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HOLMES' HANDBOOK OF SEEDS & EVERYTHING FOR THE GARDEN 1919

SIE PAGE 9

BOUNTIFUL BEANS
THE MOST PROFILING BEAN GROWN-ENTIRELY STRINGLESS.

HOLMES SEED COMPANY
HARRISBURG, PA
We, the Holmes Seed Co., of Harrisburg, Pa., give no warranty, express or implied, as to description, quality, purity, productiveness, or any other matter of any seeds, bulks or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

TWENTY-THREE YEARS IN BUSINESS THIS IS WHAT TALKS

SATISFACTION GUARANTEED OR YOUR MONEY BACK

All Seeds or other articles listed in this Catalog are sold
with the understanding that should they fail to please,
we will refund the price paid or duplicate your order free.

BULK SEED DISCOUNTS

On a $5 Order, Discount is 10 percent.
On a $10 Order, Discount is 12½ percent.
On a $20 Order, Discount is 15 percent.

This discount is allowed on all general orders for Flower and Vegetable Seeds in
packages, ounces, quarts, or pecks, or larger quantities, when the order is for five or more Items, BUT IS NOT ALLOWED ON AN ORDER FOR A SINGLE ITEM, NOR ON POTATOES, ONION SETS, BULBS, GRASS SEEDS AND FIELD SEEDS, SUCH AS FIELD CORN, OATS, BARLEY, WHEAT, ETC.

HOW TO BE SUCCESSFUL IN GROWING VEGETABLES FOR THE HOME GARDEN

In the past two years the public has been awakened to the fact that they are called on by the nation to grow a small garden containing the more useful vegetables for home consumption.

It is the patriotic duty of every American who has a small piece of ground or who can spare some time from a neighbor, to help the nation at this critical time, by helping himself to more of the cheaper food, by growing vegetables. Cabbage in countly districts, and potatoes, corn, and beans, to the majority of their foodstuffs abroad. What America can do in emergency cases has been proven the past two years. It can do still more if every man, every woman, and every child in the country will plow their shoulder to the work and increase the size of their gardens, in order to increase our own economic strength. The following pages will give you a brief outline of what is necessary to produce a good, home garden.

A RULE FOR ALL AMATEUR GARDENERS TO WORK UNDER AND WITH WHICH SHOULD BE STRICTLY ADHERED TO IS AS FOLLOWS: PLANT ALSO THREE TO FOUR TIMES THEIR OWN THICKNESS UNDER THE SURFACE OF THE SOIL.

HOW AND WHEN TO PLANT

For the benefit of our many customers, we are publishing on one of the following pages, a complete and complete, get the better, get the best, and help to plant.

Unless you have competent help, do not attempt too large a garden in the beginning. A small one thoroughly manured with pulverized sheep manure, and thoroughly worked, will give better results and more vegetables than one that is too large and poorly worked. Make the soil as rich as possible.

One hundred pounds of pulverized sheep manure to a point of 20 by 20 by 20 of vegetables to eat at all times during the year.

PREPARING THE SOIL

The soil should be thoroughly pulverized and churned frequently by a laborious dressing of pulverized sheep manure into the ground. The latter should be renewed under as early in the Spring as the soil will crumble into a loose, fine condition. The deeper you go, the more it will be needed. It may be a good idea to use a plow; if not, it will be hard to work the entire season. As stable manure is very hard to get at the present time, we recommend the pulverized sheep manure, which can be had in bags, 500 pound lots, and each bag will go further than 200 pounds will go in much farther than 20 cart loads of well rotted manure. Should your ground be sour or if there are red worms in the ground, which will denote some, a dressing of air-slaked lime will be found to be very beneficial. Although not a plant food of itself, its action makes plant foods available, which without its aid would be imderstood. As soon as the soil will work up in the proper condition, sowings can be made as per our kitchen garden table, given on page 1.

THE SEEDBED

For small gardens, it would be better to start the early vegetables indoors in small boxes. The plants then can be set out very early in the Spring. For large plants, such as late cabbage, celery, etc., a small corner sheltered by the fence can be put aside for this purpose. Manure same well and the plants can be taken from the seedbed and transplanted later in the season. We would suggest, however, that tomatoes, eggplants and peppers be started indoors, as they are rather tender.

GARDENING

If you have, by the following methods: As soon as your early varieties, such as peas, lettuce, radishes, are finished, the beds or rows should be freshly dug, then plant it with other vegetables to keep up a constant supply in the garden, and, at the same time, you will keep out weeds and have plenty of work.

SOWING SMALL SEED

A small furrow should be made in the fine surface of the soil with a stick or a rake handle laid out, and the seed not be over a quarter to a half inch deep, varying with the size of the seed to be sown, and according to the rule given above. Then, by taking the rake and using it as a rake, you can cover the seed with the fine soil, until it is time to cultivate properly. The firming of seed brings it in close contact with the earth and greatly assists it in germination.

MAKING HILLS

The soil should be removed 10 to 12 inches in depth, and a hill should be made on the surface of the soil, with a slight depression or furrow, in which the seed should be planted. The furrow should be planted on top of this hill, such as melons, cucumbers, pole-beans, and the like, covering them 1 to 2 inches from the line and packed down firmly on top so should give you very good results. Fills made this way can also be utilized for tomatoes, eggplants and peppers and should stand about four feet apart each way.

CULTIVATION

It is absolutely necessary to cultivate the soil to get results. Many persons think that after the seed is in the ground, that little is necessary; but frequent cultivations, even when there is no rain, will draw a certain amount of moisture to the roots of the plants, and the more you cultivate your vegetables, the better they will be and the larger they will grow. After a rain, when the ground dries off sufficiently, is the best time to cultivate, but in long, dry periods do not fail to look after your garden.

GATHERING VEGETABLES

It is only when you get the first vegetables you have grown from your own garden that you appreciate what it is to have a garden of your own. They taste better, especially corn, which has not gone through the process of sweating and taking the sweetness all out of it; and what person does not like to go out to the garden and see a large, ripe, red tomato, and pluck it and eat it. It will taste 100 percent better than any tomato you can buy, and for the best tasted fruit, it is always better to allow it to ripen on the vine.

MULCHING

Everybody, more or less, has a certain amount of grass to cut around their place. No better use can be made of this grass, caught in a grass catcher attached to the lawn mower, than placing it on the ground as mulching material. In this way, it keeps the moisture in the soil and also prevents weeds from starting.

SEEDS TO USE

It is necessary in sowing the seed to get the very best the country can produce (this you can have by using Holmes' tested seeds of known vitality and purity), so as not to be disappointed by the seed not coming up, as is oftentimes the case in using commission seeds, which are sold in grocery stores, etc. Our catalog gives you a brief description of all the principal varieties of seeds used in America.

ADVICE

Our forty-three years' experience in the seed business has taught us many things which the amateur gardener does not know. We are perfectly willing and ready at all times to give any advice in regard to seeds, insecticides, or anything pertaining to the garden, if you will kindly call and see the superintendent or one of our representatives. We will try to give you this information correctly to the best of our knowledge and should we not know some questions that are put to us, we will gladly look up and get the information for you.

TABLES

We are constantly asked by many of our customers, questions which we have tried to answer by the following reference table, and we still believe it is necessary to make their garden. With the information we have given on these pages, we believe that everyone can help and not have a good garden of vegetables.

INSECTICIDES

On pages 4 and 5 will be found information pertaining to insecticides, fungicides and blight, to be used on the different plants and vegetables infested by the leaf-eating and leaf-sucking insects, most injurious to the crops. We have endeavored to make these very explicit, so as to enable our many customers to arrive at a definite conclusion and know exactly what to use from the first appearance of any of these insects.
We, the Holmes Seed Co., of Harrisburg, Pa., give no warranty, express or implied, as to description, quality, purity, productiveness, or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

ORDER FOR HOLMES' TESTED SEEDS, ETC.

HOLMES SEED COMPANY
SEED GROWERS AND MERCHANTS
STORE AND GENERAL OFFICES
HARRISBURG, PA.

Name
P. O.
R. Route No.

County...
State...

HOW TO BE SENT: NAME, OFFICE BELOW:
Express Office
Freight Office

Is there an agent at your freight office?

WE DELIVER FREE ANYWHERE IN THE UNITED STATES TO ANY P. O. OR R. R. EX. OFFICE EXCEPT WHERE NOTED
ALL VEGETABLE SEEDS, FLOWER SEEDS AND BULBS PURCHASER PAYS TRANSIT CHARGES on pints, quarts, pecks, bushels and barrels, and Farm Seeds, Tools, Implements, Insecticides, etc.

Mrs. S. A. Hippensteel, R. D. No. 5, Mechanicsburg, Pa., writes—

Your new strain of Improved Golden Self-Blanching Celery, which you desired me to test and which I agreed to report on, after having grown the celery, is far beyond my expectations.

The seed was planted in a hot bed and transplanted, open ground, and I received 15 to 20c per single stalk for this celery on the 28th of July. This strain is one of the finest of Golden Self-Blanching I have ever grown, absolutely free from any green celery, which is so commonly found in the ordinary Self-Blanching.

When I took this celery to market all the principal market gardeners in the Chestnut Street Market came to see it and expressed great surprise at having celery like this so early in the season.

I only regret that I did not have more of it, and you can rest assured that I will plant this exclusively next year.

Very truly yours,

MRS. S. A. HIPPENSTEEL.

Names of articles wanted
(Order flower seeds by number)

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Amount carried over,
### Names of Articles Wanted

(Order Flower Seeds by Number)

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**Total,**

**READ!** When you send your order kindly write below the names and full addresses of persons that you know buy and plant seeds. Do not send any names unless you have reason to believe they might send us an order. For doing this you may select two 5-cent packages extra, when you send in your order.
KITCHEN-GARDEN PLANTING TABLE
A guide to the proper times for sowing of various Seeds in order to obtain continuous succession of crops

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<td>6  6  5</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Tomato</td>
<td>6  6  5</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Turnip</td>
<td>6  6  5</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

Compare the column number with explanations given on right-hand side of table.

<table>
<thead>
<tr>
<th>Quantity of Seed Required for a Given Length of Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plants</td>
</tr>
<tr>
<td>Asparagus</td>
</tr>
<tr>
<td>Beet</td>
</tr>
<tr>
<td>Beans-Dwarf</td>
</tr>
<tr>
<td>Carrot</td>
</tr>
<tr>
<td>Endive</td>
</tr>
<tr>
<td>Okra</td>
</tr>
<tr>
<td>Onions</td>
</tr>
<tr>
<td>Onion Sets</td>
</tr>
<tr>
<td>Parsley</td>
</tr>
<tr>
<td>Parsnips</td>
</tr>
<tr>
<td>Peas</td>
</tr>
<tr>
<td>Radishes</td>
</tr>
<tr>
<td>Salsify</td>
</tr>
<tr>
<td>Spinach</td>
</tr>
<tr>
<td>Turnip</td>
</tr>
</tbody>
</table>

<table>
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<tr>
<th>Quantity of Seed Required for a Given Number of Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plants</td>
</tr>
<tr>
<td>Asparagus</td>
</tr>
<tr>
<td>Kale</td>
</tr>
<tr>
<td>Cabbage</td>
</tr>
<tr>
<td>Cauliflower</td>
</tr>
<tr>
<td>Celery</td>
</tr>
<tr>
<td>Leek</td>
</tr>
<tr>
<td>Endive</td>
</tr>
<tr>
<td>Pepper</td>
</tr>
<tr>
<td>Nasturtium</td>
</tr>
<tr>
<td>Tomato</td>
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<tr>
<td>Thyme</td>
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<tr>
<td>Sage</td>
</tr>
<tr>
<td>Savory</td>
</tr>
<tr>
<td>Marjoram</td>
</tr>
<tr>
<td>Rhiubarb</td>
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<td>Sage</td>
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<td>Savory</td>
</tr>
<tr>
<td>Marjoram</td>
</tr>
<tr>
<td>Rhiubarb</td>
</tr>
</tbody>
</table>

| Plants                                                |
| Asparagus                                              | 1 oz. 300 |
| Cabbage                                               | 1 oz. 2,000|
| Cauliflower                                           | 1 oz. 2,000|
| Celery                                                | 1 oz. 2,500|
| Leek                                                  | 1 oz. 1,500|
| Endive                                                | 1 oz. 3,000|
| Pepper                                                | 1 oz. 1,000|
| Nasturtium                                            | 1 oz. 1,500|
| Tomato                                                | 1 oz. 1,500|
| Thyme                                                 | 1 oz. 4,000|
| Sage                                                  | 1 oz. 1,000|
| Savory                                                | 1 oz. 2,000|
| Marjoram                                              | 1 oz. 1,500|
| Rhiubarb                                              | 1 oz. 500  |
"BLACK LEAF 40"

Liquid Nicotine Sulphate Insecticide. (40% Nicotine Guaranteed)

Highly Recommended by Experiment Stations and Agricultural Colleges for Spraying Against APHIS, LEAF-HOPPERS, THRIPS, RED BUGS

Many crops are attacked by these pests. They injure the foliage, weaken the plants and reduce both the quantity and quality of the crops; if, indeed, the plants themselves are not destroyed.

These pests belong to the "sucking" class of insects. With their sharp slender beaks they puncture the tissues and suck juices from within the interior of leaf, stem, blossom and twig. They must be destroyed by spraying with a "contact insecticide," such as "Black Leaf 40." They can not be destroyed with arsenical poisons like Arsenate of Lead and Paris Green, which must be eaten to be effective.

SOAP AS A SPREADER

In order to assist the "Black Leaf 40" to penetrate to and thoroughly wet the insect, it is advisable when spraying with "Black Leaf 40" alone to add 3 to 4 pounds of dissolved soap to every 100 gallons of spray. When using "Black Leaf 40" in combination with other sprays, do not use soap. Fish Oil Soap is the best.

"BLACK LEAF 40" SPRAY CALENDAR

(4) IMPORTANT: "Black Leaf 40" may be used in combination with Arsenate of Lead, Lime-Sulphur, Bordeaux Mixture, Sulphur, etc., thereby saving time and labor. Ask or write for special descriptive leaflets.

"BLACK LEAF 40" is highly concentrated—permits of large dilutions; hence inexpensive.

Perfectly soluble in water—does not clog the nozzles nor gum the pump. Used as directed, it does not injure foliage or fruit. Its strength is guaranteed by the manufacturer. Complete directions on every package.

"Black Leaf 40" is packed as illustrated at the right. Each package will make the number of gallons of spraying material stated below it; depending upon the various insects to be destroyed. The price of each package is shown at the right.

Protect your plants from Aphids, Thrips, Leaf-Hoppers by using this highly recommended insecticide.

Being a poison this can not go through the mail. Sent only by express.

<table>
<thead>
<tr>
<th>PLANTS</th>
<th>INSECTS</th>
<th>PARTS ATTACKED</th>
<th>DILUTE &quot;BLACK 40&quot;</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple</td>
<td>Green and Rosy Aphids</td>
<td>Under surface of leaves, fruit, twigs.</td>
<td>1 to 1000</td>
<td>Spray when buds are green in spring. Do not wait till leaves are curled.</td>
</tr>
<tr>
<td>Peach</td>
<td>Black, Green and Mealy Aphids</td>
<td>Twigs and under surface of leaves.</td>
<td>1 to 800</td>
<td>Spray when insects are present on twigs; on stems, remove soil and saturate roots.</td>
</tr>
<tr>
<td>Plum</td>
<td>Red Bug.</td>
<td>Leaves. fruit.</td>
<td>1 to 800</td>
<td>Spray when blossoms show pink and when blossoms fall.</td>
</tr>
<tr>
<td>Cherry</td>
<td>Currant</td>
<td>Stems and under surface of leaves.</td>
<td>1 to 800</td>
<td>Spray when buds open in spring and later when insects are present, before leaves curl.</td>
</tr>
<tr>
<td>Watermelon</td>
<td>Green Aphis.</td>
<td>Stems and under surface of leaves.</td>
<td>1 to 800</td>
<td>Spray when insects appear. Use angle nozzle and wet under sides of leaves, where insects work. Spray carefully.</td>
</tr>
<tr>
<td>Cantaloupe</td>
<td>Cucumber</td>
<td>Green, Pink and Black Aphids.</td>
<td>1 to 800</td>
<td>Spray when insects appear. Use angle nozzle so as to wet under sides of leaves. Spray carefully.</td>
</tr>
<tr>
<td>Pea</td>
<td>Bean</td>
<td>Stems and under surface of leaves; also blossoms and pods.</td>
<td>1 to 1000</td>
<td>Spray when insects appear. Use angle nozzle and wet under sides of leaves. Spray carefully.</td>
</tr>
<tr>
<td>Turnip</td>
<td>Potato</td>
<td>Shrub Flowers</td>
<td>Aphis</td>
<td>Leaves and blossoms.</td>
</tr>
</tbody>
</table>

AS SPREADER

BLACK LEAF 40

A CONCENTRATED SOLUTION

OF NICOTINE-SULPHATE

Purified by H. W. Harris Seed Co., HARRISBURG, PA.

1 Oz., 25c 1/2 lb., 75c 2 lbs., $2.50 10 lbs., $10.75


Makes 800-3000 Gals.
**ORCHARD BRAND SPRAY PRODUCTS**

**THESE PRICES SUBJECT TO CHANGE WITHOUT NOTICE**

The materials we carry in stock and recommend for spraying are ORCHARD BRAND spray products.

We have selected this brand because we desire to offer our customers a complete line of highest grade spraying materials.

### Orchard Brand Lime Sulphur Solution

A highly concentrated Insecticide and Fungicide—tests 39° Beame at 60°F.  
For dormant period spraying on all fruit trees dilute 1 gallon with 8 or 9 of water.  
For growing period spraying on apples dilute 1 gallon with 40 gallons water (do not use on peach and plum trees in growing period). Vaseline applied to hands and face will protect the skin from irritation.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-gallon can</td>
<td>$1.00</td>
</tr>
<tr>
<td>5-gallon cask</td>
<td>3.50</td>
</tr>
<tr>
<td>10-gallon can, each</td>
<td>4.50</td>
</tr>
<tr>
<td>3/4 barrel, per gallon</td>
<td>.26</td>
</tr>
<tr>
<td>Barrel, per gallon</td>
<td>.23</td>
</tr>
</tbody>
</table>

### Orchard Brand B. T. S.

This is a dry material to be used in the place of Lime Sulphur Solution in both dormant and growing period sprayings (do not use on peach or plum trees in growing period).

Will dissolve readily if suspended in a cheese cloth or muslin bag in the top of a bucket—convenient to handle owing to greatly reduced bulk. For dormant spraying use 4 ounces to a gallon of water (12 to 13 pounds to 50 gallons); for growing period on apples, 1 ounce to 1 gallon water.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.35</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
<td>.30</td>
</tr>
<tr>
<td>10-lb. package, per lb</td>
<td>.20</td>
</tr>
<tr>
<td>25-lb. package, per lb</td>
<td>.13</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.12</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.11</td>
</tr>
</tbody>
</table>

### Orchard Brand Arsenate of Lead Paste

This is a standard insecticide for insects that eat the foliage of plants. Contains not less than 35% Arsenic Oxyde.

For general use 1 oz. to a gallon of water is sufficient. For voracious feeders 2 ozs. may be used.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.35</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
<td>.30</td>
</tr>
<tr>
<td>10-lb. package, per lb</td>
<td>.25</td>
</tr>
<tr>
<td>25-lb. package, per lb</td>
<td>.23</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.22</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.20</td>
</tr>
</tbody>
</table>

### Orchard Brand Arsenate of Zinc Powdered

This is a quick-acting poison to be used on potatoes, tomatoes and similar truck crops.

Owing to its quick-killing properties, adhesiveness and freedom from injurious effects, it is recognized as the best poison for killing potato bugs, asparagus beetle and similar pests.

Should be applied at the rate of 2 lbs. to an acre.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.36</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
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</tr>
<tr>
<td>10-lb. package, per lb</td>
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<tr>
<td>25-lb. package, per lb</td>
<td>.41</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.38</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.36</td>
</tr>
</tbody>
</table>

### Orchard Brand Bordeaux Mixture

This is a general fungicide, containing not less than 14% copper hydroxide (equivalent to 9% metallic copper).

For general use on apples, grapes, potatoes, tomatoes and other truck crops, use 2 to 3 ozs. to a gallon of water (7 to 9 lbs. to 50 gal.).

Do not use on peaches, plums or other stone fruits.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.30</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
<td>.28</td>
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<tr>
<td>10-lb. package, per lb</td>
<td>.25</td>
</tr>
<tr>
<td>25-lb. package, per lb</td>
<td>.24</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.23</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.20</td>
</tr>
</tbody>
</table>

### Orchard Brand Bordeaux Lead

This is a combined insecticide and fungicide for general use on apples, grapes, potatoes, tomatoes and similar plants (do not use on peaches and plums).

For general treatment use 2½ to 3½ ozs. per gallon (9 to 10 lbs. to 50 gals.) of water.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.40</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
<td>.35</td>
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<tr>
<td>10-lb. package, per lb</td>
<td>.30</td>
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<tr>
<td>25-lb. package, per lb</td>
<td>.26</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.22</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.20</td>
</tr>
</tbody>
</table>

### Orchard Brand Bordeaux Zinc

This is a combined insecticide and fungicide for use on potatoes, tomatoes and asparagus.

Use at the rate of 10 lbs. per acre.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.40</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
<td>.35</td>
</tr>
<tr>
<td>10-lb. package, per lb</td>
<td>.32</td>
</tr>
<tr>
<td>25-lb. package, per lb</td>
<td>.30</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.28</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.25</td>
</tr>
</tbody>
</table>

### Orchard Brand Atomic Sulphur

This is the safest and best remedy for scab and brown rot on peaches and plums.

Use at the rate of 1½ to 1¾ ozs. to a gallon (5 lbs. to 50 gals.) of water.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-lb. package, per lb</td>
<td>.25</td>
</tr>
<tr>
<td>5-lb. package, per lb</td>
<td>.22</td>
</tr>
<tr>
<td>10-lb. package, per lb</td>
<td>.18</td>
</tr>
<tr>
<td>25-lb. package, per lb</td>
<td>.14</td>
</tr>
<tr>
<td>50-lb. package, per lb</td>
<td>.12</td>
</tr>
<tr>
<td>100-lb. package, per lb</td>
<td>.10</td>
</tr>
</tbody>
</table>

**ALL PRICES QUOTED HEREON SUBJECT TO CHANGE WITHOUT NOTICE**
Holmes’ Vegetable Plants

PLANTS THAT GROW

Last year, we had considerable trouble with our plant orders in not getting them to our customers in time, having them grown some distance from the city. This year, however, we have succeeded in securing one of the best plant growers in this section of the country to grow our entire stock of plants of all varieties, we furnishing the stock seed of the very highest quality. The plants will be well packed in ventilated packages to reach you in good growing condition. We prefer to send small orders by parcel post and, for your benefit, must insist that you give both your express and post office address plainly. Large orders will be sent by express. We guarantee these plants to be first-class in every particular when delivered to the express company and should they arrive at destination in bad condition, do not accept them, but notify us immediately and we will send you other plants and take the matter up with the express company. Be sure to give us in a case of this kind, the exact date the plants reached your express or post office. When no variety names are mentioned, we will use our best efforts to send you what we think will give you the best results.

