's Cream's Equivalent for Calves

The above food has been before the British public for a good many years, and has met with unqualified approval on every hand. We think the time is opportune for the introduction of it into Canada.

This meal will rear calves very successfully at a small cost, and by its use we believe better and more economical results in rearing are obtainable than by any other method. We make these statements with confidence and we claim that at a very small outlay they may be obtained.

Price, per 100 lbs...

<table>
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<th>Quantity</th>
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<tr>
<td>10</td>
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<tr>
<td>50</td>
<td>$10.00</td>
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<tr>
<td>100</td>
<td>$15.00</td>
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SHEPPARD'S

ACME GELATINE

With this Ointment the afficted part can be healed without the loss of a single day's time.

2 oz box 25c, postpaid

3 oz box 50c, postpaid.
Our Peoples
18 Full Size Packets for 50c. Collection for 100c.

POST PAID, Regular Price 95c.

- **CELERY:** Simmers' Giant Pascal, 5cts. per pkt.
- **CORN:** Simmers' Evergreen, 5cts. per pkt.
- **CABBAGE:** Simmers' Early German Brunswick, 5cts. per pkt.
- **CARROT:** Simmers' Scarlet Chantenay, 5cts. per pkt.
- **MELON:** Simmers' Dominion Musk, 10cts. per pkt.
- **TOMATO:** Simmers' Imperial, 5cts. per pkt.
- **ONION:** Simmers' Large Yellow Globe Danvers, 5cts. per pkt.
- **CUCUMBER:** Simmers' Early White Queen, 6cts. per pkt.
- **BEET:** Simmers' Improved Long Green, 5cts. per pkt.
- **RADISH:** Simmers' Dark Red Flat Egyptian, 5cts. per pkt.
- **PARSNIP:** Scarlet Olive Shaped, 5cts. per pkt.
- **SQUASH:** Simmers' Hollow Crowned, 5cts. per pkt.
- **PEAS:** Simmers' Crookneck, 5cts. per pkt.
- **BEAN:** Simmers' Heroine, 5cts. per pkt.
- **LETTUCE:** Simmers Early Giant Wax or Butter, 5cts. per pkt.
- **TURNIP:** Simmers' Canadian Wonder, Green Podded, 5cts. per pkt.
- **BEAN:** Simmers' Non-Pareil Cabbage, 6cts. per pkt.
- **BEAN:** Simmers' Red Top, Strip Leaf, 5cts. per pkt.