TRANPLANTED PLANTS

All plants are large, well-hardened plants, ready for the field. Uniform plants of great vitality. No weaklings or mixes, but every plant a good one. “Business Plants” for the man who plants for profit.

CABBAGE PLANTS—Ready April 1 to June 1. Early Jersey Wakefield, Charleston Wakefield, Early Summer, Copenhagen Market. Doz. 20 cts., 2 doz. 30 cts., 100 $1.25, 500 $4.25, 1,000 $7.50.

CELERY PLANTS—Ready April 1 to June 1. Golden Self-Bleaching, Snow White and Giant Pascal, Holmes’ Emperor. Doz. 15 cts., 2 doz. 25 cts., 100 75 cts., 500 $3, 1,000 $5.50.


HEAD LETTUCE—Ready March 1 to May 1. Iceberg and Big Boston. Doz. 15 cts., 2 doz. 25 cts., 100 85 cts., 500 $3.50, 1,000 $6.50.


EARLY CAULIFLOWER—Ready March 15 to June 1. Early Snowball. Doz. 25 cts., 3 doz. 65 cts., 100 $1.50, 500 $6.00.


POTTED PLANTS


POTTED EGG PLANTS—Black Beauty. Doz. 75 cts., 2 doz. $1.25, 100 $6.

I get 50 peach baskets of ripe tomatoes from 100 potted plants.

Potted tomato plants will ripen their crop three weeks earlier than Transplanted plants.

The man who has early ripe tomatoes gets the money for them.
LATE TOMATO PLANTS

Five hundred thousand Stone and Chalks Jewel, 75 cts. per 100, $5 per 1,000. Ready May 10 to July 10.

FIELD GROWN PLANTS

CABBAGE PLANTS—Ready May 20 to September 1. Three million extra stocky Cabbage Plants sown thin in rows, twelve inches apart. Dug with forks (not pulled up), so every plant has mass of roots. Packed in damp moss and shipped carefully.

Can be shipped safely to Texas, Georgia, Florida, Alabama, Mississippi and Canada, and all nearer States.

All Head Early, Succession, Copenhagen Market, Henderson's Early Summer, Early Jersey Wakefield, Enkhuizen Glory, Flat Dutch and Surehead. 75 cts. per 100, $5 per 1,000.

CELERY PLANTS—Ready July 1 to September 1. Two million hardy and extra fine plants, raised by heavy fertilization, in rows 14 inches apart, thinned by hand and kept entirely free of weeds. No plants shipped except good, strong plants. (Satisfaction guaranteed.) 50 cts. per 100, $3.50 per 1,000.

GOLDEN SELF-BLEACHING (French Grown Seed)—White Plume, Winter Queen, Giant Pascal. 50 cts. per 100, $3 per 1,000.

NON-WARRANTY

While we endeavor to have all plants true to name, carefully packed and promptly shipped, we give no warranty, expressed or implied, as to description, quality, productiveness or of any other matter, of any of the plants we send out, and will not in any way be responsible for the crop.

All orders accepted subject to plants being unsold.

Every order received will be accepted upon these conditions only, and they must be accepted by the customer when ordering.

SPECIAL OFFER

Be sure to take advantage of the "VICTORY" Collection

Illustrated on back cover and full description with illustrations found on pages 10, 12, 19 and 31. Bought as the Victory collection, price 45 cents.
**General List of Holmes' Tested Vegetable Seeds**

**Satisfaction Guaranteed**

**OR YOUR MONEY BACK**

All Seeds or other articles listed in this Catalog are sold with the understanding that should they fail to please, we will refund the price paid or duplicate your order free.

**BULK SEED DISCOUNTS**

On a $5 Order, Discount is 10 percent.  
On a $10 Order, Discount is 121/2 percent.  
On a $20 Order, Discount is 15 percent.

This discount is allowed on all general orders for Flower and Vegetable Seeds in packets, ounces, quarter-pounds, pounds, pints, quarts, four quarts, pecks and bushels, when the order is for five or more items, but is not allowed on an order for a single item, nor on Potatoes, Onion Sets, Bulbs, Grass Seeds and Field Seeds, such as Field Corn, Oats, Barley, Cow-Peas, etc., on orders of packets or ounces amounting to $1.00, deduct 20 cents from each one dollar sent.

**We call this Catalog ’Holmes’ Advance Agent**

Since the Parcel Post has been inaugurated, it is now just as easy for the farmer to buy direct from our catalog as to call at our store or have our salesman call on you. "The Tested Seeds" offered by the Holmes Seed Co., are seeds of "Known Vitality and Purity," and are the best soil and cultivation can grow. Forty years' experience enables us to know, and we realize that the farmer and home gardener must have the best that grows.

OWING TO WAR CONDITIONS ALL SEED SHIPPED BY EXPRESS OR FREIGHT ARE SENT THIS WAY AT PURCHASER’S EXPENSE AND ARE SUBJECT TO DELAY.

**ARTICHOKE**

*Culture.*—May be grown from seed sown in April, or from suckers taken from established plants. The seed can be sown in beds and the plants transplanted to rows 4 feet apart, 18 inches between. Three ounces of seed will sow 100 yards of row.

*Large Green Globe.*—Grown chiefly for unsized flower heads, delicious.  

By Mail, Postpaid

**ASPARAGUS**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 Lb.</th>
<th>1/2 Lb.</th>
<th>1 Lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sparagel</strong></td>
<td>.05</td>
<td>.25</td>
<td>.85</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sparagio</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sparagi</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Culture.*—Sow in March or April, in rows 1 foot apart. When two years old, transplant into permanent beds. Set the plants in rows from 3 to 4 feet apart and 2 feet in the row, and cover gradually during the season to 6 or 8 inches. On approach of winter cover with straw or straw. One ounce will sow 40 feet of drill.

**Barr's Mammoth**.—Valuable for market; stalks large, tender, light. See illustration.  

By Mail, Postpaid

**ASPARAGUS ROOTS**

Two years old; 2,500 roots are required to plant an acre.

Barr's Mammoth, and Columbian Mammoth White.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Per 100</th>
<th>Per 500</th>
<th>Per 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Conover’s Colossal</strong></td>
<td>1.00</td>
<td>3.00</td>
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<td><strong>Giant Argenteuil</strong></td>
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<td><strong>Palmetto, or Eclipse</strong></td>
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By Express or Freight, Net Prepaid

**BROCCOLI**

One ounce will sow a bed 40 feet square

*Culture.*—Same as cauliflower.

Early- Purple Cape.—Heads of medium size; close, compact, brownish purple. Best suited to our climate, and of excellent flavor.  

By Mail, Postpaid

**BRUSSELS SPROUTS**

*Culture.*—The seed should be sown in April or May, and the plants cultivated like cauliflower. The heads are improved by frost. An ounce of seed will produce 2,000 plants.

Paris Market.—Dwarf, with small, solid, tender heads, growing close along the stem.

By Mail, Postpaid

**COMPANY, HARRISBURG, PA.**
BEANS

Culture.—About the first of May sow in rows 2 inches deep and 18 inches between rows, in a successive succession until September. One quart to 100 feet of drill. One and a half bushels per acre.

**SPECIALTY**

GIAN T GREEN-POD STRINGLESS VALENTINE BEAN

An Extra-Early, Green-Podded Bush Bean of fine quality. Remarkably early; exceedingly prolific. Ready for market in 45 days.

One of the best green-podded Beans in the entire list, either for the home garden or for market. It is very early, exceedingly prolific, with pods fully one-third longer than the ordinary Red Valentine. The pods are round and handsome and without any string.

**SPECIALTY**

BOUNTIFUL BUS H

The first in the spring; last until fall; absolutely stringless

This is a flat-podded green Bean; enormously prolific and continuous bearer; early and late; absolutely stringless; very tender and excellent flavor.

**SPECIALTY**

STRINGLESS GREEN-POD

Absolutely stringless, of fine flavor; the earliest green-podded Bean. Without any exception it surpasses all others in crispness and tenderness. The pods are absolutely stringless and ready to market two weeks earlier than the best stock of other early Red Valentines.

BLACK VALENTINE

Very popular in the South for shipping to market, being a very vigorous strong grower, making a long, handsome Bean, very meaty and one of the best and most prolific market sorts. See illustration.

Price of the above.............. Pkt. 1 Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 25.00

**SPECIALTY**

DWARF GREEN-PODDED SNAP-SHORT BEANS

Best of All. Round; long glossy green; fleshy pods.

**SPECIALTY**

DWARF HORTICULTURAL.—An excellent green-podded sort.

Early China Red Eye.—Very early; old standard sort.

Early Mohawk.—Very early and hardy; long, flat, straight pods.

Large White Marrowfat.—For winter use.

LONGFELLOW.—Perfectly round; early; prolific; pods solid, fleshy.

Long Yellow Six Weeks.—Early, with full, flat green pods.

Low's Champion Bush.—Exceedingly fine; prolific.

NEW HODGSON GREEN-POD.—Long, straight, round, green pods.

Red Kidney.

REFUGEE, or 1,000-to-1.—Late; hardy; very productive.

Refugee Extra Early.—Very prolific; exceptionally free from strings.

Round Six Weeks Bush.—Very prolific; semiblend round pods.

**SPECIALTY**

TENNESSEE GREEN-POD.—Excellent shipper; medium to late; flat pods.

White Kidney.—Medium-sized pods; coarse; dark green; late.

White Navy.—Sure cropper; prolific; good quality; early.

Price of the above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 25.00

**SPECIALTY**

NEW ROUND-POD KIDNEY OR BRITTLE WAX BEAN

The Mostest, Crispest, Most Brittle and Entirely Stringless Bean Grown

Our customers have frequently asked for a round-podded Wax Bean, possessing the excellent market and shipping qualities of the popular Wardwell's Kidney Wax, and this is the first Bean we have ever discovered that will fill the bill. The plant grows tall, strong and sturdy, with long, round, handsome, stringless pods of large size, very solid and full of meat; crisp, brittle and free from rust; wonderfully early and productive. See illustration.

Price of the above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 25.00

**SPECIALTY**

SURE-CROP STRINGLESS OR BOUNTIFUL WAX

A dwarf-growing variety: strong, vigorous vines producing early, rich yellow pods of extra size, measuring 7 to 7½ inches long, more than ½ inch wide, nearly ½ inch thick, and of excellent quality. But this is not all. It is one of the most prolific Wax Beans known to the trade, and its bountiful crop of splendid Beans sells at sight. See illustration.

Price of the above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 30.00

**SPECIALTY**

DWARF WAX-PODDED SNAP-SHORT

Golden Wax.—The well-known old sort; popular for market.

IMPROVED RUSTPROOF GOLDEN WAX.—A greatly improved strain; more prolific and superior to the old Golden Wax.

Keeney's Improved Stringless Refugee Wax.—(New). Decided improvement on old Refugee Wax; best for canning.

New Prolific German, or Cylinder Wax.—Very early and prolific; pods round, full and stringless.

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<thead>
<tr>
<th>Cultivars</th>
<th>Bohnen</th>
<th>Fagiolini</th>
<th>These prices are subject to change without notice</th>
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<td>Perfection Wax.—Large, handsome pods, very showy.</td>
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<td>WARDWELL'S KIDNEY WAX.—Very robust and hardy, one of the very best, larger-podded.</td>
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<td>SADDLEBACK Wax.—Entirely stringless, of fine quality.</td>
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<td>Valentiino Wax.—A perfect Valentine Bean with a wax pod; valuable for both market gardeners and private planters.</td>
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<td>Davis Wax.—Most hardy and productive wax bean in cultivation; pods long, straight and handsome.</td>
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<td>Pencil Pod Black Wax.—Harrier and more prolific than the old German Wax. Pods long, pencil-like, tender and brittle.</td>
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<td>Currio’s Rustproof Wax.—Positively proof against rust and possesses most excellent quality.</td>
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<td>Hodson Wax.—Sturdy grower; productive; a market Bean.</td>
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<td>Price of above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 30.00</td>
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**SPECIALTY**

POLE LIMA BEANS

HOLMES' GREEN PROLIFIC POLE LIMA.—Grows green, keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for earliness and is more productive than any other Pole Lima we have ever seen. See illustration.

CARPINTERIA LIMA.—Beans largest in size and much thicker than other Oval Lima seed. Extra-fine quality.

DREER'S IMPROVED LIMA.—A thick, almost round Bean; fine quality.

Extra-Early Jersey Lima.—Much earlier than Large White Lima.

King of the Garden Lima.—Very prolific and heavy bearer.

Large White Lima.—An ordinary Pole Lima.

Small White, or Carolina Sleav.—A small seedling variety.

TRUCKER'S DELIGHT EXTRA-EARLY LIMA.—The green shellled Beans are of immense size, tender and succulent.

Price of above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 30.00

**SPECIALTY**

WAX-PODDED POLE, or RUNNING

Golden Carmine-Podded Horticultural.—Early; stringless.

Horticultural, or Wren's Egg.—Best for corn beams.

LAZY WIFE.—Pods dark green; fleshy; entirely stringless; rich flavor.

OLD HOMESTEAD (Kentucky Wonder).—Crisp, early and prolific.

Southern Prolific.—Continuous bearer.

WHITE CREASEBACK POLE.—Earliest snap-shorts; very productive; entirely stringless.

White Dutch Case-Knife.—Flat pods.

Price of above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 30.00

**SPECIALTY**

DWARF BUSH LIMA BEANS

FORDHUCK BUSH LIMA

Fordhook Bush Lima has an ideal bush growth and bears tremendous crops. The Beans are ready for use fully three weeks earlier than any other of the Pole Lima varieties. The plump, well-filled pods are twice as large as those of the Dreer's Bush, while the Beans are also twice the size, pods measuring 4 to 5 inches, containing four to five large Beans. See illustration.

Price of above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 30.00

**SPECIALTY**

BURPEE'S IMPROVED BUSH.—Enormous pods, borne abundantly; well-filled and very early. These are the largest pods of any of the Bush Lima Beans; vigorous bush with heavy foliage; plants uniformly upright. Pods 5 to 6 by 1½ inches. See illustration.

BURPEE'S BUSH LIMA.—Bushes 18 to 30 inches; immense yielder.

Dreer's Bush Lima.—Bush form of pole sort of same name.

Henderson's Bush Lima.—True bush variety, 18 to 20 inches high; early.

Price of above.............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 postpaid. 30.00
Beans, "VICTORY"

These will help Uncle Sam win the war

Beans have formed a staple of army diet for many years, because of their extremely high nutritive value which has demonstrated their great worth over a period of many years. They are not only delicious as a table vegetable, but they are also of high food value. We have named this wax bean "VICTORY" owing to its wonderful prolificness. The VICTORY is a dwarf growing variety, with strong vigorous vines about eighteen inches in height, producing early large yellow pods of extra size, measuring 7 to 7½ inches long and more than ¾ inch wide, and being of the semiround type, give more meat than any other bean we know of. It is absolutely stringless and of excellent quality, but this is not all. The VICTORY is one of the most prolific bush beans we have ever seen, and their bountiful crop of splendid rustproof beans sell at sight. They can be picked rapidly, as they hang in great clusters. The illustration above, which is ¼ natural size, gives a fair representation of this wonderful bean. Our many customers will not be disappointed in this, as well as the three other VICTORY novelties which we bring out this year.

Price of the above... Pkt. ½ Lb. Lb. 2 Lbs.
.15 .35 .60 1.00 postpaid by mail

By freight or express at purchaser's expense:
25 lbs. at 40 cts. per lb.
50 lbs. at 35 cts. per lb.
100 lbs. at 30 cts. per lb.

SPECIAL OFFER A full description illustrated will be found in this catalog under Peas, Beets and Corn. This entire Victory Collection, bought separately at retail, would cost you 60 cts., but we have decided to make price 45 cts. on the four novelties, if purchased at one time under the name of "Victory Collection."
HOLMES’ GREEN PROLIFIC POLE LIMA BEAN

GROWS GREEN, KEEPS GREEN AND DRIES GREEN. THE ONLY LIMA BEAN THAT IS ABSOLUTELY GREEN WHEN DRIED

The most productive Pole Lima Bean, as early as the Early Jersey and unquestionably the most prolific of all Pole Limas. See below.

ORIGIN

This Pole Lima was originated in Philadelphia over sixty years ago by Mr. Lafferty, a market gardener, in the “Neck”—that portion of South Philadelphia lying between the Delaware and Schuylkill Rivers. Mr. Lafferty was a gardener of renown who made a specialty of growing Lima Beans for family and hotel trade, and being a very careful gardener succeeded in the course of his lifetime in producing this Bean. Through careful selection of the Beans, close observation and long years of application, he finally became known in his locality as the best grower of Lima Beans in the “Neck.” He cherished this Lima Bean and was careful to keep it to himself until he died, when his son, Godfrey, brought it to Mr. Wm. K. Harris, the noted florist in Philadelphia, about twenty-four years ago, and he has used his best endeavors to keep it as true as the original type.

WHAT WE FOUND OUT—PODS

In our crop which we grew this year, we find the Bean equals the Early Jersey or any other variety for carliness, and is far more productive than any other Pole Lima we have ever seen grow. It is not like the Mastodon Lima, which retains only a portion of the green coloring in the dry Bean, but each and every Bean of Holmes’ Green Prolific Pole has that true, distinct, deep green color which insures the color when the Beans are shelled for market. The large pods hang in clusters of from five to eight, which makes them easy to gather, each having five to six Beans in a pod.

HOLMES’ GREEN PROLIFIC
GROWS GREEN
DRIES GREEN
STAYS GREEN

Pole Lima Beans

Holmes’ Green Prolific
Pole Lima

Grows green, keeps green, and the only Lima Bean that is absolutely green when dried. Equals Early Jersey for carliness and is more productive than any other Pole Lima we have ever seen. By mail, postpaid. Pkt., 15 cts.; 1 lb., 50 cts.; 2 lbs., 85 cts.; 10 lbs., at 40 cts. By express or freight, 100 lbs. at 35 cts. per lb.
"VICTORY" BEET
A DEEP BLOOD TURNIP BEET, WORTHY OF THE NAME—A VERY EARLY MATURING BEET, THE FINEST SHAPED IN THE WORLD, OF THE DEEPEST BLOOD RED COLOR, FREE FROM ALL WOODINESS AND OF DELICIOUS FLAVOR

HELP
UNCLE SAM
WIN THE WAR
PLANT
"VICTORY" BEET

For market purposes, the "VICTORY" can not fail to be a popular favorite everywhere, as its attractive appearance and perfect globe shape catches the fancy of the most critical buyer. For the amateur, this beet can not be surpassed, being exceedingly early and far superior in quality to the old Egyptian and many of the other early blood turnip beets. The leaves are small, upright, of rich purple color, and borne on slender stems, occupying but a small portion of the bulb. The roots are uniformly medium sized. The surface is remarkably smooth. The color of the skin and flesh is a brilliant, dark fiery red, the richest darkest red of any beet. This intensity of color is retained when cooked. The "VICTORY" is equally valuable for early framework and for the open ground. See illustration.

Price... Pkt. Oz. ½ Lb. Lb.
.15 40 1.25 4.00

SWISS CHARD OR SPINACH BEET

Swiss Chard is unique in that it is a two-purpose vegetable. The outside leaves are used as "boiling greens" and are most excellent for this purpose. The large white stalks (see illustration below) are used like asparagus, they are boiled and served in melted butter and are fully as delicious and even more tender than asparagus. If covered with a good mulch of straw, it will come up again early in the spring. May be sown until the first or even to the tenth of July, if small leaves are used.

GIANT LUCULLUS.—The plants grow to a height of two to two and one-half feet. The stalks are as thick and broad as those of rhubarb, being one and one-half inches broad, heavily ribbed, and from ten to twelve inches long below the leaf. The extra-large leaves of thick texture are heavily crimped or "savoyed" and of fine flavor.

Pkt. Oz. ½ Lb. Lb.
.15 40 1.25 4.00
BEETS

Ruebe Barbatabetola Buraki

HARRISBURG MARKET BLOOD TURNIP BEET

The earliest and decidedly the handsomest distinct new Beet in Cultivation

The Harrisburg Market Beet is well represented in the illustration given. It is of true, turnip shape, has a single tap root, a smooth skin, a rich, tender quality and is free from the woodiness so often found in early varieties. It is ready to use in 45 days from time of planting and does not become coarse or stringy with large size like other varieties.

HOLMES’ BLOOD TURNIP BEET

A Valuable Market-Garden Variety

For several years we have been trying, at the instigation of many of our market-gardening customers, to secure a Beet which comes early, is of deep blood color, and has small tops. We have succeeded in securing a variety that, while not as early as the Harrisburg Market, has the color and texture desired. From trials made at our trial grounds it proves to be the best deep blood Beet for both market and home gardeners.

HOLMES’ BEET

Exceedingly Tender, Magnificent Form and Blood-Red Flesh

Extremely early, of perfect globe shape and of the finest quality. This Beet we sent out several years ago as No. 27, and the many excellent reports we received convinced us that it was a Beet worthy of introduction. Our trials also convinced us that it was a Beet far superior to anything we had yet introduced.

Bartian’s Blood Turnip.—A fine second early, following Egyptian and Eclipse.

Crimson Globe.—The finest table Beet grown. Early, of medium size, uniformly round; color, deep crimson throughout; exceedingly tender and sweet and a good keeper.

Crosby’s Egyptian.—Very early and of excellent quality; small tops.

HOLMES’ “WHITE TOP” BLOOD TURNIP BEET

A NEW BEET OF SUPERIOR MERIT

A Beet that Advertises Itself

For the past seven years we have been working up the stock of this particular beet, making our selection carefully from year to year, getting it ready to put on the market as near perfection as we could possibly wish. Whoever saw an absolutely light green top with pure blood-red root? It is unique in this particular way. It is one of the most tender of beets, of delicious flavor and is absolutely unsurpassed for quality by any beet that we know of. This grand new beet—HOLMES’ WHITE TOP BLOOD TURNIP—is almost globe-shaped, tapering somewhat toward the root. The flesh is a handsome dark red, sweet and tender throughout all stages of growth from the little size to the large. The hard, stringy, wooden-like fiber so common with all other varieties, is entirely absent in this new beet. It is an ideal main crop Beet and outsells all others wherever it is known.

Our stock of this beet was produced from a single plant which was grown by Mr. W. W. Tracy, of the Department of Agriculture, Washington, D. C. In conversation with Mr. Tracy, he remarked that he had never seen or heard of such a wonderful beet before. We have been able to get a little of so much value that he produced seed that he gave to our Mr. Holmes. He also stated that it was entirely distinct from any other beet he knew of and especially from the beet that was called the Chittenango, and furthermore said in his opinion we had a great novelty.

We would advise any of our customers who want an exceptionally fine beet to try this. The seed sells at 10 cts. per pkt., 25 cts. per oz., 75 cts. per lb., $2.50 per lb., 5 lbs., and over $2.25 per lb.

THE FOUR BEST BEETS FOR MARKET-GARDENERS

HOLMES’ EARLY SURPRISE BEET

For early or late planting

Since its introduction by us several years ago, this early-early Blood Turnip Beet has become wonderfully popular with both market gardeners and private planters. It is a rich, blood-red Beet, with fine grain and delicious flavor. Equally as good as the famous Harrisburg Market Beet, although a little different in shape. Especially valuable for market on account of extreme earliness and size. See illustration.

PETIT DORÉ RED.—A perfect turnip-shaped Beet. Valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time; admirable for either early or late.

Dewing’s Improved Blood Turnip.—Handsome, smooth and round, tapering at the base; flesh strongly zoned, of fine quality.

Dark Stinson.—Roots good size; tops small; flesh fine grained, free from the woodiness.

Early Blood Turnip.—A standard variety, following Eclipse in earliness; quality excellent; color, deep blood-red; the tops make excellent “greens.”

Eclipse.—Extremely early; of uniform globular form; glossy red; flesh fine grained and unusually tender and sweet.

EDMUND’S.—A handsome, uniform, round, turnip-shaped Beet, very smooth and good size; tops small; flesh red and fine quality; fine for late.

Egyptian.—A standard extra early sort, being 10 to 12 days earlier than that of our Turnip, 1 foot long and 2 inches thick. A delicious Beet.

HOLMES’ PERFECTED HALF-LONG.—A Beet of superior quality, tender, sweet and white; very productive; all parts red and in every way an equal to any beet grown. A perfect Beet for those who desire a fine beet.

Bartian.—Leaves and roots are pale in color, but of delicious quality.

Long, Smooth Blood Red.—An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color.

Swiss Chard.—Delicious for Spinach.

Price of above 3½ oz. .05 10 .40 1.50

MANGEL-WURZELS AND SUGAR BEETS

Futter Ruben

Culture.—Sow in rows 2 ft. apart, 2 inches between seeds, thinning later to 12 to 15 inches apart. Long varieties do best in deep soil; round sorts in sandy soil. Five or six pounds will sow an acre.

Golden Giant Intermediate.—Keeps well; grows over half above ground.

Golden Tankard.—Distinctly; highly prized by farmers.

Lane’s Imperial Sugar Beet.—American sort; productive.

Mangels Prize.—Famous for its root color and flavor.

Vilmorin Improved Sugar.—Not so large as others, but has much sugar.

Price of above 1½ lb. .10 .25 .50 .90
Holmes' Perfected Late Flat Dutch

Holmes-Houser Cabbage. Very Late

Copenhagen Market Cabbage. The Best Early Cabbage from Denmark

**Pe-Tsai, Chinese or "Celery" Cabbage**

The new vegetable known as Chinese celery cabbage was unknown in this country, except among the Chinese of the Pacific coast, but it is now being grown in every state in the Union by those who are ready to grow something new and try it in every possible way to determine the good qualities. The culture is the same as for Winter Cabbage.

It is not found practical to grow it in the early summer, as it inclines to go to seed without heading. The seed should be sown in July to September, half inch deep in the row, and rows about 24 inches apart. When the plant has grown up 5 or 6 inches in height thin to 10 inches apart, keeping the best and pulling up the others. Cultivate well, and when large enough should be blanched by earthing up and tying closely with burlap. Any good soil is sufficient, a most excellent vegetable can be grown. Develops quickly, and as the weather gets cooler, it heads up nicely, producing nice, crisp, celery-like stalks, closely headed in, until it forms quite a compact mass. It can be eaten raw, made into salads, or cooked as cabbage or greens. Does not require long to cook thoroughly. Is rapidly finding a place in the markets, and people are using it as rapidly as it is brought to them. Will be found an excellent addition to late summer and autumn vegetables.

Pkt. 10 cts., oz. 40 cts., 1/4 lb. $1.25, 1 lb. $4.00 postpaid.
CABBAGE  

PURITY AMERICAN-GROWN\STATED SEED
Kopfkohl  Cavolo cappuccio  Kopusta

For years we have given the selection of Cabbage seed particular attention. The seed is from stocks carefully selected and tested on Long Island.

Culture.—Sow in hotbeds in February, or still better, from September 10 to 20 and winter the plants over in a coldframe. Transplant March 15 to April 15 about 20 inches apart, in rows 2 feet apart. For second-early crop, sow seeds of early kinds early in April and plant out in May. For a late crop, sow early in May and plant out in July; the plants 2 feet apart in rows 3 feet apart. One ounce will produce 1,500 to 2,000 plants.

SPECIALTY

HOLMES' EARLY.—The Largest Early Round-Headed Cabbage. This is superior in every way. In the words of "No. 198," we sent out samples of this new Cabbage. Before listing it, we desired to get the response of our customers on this geographical growth and test it. We have noted the following:

1. The heads are large, tightly packed, and of fine quality.
2. They resist blight, which is a serious pest in this section.
3. They are resistant to the cabbage worm.
4. They are resistant to the cabbage maggot.
5. They are resistant to the cabbage root aphid.
6. They are resistant to the cabbage root rots.
7. They are resistant to the cabbage root rots.
8. They are resistant to the cabbage root rots.
9. They are resistant to the cabbage root rots.
10. They are resistant to the cabbage root rots.

SPECIALTY

THE HOLMES-HOUSER, or "H-H" CABBAGE

Noted for its Fine Grain, Smallness of Heart and Keeping Qualities

MARKET GARDENERS' IDEAL. A CABBAGE WHICH HAS WEIGHT AND SIZE

Introduced by Holmes Seed Co. thirteen years ago and has grown into popular favor. No other late variety can approach it in quality, size, roundness, smallness of heart and good keeping qualities. Our original stock produced heads exactly like the illustration, and it is remarkable what enormous crops are produced from this variety. To keep the seed pure and selection perfect, we entered into a contract several years ago with Mr. Houser to supply us with one pound of seed of his own selection at a cost of $3.60. This seed is then sent to Long Island to the finest Cabbage growers, where it undergoes a second selection. Our agreement with the grower is that we take the entire crop, and not a single ounce of this seed is to go to any other seedman. Consequently, the pure and genuine stock can only be had direct from us, or from some of our regular wholesale dealers to whom we sell the seed.

To protect the public this year from unscrupulous dealers who claim to have the originator's stock, we will sell this seed only in sealed packages. Look for the seal on every package, and make your dealer show you our seal with our name on it.

A WARNING.—It is absolutely necessary to plant out the Holmes-Houser Cabbage two weeks earlier than other late sorts, as it requires much longer to mature than the flat Dutch types or any other late variety.

NOTE.—The crop of Cabbage this year was very short, owing to the climatic conditions. We found very little against seed offered as Holmes-Houser by many unscrupulous dealers.

SPECIALTY

COPENHAGEN MARKET

Offered for the First Time in 1911. It Proved to be the Best Early Cabbage from Denmark. Remember, as Early as the Charleston Wakefield.

A valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Charleston Wakefield. It is the most popular early Cabbages in the markets of Copenhagen. Market gardeners here who tried it for the first time last season are simply crazy about it on account of its extreme carliness and solid, 10-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium in size, saucer shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. It is a vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market Cabbage comes to us direct from the originator. By mail postpaid.

Price of above.......................... Pkt. Oz. 1/4 Lb. Lb. .20 .125 .25 .50

EXTRA-EARLY VARIETIES

EARLY JERSEY WAKEFIELD.—This famous Cabbage still retains its head. The heads of pyramid-shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather. Our seed is from highly bred, selected stock and is unequalled.

EARLY CHARLESTON WAKEFIELD.—This is the largest Early Cabbage, which we bred from the Early "Jersey" Wakefield, to meet a demand for a larger headed sort. It possesses all the valuable characteristics of the parent, with the advantage of the heads being 50 per cent larger, though a few days later. Our strain of seed is very superior.

Prices of above.......................... Pkt. Oz. 1/4 Lb. Lb. .10 .85

Extra Early Express.—Earliest of French Cabbage; small, pointed head.

Early York.—Very early, producing small, oval-shaped heads.

Early Winingstadt.—An old, popular, medium early variety, with large, pyramidals heads of excellent quality; good to succeed the extra early.

ALLHEAD EARLY.—A flat head, coming in with Early Summer; much larger.

Early Flat Dutch.—We offer a remarkably fine strain; a sure leader, the heads weighing from ten to twelve pounds; most valuable for forcing or for general crop.

Prices of above.......................... Pkt. Oz. 1/4 Lb. Lb. .10 .85

SECOND-EARLY, or SUMMER VARIETIES

Early Summer.—This peerless variety; it makes a large, solid, round flat head, coming about ten days later than Wakefield.

Succession, Henderson's. Uniformly conceded to be the grandest Cabbage in existence for either summer or winter use; heads hard and uniform, ten to twelve pounds in weight; quality extra fine and a good keeper.

ALL SEASONS (VANDERGAW).—One of the finest; growing to a large size quickly. Will stand hot sun and dry weather.

Fottler's Improved Flat Brunswick.—Large, solid heads; fine for early or late. Recommended by many gardeners as second to none of the second-early varieties.

LIMITED MAIL.—A superb second early variety. Produces hard, pointed heads of good size. Often sold as Lightning, Express and several other Eastern names.

Stein Early Flat Dutch.—An excellent variety for winter use and valuable for market-gardening.

Prices of above.......................... Pkt. Oz. 1/4 Lb. Lb. .10 .85

LATE, or WINTER VARIETIES

Autumn King, Henderson's.—The acknowledged "King" of all Winter Cabbages, excepting only Holmes-Houser, producing enormous solid heads, weighing 25 to 30 pounds; interior crisp, fine-grained, white; splendid keeper.

HOLMES' PERFECTION LATE FLAT DUTCH.—Our improved highly bred strain of this old favorite Winter Cabbage will be found very superior.

Short- Stem Drumhead.—Selected strain; ripens early.

Red Dutch.—For pickling.

Surehead.—Fine large solid heads, with few outside leaves.

SAFE CROP.—(Same as Houseman's late Flat Dutch.) A good strain.

Perfection Drumhead Savoy.—The largest headed Savoy; a general favorite for both home use and marketing.

Prices of above.......................... Pkt. Oz. 1/4 Lb. Lb. .10 .85

PRICEs on LARGER QUANTITIES QUOTED BY MAIL
HOLMES SEED COMPANY, HARRISBURG, PA.

CELERIAC  Turnip-Rooted Celery  Brusseliana
Knoell-Sellerie  Sedano-rapa
Large, turnip-like roots which keep well for winter use. Fine cooked, for flavoring soup or sliced and used as a salad.

Price of the above

Large Smooth Prague.—Almost round, uniform, smooth-skinned; free from side roots.

Price of the above

Chicory

Price of the above

Collards

Price of the above

Corn Salad

Price of the above

Cress

Price of the above

Carrots

One ounce will sow 100 feet of drills; three pounds an acre
Culture.—A good, light, well-enriched sandy loam is the best for this crop. Market gardeners sow in drills about 18 inches apart, and cultivate by hand. For field culture, sow in drills from 3 to 5 feet apart, as to cultivate by horse. For early crops, over 3'/inch deep, thin to 6 inches apart. For late, cover 1/4 of an inch.

Please remember to deduct 10 cents per pound from these prices if ordered by express or freight at purchaser's expense.

Prices, Delivered Free in the United States, Unless Otherwise Noted

Early Half-Long Scarlet.—A distinct, slender, cylindrical variety, with few and small leaves; skin glossy and smooth; flesh red and without core; extra fine. Fine for forcing and frame.

Chantenay Half-Long Scarlet.—A stump-rooted variety of handsome shape, medium early, very productive, and of fine quality.

Danvers Half-Long.—A handsome, smooth, cylindrical stump-rooted variety of rich, dark orange color; flesh of close texture, good quality, with but little core.

Early French Forcing.—The earliest, and largely grown for forcing. Small, almost globular; roots orange-red in color.

Early Scarlet Horn.—A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching for market and is sometimes forced. A fine table Carrot, and when pulled young is excellent for soup.

Long Red Attingham.—A sharply stump-rooted variety of medium size and the best for private gardens, for summer use; medium early.

Long Orange Improved.—An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper.

Oxheart, or Guerande.—Very distinct and desirable Carrot. Smooth, handsome, very thick and blunt-rooted; about 6 inches long, rapid grower and of fine quality; color orange-red; good fall-season Carrot.

White and Yellow Belgian.—Used principally for stock.

Price of the above.

CAULIFLOWER  Blumenkohl  Cavolo Fiore  Kalafiory
Culture.—For spring and early summer crop sow in March or early in April in hotbed; transplant to coldframe when sufficiently large, and to open ground as soon as danger of frost is over. For late crop sow at the same time as for late cabbage. One ounce of seed will produce 1,000 plants.

Holmes' Dry Weather

Holmes' Improved Early Snowball Cauliflower

Cauliflower.—Reaches perfection when ordinary sorts fail. This new strain originated in Denmark, but has been fully tested in America with the most happy results. We offered it in 1897 for the first time and are well satisfied with its behavior. It produces a large, solid, pure white head, maturing a little later than Snowball. It is in all respects a first-class Cauliflower, but is especially adapted to cold situations and is resistant to the effects of droughts. It will not thrive in poor soil or under bad treatment, as, like all other Cauliflowers, it requires manure and culture, but it will succeed with less rainfall than any other variety within our knowledge. It will also do well in moist or wet seasons, making heads equal to the best; but it is in dry seasons that its merits appear to best advantage, and we are confident that it will extend the culture of this delicious vegetable into locations in which it is practically unknown. See illustration.

Price of the above.

Extra-Early Dwarf Erfurt.—Good-sized heads; fine for open ground fall crop.

Price of the above.

Holmes' Improved Early Snowball.

A grand Cauliflower. For forcing, coldframe or open ground. See illustration.

Price of the above.

Velitch's Autumn Giant.—A large-growing, late variety, splendid white heads.

Price of the above.
NEW CELERY, EASY BLANCHING

The quickest and easiest to blanch

Superb quality, stringless and fine flavor

A new variety of Celery with remarkable easy-blanching characteristics, so much so that even those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance any Celery grown by the professional growers, and it will be found useful both for early use and for keeping during the winter months, characteristics which are extremely valuable in a Celery to be grown in the home garden.

The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it, and the ease with which it may be blanched, together with its long season for use, will strongly recommend it both to the amateur gardener as well as the commercial Celery grower. Pkt., 15 cts.; ½ oz., $1.00; oz., $1.75; ½ lb., $5.00.
CELERY

Culture.—Sow in a finely prepared seed-bed, and keep the bed moist. In setting, prepare shallow trenches, 6 inches deep and 4 to 6 feet apart; the plants 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Good plants may be set out as late as the middle of August. One ounce of seed will produce 4,000 plants; one pound will produce sufficient plants for an acre.

These grow quickly, blanch easily and are especially adapted for fall and early winter use.

Early Varieties

HOLMES’ IMPROVED GOLDEN SELF-BLANCHING CELERY

(FRENCH GROWTH) THE BEST EARLY CELERY

Critical Market Gardeners Say Ours is the Finest They Ever Had

For some time past we have been carefully selecting the stock of this well-known Celery from the original strain. We believe now that we have so far perfected it that when once grown you will have no other. The stalks are much broader than the White Plume and greatly superior in quality, and is ready for market almost as soon, producing dwarfer and much larger bunches of fine, heavy stalks, which are crisp, tender and of nutty flavor. We can recommend this particular strain to our customers.

Price of above, French Grown Seed: 25 cents.

IMPROVED SNOWWHITE CELERY

The new Snowwhite is a pure white, self-blanching Celery, introduced in 1902, after five years of careful selection and improvement. It is without a rival in purity of color.

HOLMES’ SCARLET PLUME.—Practically identical with White Plume; solid, stringless, flavor delicious, crisp and nutty.

Price of above: 25 cents.

HOLMES’ SELECTED WHITE PLUME.—Earliest variety grown; can be blanched for the table in September.

Price of above: 50 cents.

HOLMES’ EMPIRE CERESCELERY

Second-Early, Long-Keeping and Winter Varieties

HOLMES’ NEW GREEN CELERY, EMPEROR INTRODUCED BY US IN 1912

The finest-flavored, most brittle Celery ever grown

One of the largest seedsmen of the country said: “It is the greatest novelty that has been introduced since the introduction of the Burpee’s Bush Lima Beans.”

For seven years we have been selecting this seed, and growing from individual specimens to firmly establish the good qualities as given below:

First: To retain the flavor, which in the green state, is as fine as when blanched.

Second: Solidity, free from the hollowness so often found in many Celeries.

Third: The stems, instead of being moon-shaped, we have been breeding to as near round as is possible, and are found only in “Holmes’ Emperor,” a distinguishing characteristic not found in other sorts, and is fully established. When we say it surpasses every Celery known, you can rest assured we know. The market-gardener who grows Holmes’ Emperor will find a ready sale for it.

Price of seed, originator’s own stock, sealed: 25 cents.

Seed as sold by other dealers: 50 cents.

NEW COLUMBIA CELERY

A very early-maturing sort, unsurpassed in shape and quality, very stocky and heavy. The stalks are thick, almost round, resembling those of the Olga Pascal. The color has more of the rich yellow tint of the Golden Yellow Self-Blanching, which it resembles when trimmed and blanched for the market. Its quality is certainly fine, some connoisseurs considering it superior to any other variety.

Price of above: 25 cents.

Dwarf Golden Heart.—Large seed; solid stalks, blanched golden yellow.

GIANT PASCAL.—Desirable green winter Celery. Long-keeping; robust, healthy, stocky, 2-feet high.

Giant White Solid.—Sold as large-ribbed Kalamazoo. Compact-growing variety.

Perfection Heartwell.—Splendid for late use; excellentkeeper; fine flavor.

WINTER QUEEN.—Best late or winter keeper; ribs thick; very solid.

Price of above: 25 cents.

GIANT PASCAL, our own growing: 30 cents.

Soup Celery. (Old seed.) Excellent for flavoring. 50 cents.
“VICTORY” CORN

Ready for Market in Seventy Days

The Sweetest, Largest Eared and Most Prolific Sweet Corn Ever Introduced

“VICTORY” SWEET CORN can be planted as early as the Premo, when weather conditions are right. This corn will come in from seventy to seventy-five days, from ten to fifteen days later than the Premo, which is considered the earliest sweet corn grown today. The ears contain twelve rows of deep grains, which are protected by a heavy husk and two fine ears are frequently produced on one stalk.

C. S. CLARK, the noted Corn Grower of Ohio, says:

In regard to the Victory Corn will say that it is a splendid grower, very sweet and tender, fodder grows same height as Stowell’s Evergreen, full of red cast fodder making it very pretty to look at. The corn is itself pure and clean, free from smut, is well bred. You cannot say too much in its favor. It is a splendid shaped table ear, being eight to twelve rowed and is about the same season as Stowell’s.

It retains its whiteness when put up in the can, as distinct from the yellow tinge of the still popular original Stowell’s Evergreen. Price,

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15 to 25 pounds... at 40c per lb.
100 pounds............. $35.00
Holmes' Gold Coin
Evergreen

Howling Mob

Golden Bantam
SWEET, or SUGAR CORN

Gentleman. It is as early as the former, being one of the first of the main-crop varieties. We hope every one of our customers who has a spot in his garden will try it.

SPECIALTY

HOLMES' PREMO
Ready for the Table 60 days after Planting. We originated and introduced this variety in 1900

One of the earliest and best Sweet Corns in existence. The best seed can be had only from the introducers. Market gardeners will make no mistakes in planting this Corn for a money crop. It is a success, not an experiment.

HOLMES' PREMO is of the best quality. It is tender, sweet, deliciously flavored, and the ears are well filled to the very tip. It is so early that there is a full cup at the time of the very highest price. The stalks, which grow very strong and stiff, about 5 feet high, are free from smut and will grow in any soil as well as resist drought and bad seasons generally to a very marked extent. See Illustration.

SPECIALTY

HOLMES' SWEETHEART
Delicious Flavor; Ears 8 to 10 inches; Twelve Rows

This new sweet corn, now for the first time introduced by us, is one of the most valuable sweet corns offered in many years. The ears measure 8 to 10 inches in length, symmetrical shape with twelve rows of broad and very deep grains covering the small white cob from heel to tip. The cobs range in diameter from three-fourths to one inch. The grains do not shrink so much when rightly cured and dried as some of the other types, such as Country Gentleman and Evergreen. "HOLMES' Sweetheart" is the result of a close combination from both the Evergreen and Country Gentleman, and then crossed again with a variety which was obtained from a gardener specialist, which was named "French Honey," retaining the sweetness of the latter and the depth and breadth of the grain from the former varieties. It is a main crop, coming in two weeks earlier than the Evergreen. The grains are small, silver gray, semi-transparent. The stalks average in size from 7 to 9 feet. This depends greatly on the soil where planted. It is a full cropper, thrifty, hardy and prolific. Frequently, there has been as many as four well formed ears on one stalk, two on each side. It can be planted in this locality about May 1 to 10, afterwards in regular succession of ten days. See Illustration, back cover.

Price of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .50 .75 .00 postpaid. 25.00

SPECIALTY

HOLMES' TOP-NOTCH
Delicious Flavor, Ears from 10 to 12 inches Long

For several years we have been growing this variety. The Top-Notch strongly favors the Early Mammoth, but is much longer in the ears, measuring 11 inches. The grains are rather deep, and, as one gardener pronounces it, "the most delicious Corn for a late variety I ever used." It comes in about the same season as early Evergreen and is the largest and best Sweet Corn we have ever grown. Corn producing extra large, delicious flavor and earlier than the Evergreen, will do well to give the Top-Notch a trial. It comes in at the time when Sweet Corn brings its best price. See Illustration, cover.

Prices of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .55 .80 .00 postpaid. 25.00

SPECIALTY

HOLMES' GOLD COIN EVERGREEN

Every gardener in the world knows the Evergreen Corn. Our Gold Coin is a selected strain of the old Stowell's Evergreen, being more even and coming in even throughout the crop. We can recommend it as being far superior to the old strain and will test 90 percent of vitality. See illustration.

Prices of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .30 .60 .00 postpaid. 22.00

SPECIALTY

MORSE'S GOLDEN CREAM SWEET CORN

GOLDEN YELLOW COUNTIES' GENTLEMAN FLAVOR DELICIOUS

The verdict has been unanimous in its praise. Everywhere it has proved a much better Sweet Corn than our old varieties. It had an antique look, and we feel that it is worthy of first place among vegetable attractions this season. The kernels are long and pointed and are borne on a very slender cob in irregular rows. In its green state the kernels are light yellow, but they cook to a bright golden yellow. The stalks grow about 4 to 5 feet high and bear from two to four ears. The stalks are tinged with brown and the tip of the silk is also slightly brown. The ears vary in size, but average about 10 inches long, kernels after smaller than the old-fashioned Sweet Corn, but easily handled in eating. The flavor is delicious and in sweetness and tenderness resembles both parents, Golden Bantam and Country.

SPECIALTY

GOLDEN BANTAM SWEET CORN
This corn is extra early, very sweet and of a delicious flavor. As indicated in its name, the grain, when ready for use, is a rich, creamy yellow, deepening to an orange-yellow as it ripens. We do not recommend it as a market sort, as its color gives it the appearance of being old; but when once used it will be popular on account of its rich flavor.

Prices of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .20 .25 .00 postpaid. 22.00

SPECIALTY

HOWLING MOB, NEW
The finest large-eared second-early Corn, of delicious flavor. In the vicinity of Pittsburgh the gardeners plant this extensively, as they claim it is fat ahead of any other second-early Corn and sells on sight.

FIRST-EARLY VARIETIES

Early Adams, or Burlington.—Robust; early; productive; handsome ears for marketing, but of inferior quality.

Early Metropolitan.—Ears 9 inches long; 10 to 12-rowed, filled with luscious white milky kernels.

EARLY MINNESOTA.—Standard early of dwarf growth, coming in between Cory and Crosby's; ears fair size, good quality.

Extra-Early Dwarf Adams.—Not Sugar Corn, but sweet and tender. Small ears.

KENDEL'S EARLY GIANT.—Large handsome ears; ready in 70 days.

PEEP O'DAY. New. Good early variety.

White Cob Cory.—Extremely early, usually fit to use in from 50 to 60 days; ears 6 to 7 inches; milky white kernels; sweet, tender. Plants dwarf.

Prices of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .25 .45 postpaid. 22.00

MEDIUM-EARLY VARIETIES

Black Mexican.—Medium early, 8-inch ears, well filled with large kernels which, though black when ripe, are white when green and then exceptionally sweet.

CLARK'S NONESUCH.—Best large-eared, second-early Sweet Corn.

Crosby's Early. Second early, of fine quality.

Early Mammoth, or Asylum.—Much earlier than Late Mammoth.

NEW EARLY EVERGREEN.—Ears as large as Stowell's; 10 days earlier.

Perry's Hybrid.—Second early; large, white kernels; sweet, tender.

Shaker's Early.—Very large, white grain; early; productive.

Stabler's Early.—Large eared; second early; sweet.

Holmes' Delicious.—Very sweet, large and tender.

Prices of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .25 .45 postpaid. 22.00

LATE, or MAIN-CROP SWEET CORN

COUNTRY GENTLEMAN (Shoe-Peg, or No Plus Ultra).—Ears 8 to 9 inches long, cob small and internally coved with pearl white kernels of great depth; surprisingly sweet and tender.

Egyptian, or Washington Market.—Fine for market; ears large.

HENDERSON SUGAR.—An ideal midseason Sweet Corn.

Hickox.—Earlier than Stowell's Evergreen; good for drying.

Mammoth.—Very late; ears 14 inches; broad, white kernels; superb quality.

Moore's Concord.

STOWELL'S EVERGREEN.—The standard late, for home, market and canning; kernels long, tender and sugary.

WHITE EVERGREEN.—A high bred, ideal type of Stowell's Evergreen, with all its points of merit.

Zig-Zag Evergreen.—Good-sized ear; deliciously sweet.

Pop Corn: Golden Queen and Silver Lace.

Prices of above............. Pkt. Lb. 2 Lbs. 100 Lbs. .10 .25 .45 postpaid. 22.00
CUCUMBERS

Holmes' Special White Spine Cucumber

Holmes' Improved White Spine Cucumber

Holmes' Improved Long Green Cucumber

Davis Perfect Cucumber

The Davis Perfect Cucumber

CUCUMBERS

One ounce will plant about 50 hills; one to two pounds to the acre

Culture—An ounce will plant about 50 hills. Sow about first of May in turned-over soils or small pots, which can be bedded in the soil in the frames, and use little bottom heat. Transplant to open ground in three or four weeks; plants 3 or 4 feet apart each way, four strong plants to each hill. Two to three pounds per acre.

SPECIALTY

Holmes' Special White Spine

This Cucumber can not be praised too highly. It is nothing more or less than an extra-fine type of what is unquestionably the best and most widely grown Cucumber in America. It is unsurpassed as a table and market sort, and is also used for pickling. No other kind exceeds it in productiveness, and it is equally good for forcing under glass or growth in the open air. We have a record of where a single hill of three vines produced over 500 Cucumbers during the season. The fruit is from 5 to 7 inches long and 2 to 3 inches in diameter. Color, a beautiful dark green; straight, and does not turn yellow. The illustration shows most accurately the fine shape this Cucumber attains.

Cool and Crisp.—Extra early, tender and crisp, and a grand pickler.

Davis Perfect.—A forcing variety of excellent quality, shape and productiveness. See illustration.

Early Cluster.—An early, prolific, prickly, short green Cucumber.

Early Frame, or Short Green.—For slicing or pickling; productive; early.

Everbearing.—Form perfect; rich, deep green; desirable for pickling.

Extra-Early Green Prolific.—Ideal for pickling.

Extra-Early Long Green.—Very early and prolific.

Fordhook Famous.—Smooth, dark green fruits measuring 12 to 18 inches.

Holmes' Improved Arlington White Spine.—Early; very productive; fruit good size, straight and well formed.

Holmes' Jersey Pickle.—Produces more dark green pickles than any other variety we have tested.

Holmes' Improved Long Green.—Fruits 12 to 14 inches long; firm; crisp; excellent.

Klondyke.—An exceedingly productive variety; dark green in color.

Livingston's Emerald.—Large, smooth; deep green.

Cumberland.—Very prolific; fine for pickling or slicing.

Nichol's Medium Green.—Very productive; unsurpassed for pickling.

Price of above

Pkt.  Oz.  1/4 Lb.  Lb.

.65  .20  .60  1.75

NOVELTY

Holmes' Perfect

Its good qualities are its extreme earliness and prolificness. Very hardy, resisting unfavorable weather conditions; very dark green; attractive shape, and is a good size for slicing. A most profitable sort for shipping to distant markets.

Price of above

Pkt.  Oz.  1/4 Lb.  Lb.

.10  .20  .75  2.75

West India Gherkin, or Burr.—Small, prickly fruits; best for pickles.

Price of above

Pkt.  Oz.  1/4 Lb.  Lb.

.65  .25  .60  2.00
DANDELION

A useful salad plant, especially when Endive and Lettuce are scarce in winter. The roots are grown in a similar manner to Chicory, and large quantities of the blanched leaves are sold in the market for this esculent.

**Improved Large.** —Leaves broad and fleshy; very tender.

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**French.** —Leaves finely cut; mild and tender.

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**ENDIVE**

_The Cultivation of Endive._ —Sow for early crops in middle of April, and for succession to beginning of August; thin out to about 10 in. apart. A simple method of blanching is to put an inverted pot over each plant and cover it with leaves or straw. 1 oz. of seed will sow 150 ft. of drill.

**Holmes' Winter Golden Heart.** —The most beautiful and perfect form of Curled Endive yet introduced. It is exceedingly ornamental, of a distinct color, and bleaches admirably. Holmes' Winter Golden Heart Endive is greatly admired by all who grow it.

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**Holmes' Green Curled.** —Dwarf, and beautifully curled.

**EGG PLANT**

_The Cultivation of Egg Plant._ —Sow in gentle heat early in April, transplant towards the middle of June, setting the plants 3 feet apart each way. 1 oz. of seed produces about 1,500 plants.

**Black Beauty.** —Fruit jet black; good form and solid.

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**N. Y. Improved.** —A splendid market variety; fruit large.

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**KALE, or BORECOLE**

Kale is more Hardy than cabbage, and will endure considerable frost without injury. Cultivate like cabbage. One ounce will sow a drill about 200 feet. Three pounds will sow an acre.

**Dwarf Green-Curled Scotch.** —Beautifully curled; bright green; very hardy.

**HOLMES' IMPROVED DWARF GERMAN.** —(American-grown). Like the above except in color. This has a bluish tinge.

**Kohl Rabl, or Knol Kohl**

A useful vegetable, not nearly so much cultivated in this country in gardens as it would be were its merits known. Used as a substitute for Turnips, especially in hot dry seasons. The bulb grows entirely out of the ground. The Cultivation of Kohl Rabl.—Prepare a breadth of good, well-manured soil. Drill the seeds in rows, about 10 in. apart in May, and thin out to about 9 in. apart. They are ready for use when they attain the size of a small Turnip. 1 oz. of seed will sow 150 ft. of drill.

**Varieties.** —There are two varieties in general cultivation, the white and the purple.

**Earliest White.** —Garden Kohl Rabl.

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**Earliest Purple.** —Garden Kohl Rabl.

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**LEEK**

_The Cultivation of Leek._ —Sow early in April, and transplant early in July into trenches of well-manured soil, say 1 ft. in depth, and 1 ft. 8 in. between the plants. In warm weather liberal dressings of liquid manure will be of service, and the plants should be afterwards carefully earnt up to blanch the stems. For exhibition, sow in January in boxes under glass, and transplant as early as the ground can be worked into rich soil. 1 oz. of seed will sow 100 ft. of drill.

**Broad London Flag.** —Hardy; whole plant is edible; quick-growing for early use.

**Monstrous Carentan, or Scotch Champion.** —Grows rapidly and is very hardy; grows to large size, and is highly recommended. See illustration.

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LETUCE

Cultivation of Lettuce.—Sow the seed in hotbeds during February or early March. As the seedlings appear prick them into flats or cold frames, leaving several inches between the plants for growth. As soon as a nice, rich warm spot can be worked in the open, transplant the sturdiest plants in rows 1 foot apart and leaving 8 to 12 inches between the plants in the rows. For a succession of growths sow the seeds very lightly in open ground and thin the plants to 6 inches or more apart. Do this as often as one bed is rid of its result. Some varieties will do very well during the winter in a cool forcing house. 1 ounce of seed will produce 3,000 plants.

CABBAGE-HEADED VARIETIES

**NOVELTY**

**HOLMES' ZERO LETTUCE**

Resists Heat in Summer and Stands Longer Than Any Other Lettuce Without Going to Seed

As hard in winter as the winter Lettuce, Nansen, introduced a few years ago. Produces large, solid heads of a yellowish green color, being very crisp and of the most delicious flavor. Great value for market. See illustration.

**SPECIALTY**

**HOLMES' PERFECT LETTUCE**

A fine all-around Lettuce. It is an exceedingly quick grower with handsome buttery head, and can be used for both early and late sowings. Under glass it is the finest heat-resisting variety we know of outside of, probably, Holmes’ Zero. The inner leaves (practically the entire head) blanch to a rich golden yellow, and have a fine, rich buttery flavor. It is an excellent shipper and a good keeper. See illustration.

**NOVELTY**

**HOLMES' IMPROVED BIG BOSTON LETTUCE**

*(FRENCH GROWN)*

Quality Superb. Tender, free from any Bitterness. Absolutely will not turn Red

Similar to the old Big Boston, only runs much more even and larger in head; leaves lie close and form a compact, buttery head. It is praised by all users, and is a distinct strain, far superior to any other strain we have ever seen growing. We have given it the name “Holmes’ Improved” so as to distinguish it from any other strain on the market. Sold only under seal. See illustration.

For ordinary Big Boston Lettuce as usually sold by other seedmen, see general list.

Price of above .................................. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

Boston Market.—(Private Stock.) Ideal for forcing; fine quality; tender, sweet, crisp.

California Cream Butter.—Produces large, solid heads in cool weather.

Deacon.—Large, firm heading; fine buttery quality.

Denver Market.—Large, solid heads; leaves crisp.

Holmes’ Giant Crystal Head.—Exceeds every other variety in size and productiveness. Fine flavor, crisp, tender.

Big Boston.—Plants large; very vigorous; broad, comparatively smooth, hard, light green leaves.

Holmes’ Rapid Forcing.—Solid, golden-yellow heads; crisp, tender.

Improved Hanson.—A large, flat head, resembling that of cabbage; very tender and sweet.

Mammoth Black Seeded Butter.—Enormous head; tender, sweet and crisp.

Price of above .................................. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

**SPECIALTY**

**HOLMES’ IMPROVED GRAND RAPIDS LETTUCE**

Improved by Years of Selection; Grows Larger and Absolutely Free from “Rogues”

Almost Lettuce perfection, being free from the rogues found in almost every stock grown. Does not form heads, but makes large, compact bunches of light golden foliage, the leaves having finely curled or fringed edges. Delicious quality and handsome appearance make it most popular in many markets. See illustration.

Price of above .................................. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

CURLED, or CUTTING LETTUCE

This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing, as they keep growing after picking. The best are:

Black-Seeded Simpson.—Large, loose heads; curly, yellow leaves.

Early Curled Silesia.—One of the best cutting varieties.

Early Curled Simpson.—Yellowish green; curly; earlier than head Lettuces.

Early Prize-Head.—Large, loose heads, stained red; curled.

THE MORSE.—Light green; hardy. Superior to all.

Tommanock.—An upright Lettuce; tinged brown.

Price of above .................................. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

COS OR ROMAINE VARIETIES

Holmes’ Paris White Cos.—This remarkably fine Lettuce becomes more popular every season, and is without doubt the best and finest flavored Cos Lettuce in cultivation. Owing to the self-drying habit it possesses, no tying is required. The heads are very solid and crisp eating. It does not run to seed as quickly as other Cos varieties.

Price of above .................................. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.

May King.—Heads of globular shape, firm and close; color light green; ribs delicate and waved center is of a light yellow and very tender.

Iceberg.—A large solid-headed very crisp kind, the hearts of which under moderate cultivation weigh from 2 to 3 pounds.

NEW YORK, or WONDERFUL.—Immense heads; solid, crisp, tender, delicious.

Philadelphia Dutch Speckled Butter.—Large heads; excellent quality.

Philadelphia Early Dutch Butter.—Heads very compact; for forcing.

Philadelphia White Cabbage.—Large-headed summer variety.

Salamander.—Good-sized, compact and tender heads, creamy white inside; rich, buttery flavor.

Tennisball, Black-Seeded.—Very early, small, hard-heading variety.

THICK HEAD YELLOW.—Extra fine, large, summer variety.

Yellow-Seeded Butter.—Large, dense, yellow head; crisp, tender; fine flavor.

Price of above .................................. Pkt. Oz. $\frac{1}{4}$ Lb. Lb.
A cut head of Holmes' Improved Big Boston Lettuce, French Grown

A field of Holmes' Improved Big Boston

Holmes' Zero

Early Prize Head

Holmes' Perfect

Salamander
Pink Meat or Pollock No. 25

Robinson's Delicious Gold-Lined Cantaloupes

Delicious Gold-Lined Cantaloupe

Honey Dew Muskmelon

Kleckley Sweets

Tom Watson

Harris' Earliest Watermelon
MUSKMELONS

Melons

One ounce for 60 hills; 2 to 3 pounds in hills for an acre

Culture.—Melons thrive best in a moderately enriched, light soil; the hills should be 3 to 6 feet apart each way, according to the richness of the soil. Previous to planting, mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant 8 or 10 seeds in each hill early in May for planting in Harrisburg (for south earlier, for farther north later), and when well up thin out to 3 or 4 plants to the hill. One ounce for 60 hills; 2 to 3 pounds for an acre.

NOVELTY

ROBINSON'S DELICIOUS GOLD-LINED CANTALOUP

We have said so much at different times about our select stock of this splendid strain of Improved Gold-Lined Cantaloupe that a further introductory is not necessary. It is the acme of perfection in the green-fleshed strains, and we are keeping it right up to date.

Price of above.................................. Pkt. Oz. 3/4 Lb. Lb. .10 .10 .25 .50

NOVELTY

PINK MEAT, or POLLOCO No. 25

This variety was first introduced at Rocky Ford, Colo., in 1914, and met with instant favor. It is very similar to Delicious Gold-Lined in appearance. The fruit grows brillant in color principally in the color of the flesh. As the name signifies, it has a distinct pink flesh, very delicate in color and shape. Good shipper, uniform in size and shape. Being completely overset with fine netting, it has a most attractive appearance.

Price of above.................................. Pkt. Oz. Million Lb. Lb. .10 .25 .75 2.50

NOVELTY

HONEY DEW

The originator says: The original seed came from Africa and after crossing twice with the Rocky Ford and Casablanca, the Honey Dew was developed. The originator says:

I named the melon "Honey Dew." It is as sweet as honey and has the mingling of several flavors—pineapple, banana and vanilla predominating.

The average size of the melon is six inches in diameter and seven to eight inches in length, weighs five to six pounds. The skin is smooth, with an occasional net, is a creamy yellow white when ripe. The flesh is an emerald green, very thick, melting and very fine grained; can be eaten to the extreme seed. The seed cavity is very small. The fruit is Imperious to water, the melon does not shrink in weight, is not easily bruised and is a splendid shipper.

It ripens about ten days earlier than the Rocky Ford strains and is very prolific. Yields at the rate of 8,000 to 10,000 melons per acre. The melons ship from the vine when ripe and will keep several weeks; the late maturing ones may be kept until Christmas. Will grow where Rocky Ford varieties will thrive.

Price of above.................................. Pkt. Oz. 3/4 Lb. Lb. .10 .10 .25 .50

SPECIALTY

BURRELL'S GEM

Two facts about this Rocky Ford Melon will indicate its great value. Mr. Burrell, the introducer, from whom we get our seeds direct, sold 200,000 plants from 12 acres in 1920. The Fred Harvey eating houses, dining cars and hotels always specify it as their first choice. Its value is crowned by those things. The golden colored netting is similar to that of Rocky Ford Melon, making it very fine in appearance. The Melon is smooth and very solid and will ship across the continent, as it is possibly the best keeper known. The flavors of Rocky Ford and Osage are blended in the spicy, sweet and golden flesh. An abundant crop is produced—often 20 to 30 Melons from a hill, and each one weighing 2 or 2½ pounds.

See illustration.

Price of above.................................. Pkt. Oz. 3/4 Lb. Lb. .10 .10 .25 .50

WATERMELONS

Culture.—Select rich, deep sandy loam, well worked and highly manured. Scatter a dozen seeds to a hill, thin to three or four plants. When they have four or five true leaves pinch off the ends of the main shoots. One ounce seeds will do for four hills.

Colorado Reserving Citron.—Green seed. Also called Apple Pie.

Dark ICING.—Early, round, solid; thin, dark green skin; superior quality.

Dixie.—Large; deep green; fine shipper; solid red flesh; popular South, Florida Favorite.—Superior; large; oblong; striped, luscious red flesh.

Gray MONARCH, or Long White ICING.—Very large; long; crimson flesh.

Ice Cream, or Peerless.—Very early; red flesh; fine quality.

Jones' Umbrella.—Round; large size; dark green skin; good quality.

Light Ice Cream, or Ice Rind.—Round in form; finely ribbed; luscious red flesh.

Mammoth Tennessee.—Long; striped; late; red flesh; good shipper.

Meiber Sugar.—Large; fine quality; oval; flesh pale pink, sweet, melting.

MUSKHAWK SPAWN

The culture of muskmelons is easy if you plant fresh and thoroughly reliable spawn. They can be grown in a cellar, in sheds, hotbeds, or greenhouses. New spawn must be made at each planting.

Price of above, English, Brick.................................. 35 (40 postpaid) 2 2.25 3.50 11.00

American Pure-Culture Spawn—Brick.................................. 35 (35 postpaid) 1 1.10 2.00

MUSTARD

Schwamm-Fungo Pratagakia

Black, or Brown.—Large, succulent leaves, pleasantly pungent.

Giant Southern Curled.—A favorite in the South.

White London.—Leaves blanched in sulfer and forarding.

Price of above.................................. Pkt. Oz. 3/4 Lb. Lb. .05 .10 .20 .50

NASTURTIUM, or Indian Cress

The seed pods, gathered green, are delicious; pickled and used for seasoning like capers.

Dwarf.—Mixed varieties. A trailer requiring no support.

Tall, or Large.—Climber 10 feet high; ornamental flowers. In many varieties mixed.

Price of above.................................. Pkt. Oz. 3/4 Lb. Lb. .05 .10 .15 .40 1.10 1.25

OKRA, or GUMBO

Ochre, Ocre

Dwarf Prolific.—Of dwarf, stocky growth; very early and prolific.

White Velvet.—Large, round, smooth pods; never ridged; prolific.

Price of above.................................. Pkt. Oz. 3/4 Lb. Lb. .05 .10 .15 .20 .60
CHOICE ONIONS

We pride ourselves on selling the very best Onion Seed that can be produced, and are now supplying some of the largest Onion growers of the country. By sowing our seed, large Onions may be produced directly from the seed. See testimonial below.

Culture.—Sow in early spring, in moist soil, as soon as the weather will permit, in rows 12 inches apart, or only a few small Onions will be the result. Manure highly (20 loads) to the acre being used by market-gardeners with profit, and if manure is not plenty, some good phosphate, at the rate of 400 to 800 pounds per acre, will give splendid crops. A top dressing of wood ashes, applied after the second weeding, is very beneficial.

CAUTION.—Beware of cheap Onion seed. Fresh new seed, such as we sell, will test 90 to 95 percent. If you are led by low prices to purchase Onion seed from doubtful sources, test it before planting. Our prices are as low as reliable seeds can be bought. The lowest priced Onion seed is not always the cheapest.

SPECIALTY

HOLMES' OHIO YELLOW GLOBE

GUARANTEED OHIO GROWN

A selected strain, uniform shape, attractive color, mild flavor, and produces enormous crops of large Globe Onions. Grown in Ohio for us by one of the best growers who has been selecting this strain for a number of years. Note the shape in the illustration.

Our strain of this particular Onion has the finest shape, best color, and yields the largest crop of any yellow Onion. The heaviest yield of Onions is always obtained from rich, black lands. On such soils a globe-shaped Onion, with a somewhat flattened base, gives largest returns; the bulbs are large and uniformly spherical, with very small necks, the largest diameter below the center of the bulb; of a rich orange-yellow; enormous yielders and splendid keepers. See Illustration.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .15 .35 1.25 4.00

YELLOW GLOBE DANVERS (as usually sold).—Of uniform size; bright yellow; immensely productive; mild, tender, of fine flavor.

ROUND, or FLAT YELLOW DANVERS

As grown by us, this is a fine, selected strain, combining extreme reliability in ripening with large yield. It is grown extensively for market, ripening more surely in moist locations than do globe-shaped varieties, as well as earlier. It is becoming most popular also for growing Yellow Onion sets. Our strain produces thin-necked, flattened bulbs which are quite thick through, yielding well in bulk.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .05 .20 .65 2.25

MARKET GARDENERS AND THOSE WHO USE ONION SEED IN LARGE QUANTITIES SHOULD WRITE US FOR SPECIAL PRICES

WHITE PORTUGAL, or AMERICAN SILVERSKIN

A medium-sized Onion of mild flavor; it is a good keeper and fine for fall and early winter use.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .10 .30 1.00 3.50

YELLOW STRASBURG, or DUTCH

The large Onions are flat, round, thick through. Skin yellow; flesh pure white, mild flavored; productive; best for sets.

SOUTHPORT RED GLOBE ONION

The Onions from Southport, Conn., generally command an extra price in New York markets because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop. The Southport Red Globe is of medium size, spherical, with small neck, very deep, rich red in color, and of superior quality.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .05 .20 .75 2.50

SOUTHPORT WHITE GLOBE

Yields abundantly, producing handsome and uniformly globe-shaped bulbs. The flesh is firm, fine grained and of mild flavor. See Illustration.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .10 .35 1.00 3.75

SOUTHPORT YELLOW GLOBE

This is of the same general character as the Southport White and Red Globes, except that the skin is a rich yellow; flesh pure white and of a milky and delicious flavor. It is one of the most popular of the Yellow Globe Onions. These three varieties of Southport Globe Onions we have carefully bred up for years. All three Southport Onions ripen very evenly and on this account particularly are wonderful keepers.

EXTRA-EARLY RED

A medium sized, flat variety of deep red; an abundant yielder. It is very uniform in shape and size, moderate in flavor; ten days to two weeks earlier than Wethersfield. Especially good for a cool climate where other varieties fail to produce full-sized Onions.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .10 .30 .75 2.50

PRIZETAKER (AMERICAN-GROWN)

The true American-grown Prizetaker is larger and more uniform in growth than any other yellow variety. It is of beautiful appearance, with outside skin of a rich straw color, while the flesh is white, sweet, mild and tender. The average size is 12 to 16 inches in circumference; the weight sometimes reaches 5 pounds.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .10 .30 1.00 3.50

LARGE RED WETHERSFIELD

A Leading Variety. Produces Enormous Crops of Solid, Heavy and Perfect Onions

This is a grand red variety and a general favorite. With the exception of the Yellow Globe Danvers, there is no variety so largely grown. Our stock is excellent, being saved from only carefully selected bulbs; will be found quite free from necky and misshapen bulbs, and will invariably grow to a large size under proper conditions. The surface color is a rich, dark red. It is an early variety to mature and a fine keeper. The flavor is good and mild, and is an admirable Onion for boiling.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .05 .20 .65 2.00

ONION SETS

White and Yellow Onion Sets.—Grown from our select strains. The price per bushel is subject to change with the market. Write for quotations. Per qt., postpaid, 35 cts.

ITALIAN AND PICKLING ONIONS

Adriatic Barletta.—Very early; small; pure white with silver skin; flesh mild, but firm; fine for pickling.

Queen.—Very early; small; flat; white and mild pickling Onion.

Silver King.—White-skinned Onion; immense size.

Price of above.......................... Pkt. Oz. $4 Lb. Lb.
Postpaid .10 .35 1.25 4.00

These prices are subject to change without notice.
Holmes’ Improved Ohio Yellow Globe Danvers Onion Seed Ohio Grown

Ontario, N. Y.
Septemb 7 16, 1918.
Holmes Seed Co.
Harrisburg, Pa.
Gentlemen:
The Ohio Yellow Globe Onions which I purchased from you this spring were entirely satisfactory, both as to germination and to strain, and I expect to average at the least 700 bu. to the acre.
Inclosed find my order for 1919.
Yours Resp.
John P. Sheahan.

Prizetaker Onion

Round or Flat Danvers Onion
HOLMES' PROLIFIC SWEET PEPPER

Culture.—Sow in hotbed in April, and in warm, settled weather transplant outdoors 18 inches apart in rows 3 feet apart, or, when all danger of frost is past, sow in open ground and thin. One ounce will produce about 3,000 plants.

The most prolific Pepper grown and absolutely sweet.

Not only is it productive for so large a Pepper, but its size and appearance make it sell on sight. Fruits may be gathered early in July. The meat is thick and can be eaten like an apple. We have counted 43 full-sized Peppers on a single plant, and the crop will yield 18 to 30 fruits on each plant.

NEW CHINESE GIANT.—Strong; stocky growth; bushy; erect; growing 18 inches to 2 feet high. Very prolific. Peppers very large in size; flesh thick, very mild. See illustration.

NEW RUBY GIANT.—Extra large; vigorous in growth; mild and sweet as an apple makes fine salad with tomatoes. See illustration.

EATLY NEAPOLITAN.—Fruits may be gathered the last of June. Thick-meatcd, usually mild and sweet; bright red. Plants frequently carry 30 to 40 handsome fruits. See illustration.

Golden Queen.—Golden yellow; sweet and delicate flavor.

Large Bell, or Bull Nose.—Large; early; bright red; mild.

Long Red Cayenne.—Late; small, bright scarlet; cone-shaped; pungent pods.

Red Cluster.—Dwarf, compact; small, thin, red pods.

Ruby King.—Proli fic; early; ruby-crimson; flesh thick, mild, sweet. See illustration.

Sweet Mountain, or Mammoth.—Very mild flavor.

PARSNIPS

PARSLEY

Holmes' Hollow Crown Parsnips
“VICTORY” PEAS
The Favorite for a Large, Late Pea. Illustration Accurately Engraved from Photograph

This marvelous, sweet, wrinkled pea grows one-half larger than The Duke of Albany, or Alderman. The pods are produced in pairs and contain from eight to twelve peas of exceptionally rich flavor to a single pod. Haulm is sturdy and this pea grows to a height of 3 1/2 to 4 1/2 feet, according to the season, fertilizer used, etc. It is one of the largest croppers that we know of and the quality is exquisite. The “VICTORY” is a main crop variety and we believe that anyone who gives this pea a fair trial will be more than satisfied with the results obtained, be he an amateur or a regular market gardener.

Prices of above:

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HOLMES SEED COMPANY, HARRISBURG, PA.
31
New English Pea, Little Marvel Gradus Pea. (If actual size; from photo.)

New English Pea, Sutton's Excelsior

VERY PROLIFIC AND SWEET

Mammoth Luscious Sugar Pea.
**NOVELTY**

**NEW ENGLISH PEA, LITTLE MARVEL**

Still another year's experience makes us hold this distinct, new, dwarf first-early in even higher esteem. We are sure that as soon as American gardeners, whether for market or for pleasure, become acquainted with Little Marvel, they will drop both Little Gem and Nott's Excelisor, popular as these two varieties are today. The vines of dwarf, even growth, average 15 inches in height and are heavily set with fine pods, frequently borne in pairs. The pods average 2½ inches in length, are square at the bottom and well filled with six to seven quite large, deep green Peas. The Peas are ready for the table fully as early as American Wonder or Nott's Excelisor, while the pods are larger and the vines produce a much heavier crop. All who desire a fine early crop of the choicest quality wrinkled Peas will be delighted with Little Marvel. See illustration.

**NOVELTY**

**NEW ENGLISH PEA, SUTTON'S EXCELSIOR**

Its great merit is that it is an early, wrinkled Pea in the front rank for earliness, yet with much larger, handsomer pods than any other dwarf wrinkled. Similar in habit of growth to Nott's Excelisor, which is one of the most popular, it holds the place in the extra-early class that is now so acceptably filled by Stratagem and Telephone in the later sorts. The height is about 12 to 14 inches, showing a abundant growth of long, broad, straight pods of pale green.

**Price of above.**

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**GRAND NEW GARDEN PEA, QUITE CONTENT**

A sensational novelty of English which is, without doubt, the largest podded Pea in existence. At all the principal shows in England Carter's "Quite Content" is now being exhibited. It is ready for picking at the same time as the well-known Alderman, which it closely resembles, but has considerably larger pods. The vines attain the height of 5 to 6 feet; pods enormous, dark green, measuring 5 to 6 inches in length and contain 8 to 10 Peas of delicious flavor. We have seen pods of this new Pea 7 to 8 inches long and fairly crowded from tip to tip with fine large tender Peas.

**NEW LATE PEA, ALDERMAN**

This fine second-early, wrinkled Pea has proven in our trials to be a very desirable acquisition. We predict for it a place in every catalog, and, once in the hands of the gardener, the old Telephone and Duke of Albany will be forgotten. Vines vigorous, growing about 3½ feet high, with coarse, dark-colored leaves and producing an abundance of very large, dark green pods, filled with immense Peas of delicious flavor. A splendid shipper and we recommend this to all large Pea growers.

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**DWARF EXTRA EARLY VARIETIES**

**American Wonder.**—10 to 12 inches. Extra early; of dwarf, compact growth, wrinkled; of the finest quality.

**Little Gem.**—16 to 18 inches. A dwarf, green, wrinkled Pea, prolific and of excellent flavor. A few days later than above.

**Nott's Excelsior.**—14 inches. A superior dwarf, wrinkled early; ready for the table in about 45 days; vigorous constitution and wonderfully productive; quality extra fine.

**Premium Gem.**—15 inches. A fine dwarf Pea of the "Little Gem" type, on which it is a great improvement.

**EXTRA EARLY VARIETIES OF MEDIUM HEIGHT**

**Alaska.**—3 feet. A wonderfully early, smooth, blue Pea; vines slender; pods very dark green, about 4 inches long, well filled with small, smooth, blue-green Peas. The earliness, uniformity in ripening and deep color render it a desirable market and canning Pea.

**Holmes' Pedigree Extra Early.**—2½ feet. An extra early round, smooth white Pea unequalled in earliness, uniformity in ripening, size, yield and flavor. The universally popular extra early Pea for both market and private gardens.

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**NOVELTY**

**NEW PEAS—HOLMEX MASTERPIECE—Extra-Early, Large Peas**

We have watched the behavior of this splendid Pea with much interest, for it always seemed to us that it would outrank, as a large early Pea, the justly famous Grandus, or Prosperity, and it has. We believe this to be one of the finest and most prolific large-podded Peas ever introduced. The pods contain 8 to 10 perfectly formed Peas, and are of such large size and excellent flavor that we can find no fault with them. We estimate that in quality and flavor the Peas are all that can be desired. See illustration, back cover.

**NOVELTY**

**NEW ENGLISH PEA, LAXTONIAN**

This is the Largest Podded of All Early Dwarf Peas

A new sort of decided merit. The vines are vigorous, growing about 10 inches high and producing a large crop of considerable pods, averaging from 9 to 10 Peas to the pod. The Peas are of exquisite flavor and mature early. Many people who have tried Laxtonian consider it superior to either Gradus or Thomas Laxton and claim it to be the best of all the early dwarf sorts. It is certainly worth a trial. See illustration.

**Price of above.**

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**SPECIALTY**

**NEW PEAS, GRADUS**

**ALSO CALLED EARliest TELEPHONE**

Earliest Large-Podded Pea ever introduced—Height 3 feet; Plant Thickly

In the Gradus we have one of those long strides of progress not often found in the ordinary advancement of vegetables. The variety is an imported one, having been raised by Thomas Laxton in England. The vine has very heavy stems and produces uniformly large pods, measuring 4 to 4½ inches long, neatly round, and well filled with 8 to 10 large handsome Peas. In flavor and quality Gradus is of the highest "marrow" type, malting and sugary, retaining, when served, its bright, vivid green.

**SPECIALTY**

**NEW PEAS, THOMAS LAXTON**

A new variety, producing large pods in abundance. Delicious; matures as the extra-early smooth Peas and, being a wrinkled sort, is much sweeter.

**Price of above.**

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**SECOND OR MEDIUM EARLY VARIETIES**

**Advancer.**—2½ feet. A great favorite and popularly known as the Dwarf Champion; green, wrinkled peas of fine flavor.

**Abundance.**—3 feet. A deservedly popular variety, branching from the bottom and bearing abundantly round pods 3 to 3½ inches long, well filled with 6 to 8 large wrinkled Peas of excellent quality.

**Everbeard.**—3 feet. A prolific and continuous-bearing Pea, giving it especial value for both summer and autumn use; pods 3 to 4 inches long, containing 6 to 8 large wrinkled peas, ½ inch in diameter.

**Horford's Market Garden.**—2 feet. A grand wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with peas of sweet flavor.

**Carver's Daisy, or Dwarf Telephone.**—Cross of Stratagem on Telephone. Very productive. Pods long and well filled.

**NEW DWARF CHAMPION.** A fairly, robust and vigorous grower of handsome green pods and the quality is unsurpassed. Height of vine 26 inches, 68 days from planting. For a reliable, staple market variety we believe it will fill a long-felt want.

**MAIN CROP OR LATER VARIETIES**

**Long Island Mammoth, or Telegraph.**—Large pods and peas. 3½ feet. Pride of the Market. (Imp.) Large pods; popular for market. ½ feet. Yorkshire Hero. A spreading variety; very productive, 3 feet. Duke of Albany, or American Champion. 4½ feet. A grand, large-podded, wrinkled Pea, one of the finest medium-sized peas, the largest of all varieties, while the quality is superlatively fine, tender, rich and sweet; very productive.

**Champion of England.**—5 feet. A superior selection of this well-known favorite, noted for the rich, marrow-like quality of its large wrinkled Peas.

**June.**—2 feet. A dwarf main crop, green, wrinkled, marrow Pea of superb flavor and vigorous constitution.

**Price of above.**

<table>
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<th>Pkt.</th>
<th>Lb.</th>
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<td>.10</td>
<td>.35</td>
<td>.60 postpaid.</td>
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SUGAR, or EDIBLE-PODDED PEAS

The pods are cooked like string beans; if used when about half-grown, they are deliciously tender and sweet.

PUDDINGS

MELONEN KURDISCHER ZUCKER BANANEN

MAMMOTH GOLDEN CASHAW, or CROOKNECK

This splendid variety is of a rich golden-orange color, and grows to a large size. In its early stages it is dark green, ripening to a warm and rich color. The flesh is much thicker, sweeter and finer grained than any other Pumpkin, and a deep rich yellow. For making pies this variety is superior, while for stock feeding and keeping purposes it has no equal.

JUMBO, or MAMMOTH POTIRON

No other Pumpkin ever introduced has reached such enormous weights, and been awarded so many prizes. Hundreds of our customers have raised specimens weighing over one hundred and fifty pounds each. It frequently attains a diameter of over 4 feet. The flesh and skin are golden yellow, and, notwithstanding its enormous size, it makes a good table Pumpkin.

PURE NORTHERN-GROWN SEED POTATOES

SPECIAL NOTICE.—This year Seed Potatoes are very scarce and FIRST-CLASS stock will be hard to get. Our stock will be the same as in former years—pure and of the finest selection.

Holmes Improved Early Ohio.—This grand strain of the old reliable Early Ohio is, without doubt, the earliest and most productive variety.

Irish Cobbler.—One of the best extra-early varieties. Very large, white and heavy cropper; of excellent quality. Earlier than the Ohio.

Wisconsin Gold Coin.—Excellent flavor; small shallow eyes, thin skin, fine-grained flesh; shape slightly oblong, rather broad and thick through. The strong-growing quality and exceptional productiveness make it the best Potato for general crop.

AS THESE PRICES ARE MADE EARLY, THEY ARE SUBJECT TO CHANGE WITHOUT NOTICE.

WRITE FOR PRICES
IRISH COBBLER

The most popular early variety grown at the present time. We sold more bushels of them last spring than ever before and more than any other early variety. Our customers are more than pleased with them and report having harvested large, handsome, white tubers, very early. They cook dry and the flavor is fine. Will keep good until late in spring. One of our contract growers reported 250 bushels per acre on his farm last season.

The above photograph was taken from a field of Irish Cobblers grown on Mr. Robt. Waltons’ East End Truck farm. Note how even the entire crop grows.

Holmes Seed Co.,
Brooklyn, N. Y.,
July 29th, 1918.

Gentlemen:
The Holmes Emperor Celery which I purchased from you, I consider the finest celery ever introduced. The beauty of this celery is that you can eat the green at the top of the stalk just as well as the blanched stem and it is just as sweet and nutty at one end as the other. Any private or market gardener who wants a good celery will do well to give this a trial.

Yours very truly,
A. F. Bucher.
RADISHES

Our stock of Radishes is French-grown. Being sown in beds and transplanted, we are positive of having straight sorts.

Culture.—Radishes delight in light, rich, mellow soil, and to be crisp and tender must make rapid growth. For very early use, sow in a gentle hotbed in January, and continue sowing every two weeks until September, in drills 10 inches apart, thinning plants to 2 inches apart. Sow winter Radishes in midsummer and take up before severe frosts and store in sand or earth in a cool cellar. One ounce will sow 100 feet of drill; 10 pounds in drills will sow an acre.

WHITE STRASBURG SUMMER

This variety is now the most popular summer Radish. Both skin and flesh are pure white, almost transparent, and of a delightful, pungent taste. It can be pulled five weeks from time of sowing, yet it will continue to grow without losing its fine quality and remains tender longer than any other summer sort. See illustration.

EARLY LONG SCARLET SHORT TOP IMPROVED

This variety is a standard and excellent sort for private gardens or the market. The roots grow half out of the ground, are very uniform in shape, smooth and very bright red in color, and continue crisp and tender until fully matured, when they are about 6 inches long. This is the variety grown so extensively in Petite Cote, Ontario, where the finest Radishes in America are produced.

EARLY SCARLET TURNIP WHITE-TIPPED

Or Cooper's Sparkler

Handsome; a little later than the extra-early forcing Radishes, but will give entire satisfaction where extreme earliness and small top are not the chief consideration. Roots slightly flattened on the under side; color very deep scarlet with a distinct white tip; flesh white and of the best quality; fine flavored, crisp, juicy, solid, and with never a hint of pithiness. This is an excellent variety, both for home and market purposes.

Price of above................. Pkt. Oz. 1/4 lb. lb.
Postpaid .05 .20 60 2.50

NEW WHITE ICICLE

The finest flavored quick-growing Radish now in cultivation

We have no hesitancy in saying it is one of the finest long, white, forcing radishes known. The name is derived from the almost transparent whiteness of the root, which has no comparison among all existing Radishes. Leaves are short; taste is exceedingly fine. When well cultivated, Icicle produces its 1 1/4 to 4-inch cylindrical roots within 22 days from date of sowing. This means the acme of crispiness. We find that for successive planting Icicle succeeds as well in midsummer as when sown early; even in an advanced state it retains its fine flavor, never becoming woody. See illustration.

HOLMES' ROYAL RED FORCING

Best for forcing in or out doors; quick grower; makes Radishes in three weeks. Globe-shaped; deep red; crisp and tender; tops small. The beautiful color and shape of this Radish make it a very attractive table relish.

GIANT FORCING

For Forcing or Open-Field Culture

A Variety for Market Gardens

CRIMSON RADISH

A new Early Turnip Radish, double the size of any of the early turnip-shaped type. This variety develops to 6 and often 7 inches in circumference, weighing up to an ounce per bulb, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, the flesh remaining sparkingly white, solid, crisp and juicy, and of the mildest flavor. The shape of the bulb varies between round and almost oval, but the bright, deep crimson color of the skin remains quite constant. Excellent, both for forcing and open-ground culture.

FELTON'S MODEL WHITE BOX RADISH

Felton's Model possesses all the excellent qualities of the old Philadelphia White Box, but is superior in being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown much thicker in the row, enabling the grower to raise at least one-third more Radishes in the same space under glass, in boxes or open ground.

Price of above.................. Pkt. Oz. 1/4 lb. lb.
Postpaid 10 25 .60 2.50

EARLY ROUND, or TURNIP-SHAPED RADISHES

Early Round Dark Red.—Rich, dark red; medium; uniform.
Early Scarlet Turnip.—Medium; bright scarlet; mild flavor.
SCARLET BUTTON.—Small; round; bright scarlet, white tip.

EARLY OLIVE AND OVAL-SHAPED

French Breakfast.—Oval; bright scarlet; white tip; dainty on the table.
HOLMES' DAINTY FORCING.—Three weeks; sweet, tender and crisp; olive shaped.
Scarlet Olive Shaped.—Half long; bright scarlet; flesh white; excellent for market.
White Button.—Earliest yellow; fine for early or summer.
Yellow Olive Shaped.—Second early; skin golden yellow; tender.

SUMMER AND AUTUMN

CHARTIER.—Summer Radish; long; large; handsome; flesh white; delicious.
Giant White Stuttgard.—Turnip-shaped summer Radish; tender, mild.
Half-Long Deep Scarlet, or Paris Beauty.—Bright; crisp; flesh.
White Summer Turnip.—A flat, round, early summer Radish.

WINTER

California Mammoth White.—A favorite winter Radish.
Long Black Spanish.—A leading winter variety; excellent keeper.
Rose China Winter.—Skin rosy red; flesh white and firm.
Round Black Spanish.—Roots round; skin black; flesh white.

Price of above................. Pkt. Oz. 1/4 lb. lb.
Postpaid 10 25 .60 2.50

WHITE CHINESE, or CELESTIAL RADISH

Never has a winter Radish won so much favor, and indeed it is worthy of all the praise given it. Mr. Austin G. Rupp has been growing this variety for some years and gets very high prices in market for the Radishes. So valuable did he consider it that for years he thought it policy not to tell his neighbors the name of the Radish. The true stock of this variety is stump-rooted, as will be seen in the photograph, and although a winter Radish, it can also be grown in late summer, as were those photographed and shown in our illustration. The flesh is firm, solid and pure white. It keeps all winter in prime condition and is of mild flavor.

Price of above.................. Pkt. Oz. 1/4 lb. lb.
Postpaid 10 25 .60 2.50

CROP ALMOST AN ENTIRE FAILURE "SA
Sparkler, or White Tip Scarlet Turnip Radish

White Strasburg Summer Radishes

Icicle Radish (from a photograph)

Early Scarlet Turnip Radish

Holmes’ Royal Red Forcing Radish

Felton’s White Box Radishes

Holmes’ Scarlet Globe Radishes
RHUBARB, or PIE PLANT

Rhubarb, also known as Pie Plant, or Wine Plant, is the earliest spring vegetable and is grown for its leaf stalks, which are extensively used for pies and sauce.

Rhubarb succeeds best in deep, somewhat retentive soil, and the richer this is and the deeper it is stirred, the better. Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall transplant into very hilly, vigorously and deeply stirred soil, setting them four to six feet apart each way and giving a dressing of coarse manure every spring. The stalks should not be pulled until the second year. When a blossom stalk appears, it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed. Our seed is saved from selected plants of the Linneaus, Victoria, Giant and other improved sorts, but it is not known to reproduce the same varieties.

Roots—by mail, prepaid, 15c each; by express or parcel post, not prepaid, $1.25 per dozen.

Price of above

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SQUASH

Culture—The squash is one of the most nutritious and valuable of garden vegetables. The summer varieties come to the table early in the season, while the fall and winter sorts can be had from August until the following spring. The winter varieties are very well adapted for stock feeding, and we heartily recommend them for that purpose.

Squash plants are very tender and sensitive to cold and so planting must be delayed until settled warm weather. General methods of culture are the same as for cucumbers and melons, but the squash is less sensitive to unfavorable conditions of soil. Summer varieties should be planted four to five feet apart each way, and winter sorts eight to twelve. Three plants are sufficient for a hill. In gathering the winter sorts care should be taken not to bruise or break the stem from the squash, as the slightest injury will increase the liability to decay. Winter squashes should be stored in a moderately warm, dry place and the temperature kept as even as possible. For those who desire very early squashes, seed can be planted in boxes, and transplanted.

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Insect pests that attack the vines when small, such as the striped beetle, may be kept off by frequent dustings with oil, slaked lime, tobacco dust, or oil. As ashes will not be allowed to exhaust itself by running to seed. Our seed is saved from selected plants of the Linneaus, Victoria, Giant and other improved sorts, but it is not known to reproduce the same varieties.

Boston Marrow—fall and winter variety; large, oval form; skin thin, bright orange, with netting of light cream-color, flesh rich salmon-yellow, fine grained, excellent flavor.

Fordhook—early; sweet; dry; good summer variety; oblong.

Golden Custard, or Yellow Bush (Cymin).—Mammoth scollop bush; extra quality.

Golden Hubbard.—A true Hubbard, except in color, which is bright red. wonderfully productive, fruits weigh six to eight pounds; shell warty and strong; flesh deep orange to yellow; cooks very dry; good flavored.

Improved Hubbard.—One of the best winter squashes; flesh bright orange-yellow, fine-grained, very dry.

Mammoth White Bush Scallop.—Fruit beautiful, clear waxy white; superior in size and beauty.

Mammoth Yellow Summer Crookneck.—Vine larger and stronger than the old Summer Crookneck, and producing fruit fully twice as large, deeper colored and with rough surface.

Price of above

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AUTUMN AND WINTER

Delicious (Gregory).—Fine quality; excels any in flavor.

Large Warted Hubbard.—Large size; productive; hard, green, warty shell.

Mammoth Chili.—Ten weeks 200 pounds; flesh rich, fine flavored.

Price of above

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SALSIFY (Vegetable Oyster)

Culture.—It succeeds best in light, well-enriched soil. Sow early and quite deep. The roots are perfectly hardy and may remain out all winter, but should be dug early in spring. One ounce for 75 feet of drill. Ten pounds to the acre.

Large White.—Common variety; medium-sized; smooth; flesh white.

Price of above

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SPINACH

Culture.—Sow in early spring in drills a foot apart, every two weeks for a succession, and thin out for use. For fall use sow in August; for winter in September. Cover with straw or leaves in winter. Varieties reproduced (*) may be sown in the fall for spring crops. One ounce will sow 100 feet of drill. Twelve pounds to the acre in drills.

*BLOOMSDALE or Norfolk Savoy.—Fall planting; fleshy; curled; hardy.

*Giant Ekimo.—New; a variety we imported from Japan; very large.

LONG SEASON.—Can be grown successfully in hot weather without going quickly to seed. Leaves are very dark green, and grow in a thick, rounded cluster; tender and succulent; remain fresh and crisp for a considerable time after cutting.

Round-Standing.—Excellent; compact; thick, fleshy, dark green leaves.

New Zealand.—Abundant; never cooks stringy.

*Thick-Leaved.—Produces large, thick, bright green, crumpled leaves.

WRITE FOR SPECIAL PRICES OF SPINACH IN QUANTITIES 30
HOLMES' EVERBEARING TOMATO

NOVELTY

THE EARLIEST, LARGEST, MOST PROLIFIC AND MEATIEST RED TOMATO GROWN

This wonderfully prolific new Tomato was introduced by Holmes Seed Co., of Harrisburg, and was illustrated in one of the Harrisburg daily papers, July 20, 1912. The illustration is from a photograph of one stem bearing 17 fine large fruits, and weighing 71/2 pounds. The clusters will average 15 fine, large, red or scarlet Tomatoes, and the beauty of it is that they all run about the same size and absolutely free from the acidy taste so common in most varieties. The seed-cavities are exceedingly small, and we believe it to be the meatiest Tomato grown. This Tomato combines all the good qualities of each parent—earliness of the Earliana, size from Panderosa, and color and smoothness of the Stone.

Price of originator's own stock... Pkt. Oz. 1/4 lb. lb.
Postpaid .10 .75 2.25 7.50

The above illustration from Photograph of single vine showing 64 fruits and single fruit showing size attained.
TOMATOES

All our Tomato seeds are from seed stocks carefully selected. We challenge comparison with any offered.

Culture.—Tomatoes do best on light, warm, not overrich soil. Sow in hotbeds from six to eight weeks before they can be set out of doors; when the plants have four leaves transplant into shallow boxes or coldframes, setting them 4 to 5 inches apart. Set out of doors as soon as danger from frost is over. The fruit will be better in quality if the vines are tied to trellis or stakes.

One ounce for 1,500 plants, 1/4 lb. for an acre.

Holmes’ Everbearing Tomato.  Full description see page 31.
Lb.

SPECIALTY BEEF STEAK, or CRIMSON CUSHION
THE VERY BEST LARGE-FRUITED BRIGHT CRIMSON TOMATO

The Crimson Cushion is well worthy of its name; in beauty of coloring and symmetry of form, it is indeed without a peer. The vines are of strong, vigorous growth, well set with fruit, the foliage is dark rich-green in color. The fruits are of the largest size, which is maintained from the smallest up to the enormous ones.

ENORMOUS.—Most large Tomatoes grow rough and of bad shape for slicing, but these giants are smooth, round, solid and with few seeds. A standard main-crop Tomato of great size. "Everybody is buying it.

SPECIALTY "EARLY BONNY BEST."—Nearly as early as Early Purple-Top. Well covered with the scarlet and ripening even up to the stems; round and slightly flattened at the stems. Of good size and uniform. Good for early, medium and late crops.

CHALK'S EARLY JEWEL.—One of the best for main crop. Bright scarlet; very solid; fine flavor.

Crime's June Pink.—Extra early; fruit smooth, about 3 inches in diameter, of good flavor.

DWARF CHAMPION.—Early; prolific; smooth; medium-sized; pink-purple.

Livingston's Coreless.—Bright red; immense clusters; mild acid flavor.

LIVINGSTON'S DWARF STONE.—Resembles Livingston's Stone in color and shape. Specimen fruits weighing 1 pound are common. More productive and as early as New Dwarf Stone.

LIVINGSTON'S NEW GLOBE.—Globe-shaped; early; large size; smooth; firm-deal ed; color glossy rose, tinged purple; very delicate.

MATCHLESS.—Very large; fruit smooth, flesh from core; rich cardinal red.

Ponderosa.—The largest Tomato of all.

SPARK'S EARLINA.—Remarkable for earliness; large size; handsome shape and bright red color; solid; fine quality.

STONE.—Fruit round, apple-shaped; very large; deep red; heavy.

TABLE TURNIPS

Weisse Rube

Ravone

Reaper Cruikew

For feeding stock in fall and winter there is nothing superior to Turnips and Rutabagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We can not too earnestly recommend farmers to increase their sowings largely, for we are sure that the crop will prove remunerative.

This whole-rooted and protean vegetable is mostly affected in its form and flavor by soil, climate and mode of culture. There are a great many varieties, but our list comprises the best for the garden or farm.

Sow in drills about two feet apart and half an inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly stirred. Be careful to weed and thin out so the young plants will not be checked and injured. Any overcrowding will result in rough and poorly flavored roots. It is important to get the spring and summer crops started very early, as the Turnips may have time to grow to sufficient size before hot weather causes them to become tough and bitter.

In the Middle and Western States sow for fall and main crop from middle of July to last of August, and in the manner given for spring sowing. In the field, Turnips are often sown broadcast, though in most cases better results are obtained by drill culture. To preserve Turnips in good order for winter, store in a cool cellar and cover with sand or turf to keep them fresh. Another method is to put them in a pit dug in dry soil where there will be no danger of water standing, and to cover with straw overlaid with earth closely and deep enough to keep out frost. Thus protected, Turnips will keep well till spring.

WHITE-FLESHEO VARIETIES

Cow Horn, or Long White.—Carrot-like in form, slightly crooked. Flesh white and well flavored, suitable as a market sort for fall and early winter, also for turning under.

EARLY PURPLE-TOP STRAP-LEAVED.—Early; favorite for table use. Flesh large, and well flavored, suitable as a market sort for fall and winter. Also for turning under.

Fenelon (Fenelon).—Fenelon is one of the finest varieties for the market; it can be grown in wine, useful in fevers.

Early White Flat Dutch.—Standard early, white flat Turnip.

Extra-Early Purple Top Milan.—All in all, these Milan Turnips leave little to be desired in the way of an extra-early garden Turnip.

PURPLE-TOP WHITE GLOBE.—Nearly as large as Pomeranian White Globe; white flesh; excellent, equally desirable for table or stock.

White Egg.—Oval or egg-shaped; firm; mild, sweet and very tender.

White Globe.—Globe-shaped; early, mild and tender.

Price of above.

YELLOW-FLESHEO VARIETIES

Golden Ball, or Orange Jelly.—Medium size.

Purple-Top Yellow Aberdeen.—Large, globe-shaped.

YELLOW, or AMBER GLOBE.—Yellow-fleshed; globe-shaped; large.

RUTABAGA (RUSSIAN, or SWEDISH TURNIP)

Two to three pounds to acre

Improved American Purple Top.—Old popular standard; rich flavor

Price of above.

SWEET, POT AND MEDICINAL HERB SEEDS

No garden is complete without a few Herbs for culinary or medicinal purposes. These should be harvested on a dry day, just before they come into full bloom, then dried quickly and packed closely, excluding the air.

By Mail, Postpaid.

Anise (Grünen Anis). For garnishing, cordials and flavoring. Pkt., .05; Oz., .25; Lb., .90; 10 Lbs., $9.00.

Anise, Turkish (Badian). Used in making wine, useful in fevers. Pkt., .05; Oz., .20; Lb., .60; 2.00.

Basil, Sweet (Basilikum). Used for soups, stews and sauces. Pkt., .05; Oz., .20; Lb., .60; 2.00.

Caraway (Feld Künstel). Used in confectionery, cakes and medicine. Pkt., .05; Oz., .10; Lb., .25; .75.

Carrot. For garnishing; seeds used for flavoring. Pkt., .05; Oz., .10; Lb., .25; .75.

Coreander. For garnishing; seeds used for flavoring. Pkt., .05; Oz., .10; Lb., .25; .75.

Dill. Aromatic seeds used in pickles, preserves, soups, sauces. Pkt., .05; Oz., .20; Lb., .60; 2.00.

Fennel. For flavoring; seeds used for flavoring and for making ginseng and for flavoring liquors. Pkt., .05; Oz., .10; Lb., .25; .75.

Horehound. For tonic and coughs. Pkt., .05; Oz., .10; Lb., .25; .75.

Lavender. (Lavendel). Popular aromatic herb; delightful perfume. Pkt., .05; Oz., .20; Lb., .60; 2.00.

Mint, Spearmint (Milten). Used in confectionery and for flavoring liquors, Pkt., .05; Oz., .10; Lb., .25; .75.

Sage (Salbei). Leaves used in dressings and sauces. Pkt., .05; Oz., .20; Lb., .60; 2.00.

Savory, Winter (Böhmen Kraut). Leaves used for flavoring. Pkt., .05; Oz., .25; Lb., .75; 2.50.

Thyme, Broad Leaved (Thymian). Used for seasoning; also as bee food. Pkt., .05; Oz., .40; Lb., 1.25; 4.00.
EXTRA SELECTED FARM SEEDS

Fully realizing the great importance of supplying the farmer with the highest quality of Farm Seeds, we have given this branch of our business special study, exercising the greatest care in growing and securing seed of the highest standard in purity and quality — fully matured, plump, sound, fresh and clean. The care exercised in selecting our seeds has given Holmes' Field Seeds an enviable reputation and today our house is recognized as headquarters for the most reliable field and grass seeds.

HOLMES' EARLY GOLDEN SURPRISE CORN

90-DAY FIELD CORN

THIS REMARKABLE VARIETY IS INCOMPARABLE IN SOLIDITY, UNIFORMITY, DEVELOPMENT OF THE TIP AND BUTT, EXTRAORDINARY YIELD AND SMALLNESS OF COB

No other Corn has given such universal satisfaction as our Early Golden Surprise. Its prepotency and power of reproduction is so great that neither wet nor dry weather noticeably influences its growth and maturity. Unapproachable as a yielder, it withstands the harshest weather and when shelled this Corn produces a superior quality on account of extreme smallness of cob and depths of grain. The cobs are so small that many may be enclosed in an ordinary finger ring as seen by our illustration. The grains are of a rich golden color, very deep, and profitable on account of small percent of waste of cob. The cob is so small that 35 pounds of ears produced 31½ pounds of shelled Corn. The Corn is a vigorous grower, with short, strong stocks and an abundance of deep green foliage, which makes it an excellent fodder Corn. It matures uniformly in 90 days from planting, and all points considered it is the best field Corn in cultivation. Golden Surprise is the greatest money earner yet introduced to the American farmer. There can be nothing of greater importance to him than to increase the yield and feeding value of Corn. Early Golden Surprise will give that result. Lg. Pkt., by mail, postpaid, 10 cts.; lb. 30 cts.; 3 lbs. 70 cts., by freight or express, not prepaid, lb. 20 cts., peck $1.50, ½ bushel $2.50, bushel $4.75, 2-bushel sack $9.00.

The past season when other varieties failed to grow, Golden Surprise gave excellent results. Our customers report that every grain grew.

Special Notice: We are compelled to make prices in advance on Field Seeds given in the following pages

THESE PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

BAGS HOLDING 2½ BUSHELS, EXTRA AT 75c EACH.
REED’S GOLDEN DENT

A deep, pure yellow Corn, with uniform ears 8 to 10 inches long, 7 to 8 inches in circumference, cylindrical, with well-filled butts and exceedingly well-developed tips. The kernels are rough, deep, 5 to 7/8 inch long, 3/8 inch wide, broad-wedge and uniform. One of the chief characteristics of Golden Eagle is its large percentage of grain, in which respect it exceeds any other variety. The average is about 90, often above. The very small, light cob, deep kernel and perfect cylindrical shape make this high average possible. Each ear contains 16 to 18 rows of kernels and each row 50 to 60 kernels. Forty bushels of Ear Corn will yield 44 bushels of grain.

This is an early variety, maturing in about 90 days. It grows well on almost any soil. It is used extensively as a replant corn and is especially desirable for fields which for some reason have to be planted late. It stands high with feeders because of the small cob. It is easily broken and readily masticated by cattle. As it matures thoroughly, it is sweet and palatable, making the best livestock feed.

IMPROVED MASTODON

Our Famous Ensilage Corn

Is a yellow Corn with white cap and red cob. The ears attain exceptional size, being from 9½ to 12 inches long and from 7½ to 8½ inches in circumference. Some of the ears retain a slight taper from butt to tip, but the large majority are very cylindrical. The ears weigh 11 to 18 ounces, having from 16 to 22 rows. The crown is slightly roughened, with rounding corners, the rounding corners giving a smoother appearance to the Corn than it really has. The kernels set very close together and have a fine large development of the germ. This Corn carries a large percent of oil and protein. We have obtained some striking results as to yield with the Improved Mastodon. Under ordinary conditions this Corn yields over 100 bushels an acre. The stalk is large and stiff, producing a great amount of luxuriant foliage, which, when cured, affords a very superior article of fodder. It stands about 10 feet high, the ear appearing 4 feet from the ground. It has come into such favor as an ensilage Corn that there is a great demand for it by dairymen throughout the country. It matured in 120 days and is recommended for any soil. Pkt. 10 cts., lb. 25 cts., by mail, postpaid; by freight or express, lb. 20 cts., peck $1.25, bushel $4.50.

IMPROVED GOLDEN BEAUTY

Has the Largest Grain and Smallest Cob of any Corn in Cultivation

The productiveness of the Golden Beauty Corn is due to the economical shape of the ears and the fact that a large proportion of the stalks produce fine ears. It is the largest grained and handsomest golden yellow Corn we have ever seen. The ears are of perfect shape, with 14 to 16 straight rows. CoBs are unusually small; when broken in half the grains will reach across them. The richness of color and fine quality of grain make it superior for grinding into meal. We can guarantee this Corn to give good satisfaction wherever grown. Lb. 25 cts., 3 lbs. 60 cts., postpaid; by freight or express, peck $1.25, bushel $4.50.

WHITE CAP DENT CORN

This combines the earliness and hardness of the Pride of the North, with ears of very large size. The stalks are stout, growing 6 to 7 feet in height, with abundant foliage. Ears of handsome appearance, 8 to 10 inches in length, well filled, having 16 to 18 rows of deep grains. The cob is small, grains being very deep and quite wide. The outer end of the grain is white, deeply dent, while the inner portion is a clear amber-yellow. The grains are flattened and set squarely on the cob and completely fill the entire surface of the ear. Choicest stock grown by the originator at prices quoted below. Lb. 25 cts., 3 lbs. 60 cts., postpaid. By freight or express, peck $1.25, bushel $4.50.

GOLD STANDARD LEAMING CORN

We have increased the size of ears and percentage of grain by breeding from tapering to cylindrical shape. We have also increased depth and roughness of kernel and feeding value by increase of protein and fat. The ears range from 9 to 11 inches long, 7½ to 8 inches in circumference, weighing 12 to 17 ounces. The stalks range from 9 to 12 feet in height, are well developed below the ear and slender above. They are very valuable for ensilage and thrive well on all soils where many other varieties fail. It is an immense yielder, producing, under favorable conditions, 100 bushels or more to the acre.

Prices same as White Cap Dent.

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Group of Kernels showing Desirable and Undesirable Shapes. Nos. 3, 4, 5, 6 are fair to best shapes, while 1, 2, 7 and 8 are to be avoided.
HOLMES’ LIBERTY BOND—field of corn growing for seed

CORN IS KING

Holmes’ LIBERTY BOND Field Corn

Decidedly the largest and best field corn in cultivation. Absolutely drouth proof

Holmes’ Liberty Bond originated in Lehigh county and has been grown there by a prosperous farmer for a number of years. Last year we were very fortunate in securing some stock seed of this variety, and succeeded in raising a magnificent crop by the originator. It is the most productive, bears the largest ears of any field corn that we know of. The stalks grow uniformly, from twelve to fifteen feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 100 days and the large, handsome ears vary from sixteen to twenty rows each, measuring ten to thirteen inches in length, the majority of them having eighteen rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The cobs are rather small for such mammoth ears, being only 1¼ inches thick. The six points of merit of this magnificent, new field corn are:

First.—It being an extremely heavy cropper.
Second.—Maturing in 100 days.
Third.—Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk.
Fourth.—It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field corn.
Fifth.—It is one of the best yielders that we know of, producing from 125 to 150 bushels to the acre on fair soil.
Sixth.—For seed corn, it will sell on sight and farmers will make more money from this corn than any we know of.

The illustrations on this page are exact reproductions from photographs of our field growing for seed, and as an average ear.

Our crop is limited and we would advise ordering early.

Our Crop is limited and we would advise ordering early.

From photograph
Above ear ¾ natural size
HOLMES’ EMPEROR DENT
DECIDEDLY THE LARGEST AND BEST FIELD CORN IN CULTIVATION. ABSOLUTELY DROUGHTPROOF
PENNSYLVANIA GROWN

Holmes’ Emperor Dent, grown in Dauphin County, is the most productive of any field Corn that we know of. The stalks grow uniformly, from 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 90 days, and the large, handsome ears vary from 16 to 20 rows each, measuring 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It has a red cob, thus denoting its healthy character. The six points of merit of this magnificent new field Corn are: (1) It being an extremely heavy cropper. (2) Maturing in 90 days. (3) Its evenness in maturing, the ears all being about the same length, and a large proportion having two fully developed ears to each stalk. (4) It can be used for a silo corn, as the fodder grows very strong, which gives it a double advantage over ordinary field Corn. (5) It is one of the best yielders that we know of, producing from 150 to 160 bushels to the acre on fair soil. (6) For seed Corn, it will sell on sight, and farmers will make more money from this Corn than any we know of.

The illustration on this page is an exact reproduction from photographs of average ears. This Corn may be ground almost as soon as husked, as it dries very rapidly. This year we offer Holmes’ Emperor Dent at the following prices: Pkt. 10 cts., lb. 25 cts., by mail, postpaid; peck $1.25, 1/2 bushel $2.50, bushel $4.50, 2-bushel sack, $8.50, 10 bushels and over at $8.85 per bushel, sacks included.

Cuban Giant Mammoth Ensilage. Has produced 70 tons of fodder to the acre and is one of the very best and most popular for Ensilage. The fodder is sweet, tender, juicy and grows 13 to 14 feet high. Unexcelled for the silo. Peck, $1.25, bushel, $4.75.

Sugar Corn for Green Fodder. Best for early fall green feed. Very profitable for cattle. A favorite with dairy farmers, also excellent for poultry. Peck $1.50, bushel $5.25.

New Keystone Mammoth Pride Corn
Absolutely droughtproof. The most productive; bears largest ears and is absolutely droughtproof. The stalks grow uniformly about 10 to 12 feet high, with ears set rather low for such tall fodder, making it very easy for husking. It matures in about 90 days, and the large, handsome ears vary from 16 to 18 rows each, the most of them having 16 rows of deep grains, which are of a rich golden yellow color. It has a red cob, thus denoting its healthy character; cobs are remarkably small for such mammoth ears, being only 3/4 inches thick. This new grand Corn can only be obtained from us. By express or freight, at purchaser’s expense, peck $1.25, 1/2 bushel $2.50, bushel $4.50.

IOWA GOLD MINE
Ears of good size and symmetrical; a bright golden yellow; grain very deep; cob small, drying out quickly when ripe. From 70 pounds of ears, 60 to 62 pounds of shelled corn may be obtained. Early, and full of the highest market value. Peck $1.00, bushel $3.00, out of two bushels $5.75.


VIRGINIA EUREKA ENSILAGE CORN
Has a record of 70 tons and 800 pounds of Corn grown on one acre. Enough to feed seven head of cattle for one year and enough left over for 201 days, feeding at the rate of 50 pounds per day.

This Corn was originated in Virginia about 25 years ago and has been grown on the same farms there for us ever since. It is the result of careful selection for many years from the old southern white Corn which often has five to eight ears on a stalk. This selection was made with the idea of producing the biggest corn in the world, and it has been developed in this way. It has been grown entirely away from other kinds and it is a distinct variety and a great improvement over any other Southern White Dent Corn.

Corn has been offered by others under the name of Eureka, but it is simply the common Southern White that they are offering and at the time of cutting there will be as much difference in the size of the ears. Eureka is a Smooth White Dent Corn with short kernels, while many of the southern white varieties have the horse tooth kernels. Be sure and get the genuine.

WHEN IS THE PROPER TIME TO CUT ENSILAGE?
As Corn is simply overgrown grass and everyone knows that grass should be cut when it is in the blossom, then Corn should be cut when it is in that same condition. Don’t look for the ear; simply watch the tassel. It is better to cut Corn too early than too late. Mature ears should never be cut in the silo. The grain bin is a much better place. The silo was not invented as a substitute.

Eureka Corn has a record of 70 tons and 800 pounds of green corn from one acre. This record was made by weighing one square rod taken from an acre which was first divided into four equal parts, and the weighing was done by three reliable disinterested parties. We have several estimates of even more than this and we believe that this record can be broken. Price, ½ peck 75 cts., peck $1.50, 1/2 bushel $2.75, bushel $5.25, 2-bushel sack $10.00, 10 bushels and over at $4.85 per bushel.

NOTE—Our stock is the genuine, being grown by one of the best growers in Virginia.
Seed Oats
There is Big Money in Oats
IF YOU GROW THE RIGHT KIND
The New Alberta Oats

In almost every line of agriculture today improvements have been made—better stock, better corn, better cotton, better alfalfa, better fruits and vegetables of all kinds, all of which has been done by breeding. But it seems that oats, one of the most important crops and easiest to grow, has been left out until the last two or three years.

Of all the crops that grow on the great American continent nothing is so easily grown and as reasonably sure as a good crop of oats, if the right kind of methods are pursued. You can raise good oats from poor, indescribable seed, more than you can raise good cattle or pigs or good corn, unless you select the best. It is an absolute impossibility.

For many years we have made the growing of Seed Oats a specialty, importing our seed stock for our own use, from which we grew much of our seed, but in the progress of time we find many progressive farmers who want the best the world can produce, and as good as any seedsman or seedhouse in America uses for growing their own stock.

THE NEW ALBERTA

The cut bordering this page is a fine illustration of the head of the New Alberta Oats, except these were photographed below the average size and only shows the head 2/3 natural size.

These new Oats were introduced into the Alberta country only four years ago by emigrants who took their seed from Iowa, and were known at that time as the Regenerated Swedish Select Oats, but owing to the great success and results made and given they soon thereafter took the name of New Alberta, often yielding 125 to 140 bushels per acre and weighing out from 35 to 45 pounds per measured bushel. Since their first introduction into Alberta they have been continually grown on new, clean virgin land, free from weeds, located in the great Oats producing country in the world, which produces these vigorous hardy Oats—Seed Oats that is full of life and vigor that will easily make you a yield of three times as much as common ordinary varieties.

The New Alberta is of strong, stiff straw; stands up well on rich ground, as near rustproof as any Oats in existence; ripens medium early, two or three weeks ahead of late varieties, and is the all-round best variety and quality of Oats to be found anywhere.

Price, at purchaser's expense, by express or freight, peck 75 cts., 1/4 bushel $1.49, 1 bushel $2.75, 2 to 4 bushels $2.60, 10 bushels and over $2.50.

NOTE—Our Oats are direct from the Alberta country. You can rely on securing the genuine seed if purchased from us.

Long's Improved White Tartar

Direct from the new importation. Outyields nearly all others and is the very best for all-round purposes. Earliest variety grown, with long straw, usually averaging 4 to 5 feet, and rustproof. Succeeds well on all soils. Golden-yellow color. Grains white with golden cast. Withstands stormy weather without lodging or falling off of grains. A measured bushel weighs 43 pounds. 1 lb. 25 cts., 3 lbs. 65 cts., postpaid. By freight or express, peck 75 cts., bushel of 32 lbs. $2.50, 2 bushels $2.40, 10 bushels $2.30 per bushel, 20 bushels and over $2.25 per bushel. Bags holding 2½ bushels 75 cts. each, extra.

Remember, we have the originator's stock and offer this from the original importation. Send for sample.

Long's Storm King

Mr. Isaac Long, a successful, scientific and widely known farmer, imported the remarkable Oats from Tertiary. We have named it Long's Storm King because it stood up completely and perfectly during very heavy storms the month preceding oats harvest. It was then 2 to 6 feet tall. It yielded over 100 bushels to the acre, and weighed 43 pounds to the measured bushel—clean and bright, no smut. There were 150 to 250 grains to each head. Greatest drought-resister known, and Mr. Long's crop shows it is the greatest yielder ever brought here. The illustration shows Mr. Long holding a small sheaf. Note the wonderful length of the straw and smoothness of head. 1 lb. 15 cts., 3 lbs. 75 cts., postpaid.

By express or freight, peck 75 cts., bushel of 32 lbs. $2.75, 2-bushel sack $5.00, 10 to 20 bushels $2.40 per bushel, 21 to 50 bushels $2.25 per bushel. Bags holding 2½ bushels 25 cts. each, extra.

Remember, we have the originator's stock and offer this from the original importation. Send for sample.

MRS. J. M. IRVINE, Loyds ville, Pa., writes: "We have been selecting seed from your seed book for several years and always were well pleased with the seed bought of you and found them the cheapest in the end, because they always grow and prove to be just as you represent them."

Benj. G. Wenger, Murrell, Pa., writes: "Enclosed find our order for seeds. We have ordered seeds from you for several years and have always found them very satisfactory."
Holmes’ Superior Recleaned Clover Seeds

Note. The prices of some varieties of Clover, Grass and Field Seeds may change as the season advances. Prices now given are those prevailing when this catalog was published. It will be to advantage of intending purchasers to write for samples and special prices before ordering in large quantities.

Alfalfa (Medicago sativa), also known as Lucerne and Chili Clover. One of the most valuable forage or pasture grasses, being very nutritious, both as a green feed and as hay. It requires moderate land and frequent irrigation, but it will grow on dry land. Practically all varieties thrive under high and thorough harrowing, and sow 17 to 25 pounds per acre broadcast and harrow it. Alfalfa seed is graded by the amount of dead matter and the percentage of weed seeds it contains. The best seed is Dodder, which is free from weed seeds. Dodder is a yellow parasitic plant which absorbs the food of other plants, and eats them away. A little thought will show that Alfalfa which contains no dodder is worth several cents a pound more than Alfalfa which contains Dodder. This is especially true of our Alfalfa. Our Alfalfa is grown out of the state on high lands, and is dodder-free. Lb. 39 cts., 3 lbs. 75 cts. postpaid. Price per bushel on application.

RED MEDIUM CLOVER. This is the common Red Clover so largely grown throughout the country. Lb. 30 cts., 3 lbs. 75 cts., postpaid. Price per bushel on application.

MAMMOTH, or PEA-VINE CLOVER. This grows much taller, with larger, leathery stalk, and large, slightly-pointed leaflets. Lb. 30 cts., 3 lbs. 75 cts. postpaid. Price per bushel on application.

CRESTED DOG’S TAIL (Cynosurus cristatus). An excellent grass for hard, dry soils, valuable for pastures and lawns. Lb. 45 cts., postpaid. Price per bushel on application.

Alfalfa, or Lucerne

Holmes’ Superior Recleaned Grass Seed

All prices on Grasses subject to change. Write for special quotations. By Freight or Express

AWNLESS BROME GRASS (Bromus inermis). Will stand long droughts and produce heavy crops in dry sections. Especially desired for permanent pasturage. (14 lbs. per bu.)

CANADA BLUE GRASS (Poa compressa). Useful for sowing on hard clay and poor soils. (14 lbs. per bu.)

CRESTED DOG’S TAIL (Cynosurus cristatus). An excellent grass for hard, dry soils, valuable for pastures and lawns. (21 lbs. per bu.)

ENGLISH RYE GRASS (Lolium perenne). Nutritious, vigorous; for meadow and pasture. (Bu. 24 lbs.)

HARD FESCUE (Festuca duriuscula). One of the most desirable dwarf grasses. Excellent for hay and turf. (12 lbs. per bu.)

ITALIAN RYE GRASS (Lolium italicum). A valuable European variety, adapted to any climate and produces large and nutritious crops. (15 lbs. per bu.)

KENTUCKY BLUE GRASS (Poa pratensis). Fine permanent pasture; heavy and nutritious. (Bu. 23 lbs.)

MEADOW FESCUE (Festuca pratensis). For either pastures or lawns. (Bu. 20 lbs.)

PERENNIAL RYE (Lolium perenne). Nutritious; for meadow or permanent pasture. (Bu. 20 lbs.)

RED, or CREEPING FESCUE (Festuca rubra). Valuable for lawns. (14 lbs. per bu.)

RHODE ISLAND BENT GRASS (Agrostis canina). Valuable for either lawns or pastures. (14 lbs. per bu.)

ROUGH-STALK MEADOW GRASS (Poa trivialis). Excellent for permanent pastures and meadows, particularly on damp soils. As a lawn grass it forms a fine turf and does well in shaded locations. 20 lbs. per bu. (10 lbs. per l) (10 lbs. per b) 10 lbs. per 100 lbs.

SHEEP’S FESCUE (Festuca ovina). Excellent for sheep pasture; 6 to 10 inches high. (Bu. 12 lbs.)

SWEET VERNAL, TRUE PERENNIAL (Anthoxanthum odoratum). It should be sown in connection with other grasses for pastures or lawns. (10 lbs. per 100 lbs. 10 lbs. per b) 10 lbs. per 100 lbs.

TALL MEADOW OATS GRASS (Avena elatior). This is a valuable variety for pastures. (10 lbs. per 100 lbs. 10 lbs. per b) 10 lbs. per 100 lbs.

WOOD MEADOW GRASS (Poa nemoralis). A very productive grass, adapted for lawns or pastures. Thrives well under trees. (14 lbs. per bu.)

Prices on Application

Mrs. D. S. Kreps, Canalton, Mo., writes: "I have planted your seeds for about 12 years and have had good results all the time. I am well pleased with your promptness in filling orders."
COWPEAS

Can be grown in all parts of the country where Dent Corn succeeds. It is one of the best for temporary pastures. As a grazing crop it is valuable for producing milk, growing young stock and fattening all kinds of domestic fowls and animals. Effective fertilizing plant, and can be used as a green manure almost any time during the summer in almost any soil. Rotation. Can be grown on greater variety of soils than any legume.

LARGE BLACK EYE. Extremely early variety, matures peas in six to eight weeks. Large, flat, oval shaped, dark purple or black;
in pods of 3 to 5 beans; oval, yellow in color; prominent; good quality; of high food value.

BEARDLESS. Quick to mature than other varieties and better adapted for late planting or for growing near north of Virginia.

CLAY. Tall, erect, large dark green leaves; stems of vigorous growth; pod large and yellow; seed kidney-shaped, medium size, cream-colored; medium late to ripen.

NEW ERA. A very regular variety; erect and not inclined to run; matures peas in 60 to 70 days.

WHIPPOORWILL. Usually an erect grower and rarely climbs; pods gray, long and thick; seeds large, nearly spherical, mottled red and white; medium; One of the best for late peaking.

Prices of above, pkt. 10 cts., lb. 25 cts., 3 lbs. 60 cts., postpaid.

Barley—BEARDLESS. This variety is free from beard. Lb. 25 cts., postpaid.

Rye, WHITE WINTER. It is much harder than wheat and can be grown on a greater variety of soils. It is not only grown for grain but the straw is gathered when the ears are nearly fully developed and 6 inches high, in addition to feed it will grow. It is desirable to use it alone or with other crops. Can be grown at the last working of corn. Sow the rate of 5 bushels to the acre. Lb. 20 cts., 3 lbs. 50 cts., postpaid.

SPRING. True stock. Spring Rye is an excellent catch-crop where winter grain has been killed out, or where a fall crop has not been planted. Lb. 20 cts., 3 lbs. 50 cts., postpaid.

Buckwheat—JAPANESE. It is much superior to the common buckwheat for sesame and for oil purposes. Can be grown on a soil superior to flour. It is used as a poultry seed. Sow 1 bushel ($4.00) at the average growing season.

Lb. 25 cts., 3 lbs. 65 cts., postpaid.

SILVER HULL. The grains are of a silvery gray color, making a white flour. Prices same as Japanese.

Broom Corn, IMPROVED EVERGREEN. An excellent catch-crop, grown for green manure, for seed, and for use in the dry regions in the production of green appearance hay. Lb. 25 cts., 3 lbs. 65 cts., postpaid.

Spring Emmer. (Incorrectly called Speltz.) A grain especially suited for dry lands. Being semi-hardy, it can be sown very early in the spring like oats. Emet grows best in the dry prairie regions with hot summers, and even does well in poor or stony ground. It is a better drought and rustresister than either oats or barley, and it also yields considerably better. The feeding value is high. Lb. 25 cts., 3 lbs. 60 cts., postpaid.

Milo Maize. A variety of sorghum, nonchondrina, growing taller and has a better flavor than its corn. Plant in 3-foot rows and cultivate as corn; 3 to 5 lbs. to the acre. Lb. 20 cts., postpaid.

Sorghum Sugar. A sweet and sugar cane. Fodder of most luxuri- ant growth. There is no better feed for horses—very nourishing, fattening and keeps the bowels open, and can be safely fed at any stage of growth. Fed to cows, proves a great milk producer and is a wonderful feed for fattening hogs. Will produce as high as 20 tons per acre, or two or three cuttings in a single season.

EARLY AMBER. Grows from 11 to 12 feet in height and can be planted by the 15th of May. Not a very strong grower, but is an excellent food for stock and poultry. Lb. 20 cts., 3 lbs. 55 cts., postpaid.

EARLY GEM. This is a strong grower and will outyield any other Sorghum Maize. It is often used as a treed for hogs and cattle and the straw produces more hay than any of our other kind. Lb. 25 cts., 3 lbs. 65 cts., postpaid.

Kaffir Corn. One of the best forage-plants. If the crop is not planted mainly for fodder, it is recommended to cut down the whole stalk when the tare is nearly formed.

The second growth springing at once from the roots, will still mature a full crop of grain and a second full crop of forage by October 15. For grain sow in rows 3 feet apart, 5 lbs. to the acre. For fodder, sow 3 pecks broadcast. Pkt. 10 cts., Lb. 25 cts., 3 lbs. 60 cts., postpaid.

Special Offer: Owing to the many changes in the markets, customers are requested to write us for prices ruling at the present time.
Choice Lawn Grass Seed Mixtures

A Few Words Here.
The seedman is always required if weeds come up in the lawn. We invariably purchase the finest grasses we can obtain, either here or abroad. Weed seeds are carried by the thousands by birds and by the manure you put on the soil. Even if you plant nothing, weeds will come. We know of soil which was excavated at a depth of 70 feet and inside one month was covered with a magnificent growth of numerous weeds.

MAKING AND CARING FOR THE LAWN

This Lawn was sown with Holmes’ Capitol Park Lawn Grass Seed

Preparing and Manuring the Ground. In making a new lawn, all grading, tree planting and laying out of walks and drives should be done first. The ground should be thoroughly dug or plowed to a depth of 10 to 12 inches, after which some good fertilizer—pure ground bone or pulverized sheep manure is especially recommended—should be applied at the rate of 600 to 800 pounds per acre. The ground should be fine and perfectly smooth and even.

Sowing the Seed, Rolling and Weeding. The best time for sowing grass seed is in spring, from February to May, or if in fall, from September to November, using on small plots at the rate of one quart of seed to each 12 square feet, and for large lawns, golf-links, tennis, cricket and other similar use, at the rate of 80 pounds of seed per acre, and for putting-greens 100 pounds of seed per acre. After the seed has been sown broadcast the ground should be thoroughly rolled, or, on small places, beaten with the back of a spade to “firm” the surface and press the seed into the soil. Annual weeds, natural to the soil, will appear before the young grass becomes established; none of these should be allowed to ripen their seeds.

Renovating Old Lawns. This should be done either in the spring or early fall, by taking the soil where bare spots occur, and sowing seed, taking care that it is not covered too deep, and also to roll or pat the surface smooth with a shovel.

Cutting, Weeding and Watering. When the grass has attained a height of 4 inches it should be mown, care being exercised not to cut it too close. Frequent rolling and mowing will make the turf close and compact, strengthen the grass and render the lawn smooth and attractive. Lawns require frequent watering and feeding in order to keep up their vigor. We recommend Holmes’ Lawn Dressing as the best fertilizer for nourishing lawns.

Top-Dressing in Fall. A coating of wood-ashes and ground bone in the late fall is very beneficial and gives the lawn a good start in the spring. It is also advisable to roll the lawn after the last cutting in the fall, it prevents much of the young growth from breaking out in the root.

THE AMERICAN LAWN BEAUTIFUL. A booklet brimful of valuable information free for the asking.

Holmes’ Capitol Park Lawn Grass Seed

BOTH FOR FORMING NEW LAWNS AND RENEWING OLD LAWNS. THE KIND THAT GIVES LASTING RESULTS. FOUR WEEKS FROM SOWING YOU CAN USE YOUR MOWER

A good lawn once made will last for years if the right material is used and the work properly done. Our Capitol Park Lawn Seed has been thoroughly tested in all parts of the country and gives perfect satisfaction. Its use will insure a beautiful, green, smooth, velvety sward, which is often ready for cutting in from four to six weeks. Composed of fancy, reclaimed domestic and foreign grasses, best adapted for a perfect and enduring lawn. No more sodding once Capitol Park Lawn Seed is used; for, if directions are followed, you are sure of good results. Lawn seed can be sown at almost any time, from early spring to late in the fall. Qt. 25 cts., 2 qts. 45 cts. (add 5 cts. per quart extra if sent by mail). Seed in bulk, by freight or express, peck $1.25, bushel of 20 lbs. $4.50.

Harry W. Miller, Harrisburg, Pa., writes: “It affords me a great deal of pleasure to express the satisfaction I have experienced in the sowing, on new and heavily wooded ground, of your Capitol Park Lawn Grass Seed Mixture. The grass was above the surface of the ground four days after it had been sowed, and today there is a thick, velvety verdure which is the admiration of the neighborhood. I have never seen its equal anywhere. This goes to prove that seed, if properly sown according to your booklet, The American Lawn Beautiful, which you advise me to read, will give results, and the beauty of it is no weeds have made their appearance.”

HOLMES’ TERRACE MIXTURES

A mixture of grasses best adapted for sloping ground and terraces. Has deep, spreading roots that hold embankments and cover terraces with a beautiful green turf. By freight or express, Qt. 30 cts., peck $1.50, bushel of 20 lbs. $5.

Holmes’ Shady Nook Lawn Mixture

The beauty of many lawns today is marred by the unsightly bare spots under trees and shrubbery and close to walls, due to all-day shade. Unfortunately the regular Lawn Grass Seed will not thrive well in shady places, but we have, by long experience in the study of grasses and their growing natures, succeeded in making a special mixture that will produce a velvety green sod in the very shadiest nooks and corners. The special grasses that are used in this mixture are mostly imported and high-priced, and we commend this variety to our most critical trade. The grasses are all fancy reclamed and we make the prices as low as possible consistent with the quality offered. Ground that is densely shaded is usually covered with moss and clumps of coarse grasses, which should be removed and the ground covered with linked time before sowing our special mixture. Qt. 35 cts., postpaid. By freight or express, Qt. 30 cts., 4 qts. $1, peck $1.60, bushel of 20 lbs. $5.50.

V. Grant Forrer, Supt. Harrisburg Park Commission, writes: “I desire to say that the grass seed which you furnished for my Shady Nook Mixture for the shady places on Front Street under the trees speaks for itself. The result obtained last year was so satisfactory I can not recommend it too highly, not only the Shady Nook, but also the grass seed you furnished for golf-course and lawns, as being thoroughly reliable.”

The above photograph was taken on Front Street speaks for itself. The seed was sown early in spring, and on the date the photograph was taken, May 28, there was a beautiful sod.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Holmes’ Shady Nook Mixture
Holmes' Golf-Links Mixture

FOR FAIR-GREENS AND PUTTING GREENS

For some years past we have made up a special mixture of Grasses adapted especially for golf courses. This mixture is composed of Grasses that produce in a very short time a permanent, low-growing, tough green sward of beautiful appearance. By the use of our famous mixtures for fair greens and putting greens, a permanent turf can be produced in a very short time.

Holmes Fair Greens Mixture. Qt. 20 cts., 2 qts. 35 cts., 4 qts. 50 cts., peck $1.25, bushel of 15 lbs. $3.25, 5 bushels $15, 10 bushels $27.50, 25 bushels $65.

Holmes' Putting Green Mixture. Qt. 30 cts., 4 qts. 90 cts., peck $1.50, bushel of 20 lbs. $6, 5 bushels $26.75, 10 bushels $55.

The Fair Green Mixture supplied to the Colonial Country Club for use on the golf course has answered the purpose exactly. This seed was sown from April 27 to 30. On all parts of the grounds where soil conditions, etc., were good it came up beautifully and in six weeks' time has made a fine sod. On hard, shaly knolls, extreme slopes and ground subject to heavy washes, of course no sod could be expected for years, but even on those spots we have got a foundation that will hold next seeding. With light seeding fall or spring we shall have a fine sod next spring.

As regards the lawn in front of clubhouse, seeded October, 1911, it shows up beautifully and certainly speaks well for Holmes' Capitol Park Mixture—S. W. McEwan, Professional Greenkeeper.

Holmes' "Tough Sod" Grass Mixture

FOR TENNIS-COURTS, CROQUET-GROUNDS, BOWLING-GREENS, BALL-PARKS, ETC.

It quickly forms an indestructible turf, smooth, firm, elastic, standing wear and tear of outdoor games. Under congenial conditions it will be ready for mowing four weeks from sowing, and in six weeks ready for playing.

Holmes' "Tough Sod" Grass Seed is a blend of Grasses especially suited for the making of Grass tennis courts, croquet grounds, bowling greens, etc.

The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand wear and tear. These requirements are met in Holmes' "Tough Sod" Mixture, which is composed of native and acclimated foreign fine-leaved, fibrous, deep-rooting Grasses that spread and intermingle, the seeds of which are blended in the proper proportions to form a tough, mixed sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or $ bushels per acre; half that quantity will do for renovating. Price, delivered free in the United States, qt. 30 cts., 4 qts. 75 cts., peck $1.35, bushel of 20 lbs. $5.

Holmes' Special Grass Mixture

FOR PERMANENT PASTURE AND HAY

Our famous mixture is becoming more generally used each season by progressive and successful farmers who desire an abundance of hay and permanent pasture. This mixture is made up of the Grasses best calculated to afford an abundant and nutritious food supply for stock, and its formula is based upon years of successful experience. It thrives well on all soils and is not seriously affected by the different climatic conditions. Will outyield timothy and will thrive in soils where the latter fails. Not only does it produce an abundance of hay, but will give an excellent pasture after it has been cut. In many cases it will produce two crops a season, whereas with timothy alone you can cut but one. If your fields are old and worn out it will pay you to plow up and seed again, when you will soon be cutting heavy crops from Holmes' Permanent Pasture Mixture. Sow 3 to 4 bushels to the acre, or half this amount in established pasture. In ordering, state whether for light or heavy soil. Should you desire a special mixture for renewing old pasture, etc., write us and we will give information. Lb. 25 cts., by mail 35 cts., bushel of 15 lbs. $3, 5 bushels $15.75, 10 bushels $26, 25 bushels $62.50, 50 bushels $120.
Summer-Flowering Bulbs and Roots

Begonias, Tuberous-Rooted

There is hardly a single garden in which there are not semi- or entirely shaded spots where the average flower will not grow. Such places are ideal for this flower; yet it will make a dazzling show in the open. Enormous wax-like flowers appear uninterrupted from June till frost.

### SINGLE

<table>
<thead>
<tr>
<th>Color</th>
<th>Each Doz. 100</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimson</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>Orange</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>Pink</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>Scarlet</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>White</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
<tr>
<td>Yellow</td>
<td>$1.00</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

### DOUBLE

<table>
<thead>
<tr>
<th>Color</th>
<th>Each Doz. 100</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crimson</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>Orange</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>Pink</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>Scarlet</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>White</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
<tr>
<td>Yellow</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

Add 10 cts. per dozen for mailing

### Caladium Esculenta (Elephant's Ear)

### Holme's Selected Cannas

<table>
<thead>
<tr>
<th>Name of Canna</th>
<th>Color of Flower</th>
<th>Color of Foliage</th>
<th>Height</th>
<th>Price of any of the above varieties in strong roots, 10 cts. each, $1 per doz., by mail postpaid; $6.00 per 100, by express. Mixed Dwarf French, 5 cts. each, 50 cts. per doz., $3.50 per 100; Tall Shorts, 5 cts. each, 50 cts. per doz., $5.50 per 100. After May 1 we supply plants at 15 cts. each, $1.50 per doz., $10 per 100.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>Canary yellow</td>
<td>Green</td>
<td>4 feet</td>
<td>$2.00</td>
</tr>
<tr>
<td>Allemannia</td>
<td>Scarlet and green</td>
<td>Green</td>
<td>4 feet</td>
<td>$2.00</td>
</tr>
<tr>
<td>America</td>
<td>Golden orange</td>
<td>Bronze</td>
<td>5 feet</td>
<td>$3.50</td>
</tr>
<tr>
<td>Cherokee</td>
<td>Dark crimson</td>
<td>Green</td>
<td>4 feet</td>
<td>$2.00</td>
</tr>
<tr>
<td>Mille Berat</td>
<td>Rose carmine</td>
<td>Green</td>
<td>5 feet</td>
<td>$5.00</td>
</tr>
<tr>
<td>David Harum</td>
<td>Vermilion scarlet</td>
<td>Bronze</td>
<td>3 feet</td>
<td>$2.50</td>
</tr>
<tr>
<td>Black Prince</td>
<td>Velvety maroon</td>
<td>Green</td>
<td>5 feet</td>
<td>$5.00</td>
</tr>
<tr>
<td>Tarrytown</td>
<td>Light crimson</td>
<td>Green</td>
<td>4 feet</td>
<td>$2.00</td>
</tr>
<tr>
<td>Meplasto</td>
<td>Real dark crimson</td>
<td>Green</td>
<td>4 feet</td>
<td>$2.00</td>
</tr>
<tr>
<td>Eglandale</td>
<td>Currant red</td>
<td>Bronze</td>
<td>4 feet</td>
<td>$3.00</td>
</tr>
<tr>
<td>Shenandoah</td>
<td>Old rose salmon</td>
<td>Bronze</td>
<td>5 feet</td>
<td>$5.00</td>
</tr>
<tr>
<td>General Merrick</td>
<td>Scarlet, with orange vase and edge</td>
<td>Green</td>
<td>4 feet</td>
<td>$2.00</td>
</tr>
<tr>
<td>Mosaicola</td>
<td>This canna is used for foliage only</td>
<td></td>
<td></td>
<td>$1.50</td>
</tr>
<tr>
<td>Indiana</td>
<td>Golden orange</td>
<td>Green</td>
<td>5 feet</td>
<td>$3.00</td>
</tr>
<tr>
<td>Kankeister</td>
<td>Light amber yellow</td>
<td>Green</td>
<td>5 feet</td>
<td>$3.00</td>
</tr>
<tr>
<td>Richard Wallace</td>
<td>Pale canary yellow</td>
<td>Green</td>
<td>5 feet</td>
<td>$3.00</td>
</tr>
<tr>
<td>Wyoming</td>
<td>Orange</td>
<td>Purple</td>
<td>6 feet</td>
<td>$4.00</td>
</tr>
<tr>
<td>Italia</td>
<td>Red bordered yellow</td>
<td>Green</td>
<td>6 feet</td>
<td>$4.00</td>
</tr>
<tr>
<td>Prince Wied</td>
<td>Rich deep crimson</td>
<td>Green</td>
<td>5 feet</td>
<td>$4.00</td>
</tr>
<tr>
<td>Louisiana</td>
<td>Velvety scarlet</td>
<td>Green</td>
<td>4 feet</td>
<td>$3.00</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>Deep orange scarlet</td>
<td>Green</td>
<td>6 feet</td>
<td>$4.00</td>
</tr>
<tr>
<td>Gladiator</td>
<td>Bright yellow rosetted crimson</td>
<td>Green</td>
<td>6 feet</td>
<td>$4.00</td>
</tr>
<tr>
<td>Gladiolora</td>
<td>Crimson changing to carmine</td>
<td>Green</td>
<td>6 feet</td>
<td>$4.00</td>
</tr>
<tr>
<td>King Humbert</td>
<td>Orange-scarlet-red markings</td>
<td>Bronze</td>
<td>5 feet</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

Price of any of the above varieties in strong roots, 10 cts. each, $1 per doz., by mail postpaid; $6.00 per 100, by express. Mixed Dwarf French, 5 cts. each, 50 cts. per doz., $3.50 per 100; Tall Shorts, 5 cts. each, 50 cts. per doz., $5.50 per 100. After May 1 we supply plants at 15 cts. each, $1.50 per doz., $10 per 100.

### Caladiums

**As centerpieces or specimens in flowerbeds, Caladiums answer well. They make an excellent edging for a hardy bed of grass, for学位 and other tall-growing plants. When planted in a bed alone, a border of scarlet sage removes the one-color effect and makes a beautiful contrast. Do not plant Caladiums outdoors until after May 1, but to get them in early growth, they may be started indoors.**

### Holme's Prize Dahlias

The CHOICEST of THEIR RESPECTIVE CLASSES

Add 10 cts. per clump if wanted by mail

Our Dahlias roots are, in all cases, splendid, large, original specimens, often weighing 10 to 16 ounces each, and containing 6 to 8 tubers. We do not cut the roots into small pieces to save postage, but make our prices by express or freight.

### DECORATIVE DAHLIAS

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admiral Dewey</td>
<td>Rich purple; very free</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Madame Van den Daele</td>
<td>Large, white</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Jack Ross</td>
<td>Rich crimson; large</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Clifford W. Brunton</td>
<td>Canary-yellow</td>
<td>15 $1.50</td>
</tr>
</tbody>
</table>

### CACTUS DAHLIAS

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volker</td>
<td>Yellow; free-flowering</td>
<td>25 $2.50</td>
</tr>
<tr>
<td>Kriemhilde</td>
<td>Brilliant pink</td>
<td>20 $2.00</td>
</tr>
<tr>
<td>J. H. Jackson</td>
<td>Crimson-maroon; large</td>
<td>20 $2.00</td>
</tr>
<tr>
<td>Eva</td>
<td>Dwarf, white; profuse bloomer</td>
<td>20 $2.00</td>
</tr>
<tr>
<td>Mrs. Edw. Mawley</td>
<td>Soft yellow; large</td>
<td>25 $2.50</td>
</tr>
<tr>
<td>Floradora</td>
<td>Pure garnet; splendid form</td>
<td>15 $1.50</td>
</tr>
</tbody>
</table>

### SHOW AND FANCY DAHLIAS

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arbella</td>
<td>Light sulphur-yellow</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>John Walker</td>
<td>Elephant pure white</td>
<td>20 $2.00</td>
</tr>
<tr>
<td>Red Hauser</td>
<td>Pure cardinal-red</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Empire</td>
<td>White, tipped soft lilac</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Admiral Schley</td>
<td>Rich crimson</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>A. D. Liveni</td>
<td>Clear soft pink, quilled</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Dorothy Peacock</td>
<td>Clear soft pink</td>
<td>75 $5.00</td>
</tr>
<tr>
<td>White Swan</td>
<td>Large, pure white</td>
<td>20 $2.00</td>
</tr>
<tr>
<td><strong>SINGLE DAHLIA, &quot;Rebecca Mayhew.&quot;</strong></td>
<td>Pure white</td>
<td>50 $5.00</td>
</tr>
<tr>
<td><strong>NEW &quot;GIANT CENTURY&quot; DAHLIAS.</strong></td>
<td>Write for list and prices.</td>
<td></td>
</tr>
</tbody>
</table>

### Gloxinias

A gorgeous plant, either for conservatory or garden. The plants prefer a moist soil and a shady situation. Bulbs may be started as early as January, but should not be set outdoors until after May 15. They can be easily made to bloom in the house as pot-plants. Bulbs must be lifted in the fall.

### Nymphaea Dahlias

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Each Doz. 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Named Colors</td>
<td>By mail, postpaid</td>
<td>15 $1.50</td>
</tr>
<tr>
<td>Choicest Mixed Colors</td>
<td>10 $1.00</td>
<td></td>
</tr>
</tbody>
</table>

HOLMES SEED COMPANY, HARRISBURG, PA.
Summer-Flowering Bulbs and Roots—Continued

Holmes' Superb Gladioli

The Gladiolus is the most useful of all flowers. Apart from its striking beauty and the prolific blooms in the garden, its practical value as a cut-flower is becoming more highly appreciated the better it becomes known.

We name below a few of the latest introductions, each by mail, $2.50 per 100, $5 per 500, $10 per 1000, etc., by express, $2.75 per 100, $5.50 per 500, $11 per 1000, etc.

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AMERICA</strong></td>
<td>Soft lavender</td>
<td>per plant</td>
<td>$2.75</td>
</tr>
<tr>
<td><strong>AUGUSTUS</strong></td>
<td>Loved, pure white</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td><strong>BARON HULTOT</strong></td>
<td>Rich, deep indigo-blue; very rare.</td>
<td>$3.50</td>
<td></td>
</tr>
<tr>
<td><strong>CHILDISH</strong></td>
<td>Finest mixed varieties. Large size; brilliant colors.</td>
<td>$3.50</td>
<td></td>
</tr>
<tr>
<td><strong>EUGENE SCRIBE</strong></td>
<td>Rose, shaded carmine-red.</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td><strong>GROFF'S NEW HYBRIDS, MIXED</strong></td>
<td>Selected from the finest of his hybrid Gladioli.</td>
<td>$3.00</td>
<td></td>
</tr>
<tr>
<td><strong>HOLMES' SUPERB MIXTURE</strong></td>
<td>Every bulb is extra-clas, the very largest and finest kind of flowers.</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td><strong>I. S. HENDRICKSON</strong></td>
<td>Irregular motting of white and pink.</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td><strong>KONDIKE</strong></td>
<td><strong>GOLDEN</strong></td>
<td>Exquisitely fluffed and fringed, cream-pink, crimson stripe.</td>
<td>$2.50</td>
</tr>
<tr>
<td><strong>MAY</strong></td>
<td>Pure white, flaked crimson; extra strong.</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td><strong>VICTORY</strong></td>
<td>Delicate sulphur-yellow; best yellow.</td>
<td>$2.50</td>
<td></td>
</tr>
</tbody>
</table>

We can also furnish all other varieties of Gladiolus upon application.

MISCELLANEOUS BULBS AND BULBOUS PLANTS

Peonies

These old-time favorites are being planted more and more by every flower grower. They are admired in the flowering beds, along walks and drives, well suited to intermingle among either shrubs or perennials. Their great flowers are perfectly formed, and some are fragrant and as delicately colored as any flower in the garden. The colors grow best in rich, deep soils and sunny positions. They flower at the close of May and in June.

Named Varieties 15 cts. each, $1.50 per doz. Mixed Varieties 12 cts. each, $1.25 per doz.

MOUNT (Tree Peony). These differ from the herbaceous varieties by their growth, which is in the form of a dwarf shrub; they commence blooming for a few weeks earlier, and while also perfectly hardy are benefited by slight protection through the winter. We offer strong plants in shades of crimson, pink and white. $1 each. $7 per doz.

TENUIFOLIA pi. Interested on account of their rich crimson, double flowers, and for the fine feathery foliage which makes a handsome ornamental plant. 25 cts. each, $2.50 per doz.

OFFICINALIS. This type is the old-fashioned Peony and comes into bloom from ten to twelve weeks ahead of the other herbaceous sorts. All are strong growers, with large, full-doubl, fragrant flowers.

Alba. Blush-white.
Rosa. Rose pink.
Rubra. Deep crimson.

30 cts. each; 1 of each for 75 cts.

HOLMES' HARDY ROSES

Hardy Roses are permanent guests in your garden or about your home. As often as summer comes again they are there with the fragrance and beauty and elegance of old-fashioned flowers. The shoots we offer are all two-year-old, post-grown, 2 ft. high, many of them in bud when shipped. All are absolutely free from disease and are guaranteed to be satisfactory.

Any of the following large two-year-old plants 50 cts. each, $5 per dozen, by express, you pay charges; one-year-old plants of the same varieties 35 cts. each, $3 per dozen, you pay express.

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAISERIN AUGUSTA VICTORIA</td>
<td>Hybrid Tea. Large, strongly fragrant flowers of snowy whiteness, produced in great profusion; a strong, healthy grower with large foliage.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KILLARNEY</td>
<td>A splendid new Hybrid Tea Rose; strong, robust grower; free from continuous blooms; color is brilliant, sparkling pink; flowers are extra large and the buds long and pointed.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLOTHILDE SOUPEAU</td>
<td>Tea Polyantha. One of the finest flowering Roses in our collection, producing products of double Rosé with a pink flush, deepening to red blush in the center.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAJESTIC</td>
<td>Tea. One of the most deliciously scented and beautiful in cultivation; slivery pink; fine growth.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETIOLE DE LYON</td>
<td>A splendid rich yellow, beautiful in the bud as well as on the flower.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAD. FRANCISCA KRUGER</td>
<td>A fine bedding Rose; color, copper-yellow, shaded with peach. Large and full.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HERMOSA</td>
<td>Bourbon-China. The old favorite bright rich pink, which is always in bloom.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAMAN COCHET</td>
<td>Everblooming Tea. An extra-strong grower, producing large buds and flowers in the greatest profusion; color, deep rose-pink, inner side of petals silver-rose; borne on long, stiff stems; very double and exquisite when in bloom.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WHITE MAMAN COCHET</td>
<td>Everblooming Tea. Identical with Maman Cochet, except for white.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRAU KARL DRUSCHKI</td>
<td>Hybrid Perpetual. A splendid rich yellow, beautiful in the bud as well as on the flower.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

HELEN GOULD, or BALDWIN. A splendid bedding variety with large full flowers of fine form; bright, glowing carmine; a free and continuous bloomer.

GENERAL JACQUEMINOT. Hybrid Perpetual. Brilliant scarlet-crimson.

LA FRANCE. Hybrid Tea. An old favorite and probably the most popular Rose the world over. Flowers clear, satiny pink; large; very full and of perfect form.

GLOIRE DE LONESTAIS. Hybrid Perpetual. White, tinted with yellow; large, full and of good shape; very distinct.

MAGNA CHARTA. Hybrid Perpetual. Bright pink, suffused with carmine; a beautiful bright, vigorous grower.

MRS. JOHN LAING. Hybrid Perpetual. Soft pink of beautiful form; exceedingly fragrant and remarkably free flowering.

PAUL NEYRON. Hybrid Perpetual. The largest Rose; rosy pink color.

Climbing Roses

CRIMSON RAMBLER. Plants 2 to 3 feet. 50 cts. each.

PINK RAMBLER. Plants 2 to 3 feet. 50 cts. each.

WHITE RAMBLER. Plants 2 to 3 feet. 50 cts. each.

YELLOW RAMBLER. Plants 2 to 3 feet. 50 cts. each.

Our Guarantee. The shipping of Roses and other plants by mail is so unsatisfactory to the buyer that we have decided to offer only large, strong one and two-year-old plants by express, which we guarantee to please you. Roses and Hardy Climbers will not be ready to ship before May 1, and unless otherwise ordered, we will send all plants on or about that date.
**HOLMES' SUPERIOR FLOWER SEEDS**

On the following pages are listed the very best flower seeds that can be grown. We offer them with the full consciousness of their superiority, knowing that they will give unbounded satisfaction. We guarantee all of them to be absolutely fresh, new crop, tested and of strong germination power. We have listed all seeds by using the botanical in some instances and the English names in others. There are also cross references wherever needed so that every variety may readily be under either name.

Following each name will be found letters according to the following table, showing the nature and character of each plant, and figures showing the height to which it naturally grows. The letters and their meanings are as follows:

A. **Annual**—Blooming the same year of planting, but dying in the fall.

B. **Biennial**—Lasting two years.

H. **Hardy Annual**—Growing with but little care.

HHA. **Half-Hardy Annual**—Requiring protection in unfavorable seasons.

HP. **Hardy Perennial**—Permanent in growth, coming up each spring from the roots, and increasing in size and beauty.

TP. **Tender Perennial**—Requiring mulching or protection during the winter.

GP. **Greenhouse Perennial Plants**—Those suitable only for growing in pots in the conservatory or house.

GS. **Greenhouse Shrubby Plants**—which are appropriate for greenhouse culture, but which can be planted outside during the summer.

We shall be glad, at all times, to answer questions relative to the growing of flowers, and will cheerfully give our patrons the benefit of our experience. Write us for any information desired.

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**Special Collections of Flower Seeds**

_A NEW MONEY-SAVING PLAN—SATISFACTION GUARANTEED_

To give our patrons all the advantages possible in their purchase of flower seeds, we have devised a plan whereby everyone has a chance to make his own selection of seeds, but to obtain them at reduced prices.

By this plan selections and payments may be made as follows:

Select _Seed_ Seeds to the value of $3.00 and remit $2.00 with the order.

Select _Seed_ Seeds to the value of $2.00 and remit $1.40 with the order.

Select _Seed_ Seeds to the value of $1.50 and remit $1.00 with the order.

Select _Seed_ Seeds to the value of $1.00 and remit $0.70 with the order.

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**ALL FLOWER SEEDS DELIVERED FREE, BY MAIL, POSTPAID, AT PRICES AFFIXED**

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Lge. Pkt.</th>
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<tbody>
<tr>
<td>1</td>
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<tr>
<td>ABRONIA umbellata (Sand Verbanca). A. Trail- ing, Rose-colored flowers in clusters. For baskets, borders and rockeries.</td>
<td>05</td>
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<tr>
<td>5</td>
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<tr>
<td>ABUTILON (Flowering Maple). GS. 4 ft. Tender shrub, with handsome foliage and bright bell-shaped flowers. Mixed colors. For garden, greenhouse or house.</td>
<td>10</td>
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<tr>
<td>ACHELIA Pratensis, &quot;The Pearl.&quot; (Yarrow; Milfoil). HP. 2 ft. Double-white flowers in clusters.</td>
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<tr>
<td>Napoleon. Blue</td>
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<td>16</td>
<td></td>
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<tr>
<td>Napoleon. White</td>
<td>05</td>
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<tr>
<td>20</td>
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<tr>
<td>ACHROCLINIUM. HHA. 1 ft. Everlasting flowers; mixed colors. Fine for winter decoration.</td>
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<tr>
<td>ALDIMIA ciliaris (Allachevy Vine). B. Climbing. Splendid climber, with pink flowers.</td>
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<tr>
<td>ADONIS semevialis (Flor Amoris). A. 1 ft. Feathered leaves; blue flowers.</td>
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<td>AGERATUM. Floss Flower. A. For edging; blooms all summer.</td>
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<td>32</td>
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<tr>
<td>Blue Perfection. 6 in. Blue.</td>
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<td>33</td>
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<tr>
<td>Blue Star. 5 in. Bright blue.</td>
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<tr>
<td>Dwarf White. 9 in. White.</td>
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<tr>
<td>grandiflora alba. 9 in. White; large flowers.</td>
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<td>Princess Victoria Louise. 6 in. Light blue, white center.</td>
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<tr>
<td>Fine Mixed. Both colors mixed.</td>
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<td>AGROSTEMMA. HP. 2 to 3 ft. Free blooming. Fine for dry places.</td>
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<tr>
<td>coronea (Rose Campion). Rose-colored.</td>
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<td>ALLEGHENY VINE. See Alumia.</td>
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<tr>
<td>ALTHAEA. See Hollyhock.</td>
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<tr>
<td>51</td>
<td></td>
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<tr>
<td>ALYSIUM. Clusters of small flowers all summer. For edging.</td>
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<tr>
<td>52</td>
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<tr>
<td>axillare compactum (Basket of Gold). HP. Pkt. 2 ft. Yellow</td>
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<td>Little Gem. HA. 6 in. White; spreading.</td>
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<td>procumbens (Carpet of Snow). HA. White; very dwarf.</td>
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<tr>
<td>martimimum (Sweet Alyssum). HA. 6 in. White</td>
<td>05</td>
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<tr>
<td>59</td>
<td></td>
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<tr>
<td>AMARANTHUS. A. 2 to 3 ft. Handsome foliage and plumes-like flowers. Pkt.</td>
<td>05</td>
</tr>
<tr>
<td>59</td>
<td></td>
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<tr>
<td>caudatus (Love-Lies-Bleeding). Red</td>
<td>05</td>
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<tr>
<td>60</td>
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<tr>
<td>salicifolius (Fountain Plant). Red; drooping.</td>
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</tbody>
</table>

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**MONEY-SAVING Collections**

In all cases the order will be filled exactly as desired, but in order to take advantage of this reduced price offer, it will be necessary to mention the fact in the order.

---

**Holmes' Late Giant Branching Aster**
Asters. **A to 2 ft.**

The best known and most popular of all late-blooming garden annuals. Some are handsome, quilled, and others resemble the large chrysanthemums in form and beauty. Special instruction in their cultivation will be sent upon application.

**ASTERUM. A Glorified Aster**

### ASCLEPIAS.
- _Aristolochia_: See Grapes.
- _Astragalus_: See Carrots.
- _Astilbe_: See Lilies.
- _Aster*: See Roses.
- _Aurinia*: See Flowers.
- _Avena*: See Oats.
- _Avenula*: See Flowers.
- _Aviscula*: See Flowers.
- _Astragalus*: See Flowers.
- _Aster*: See Roses.
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<th>Quantity</th>
<th>Price</th>
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<tr>
<td>252</td>
<td>Single Varieties, choice mixed</td>
<td>15</td>
<td>65</td>
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<td>253</td>
<td>Double Varieties, choice mixed</td>
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<td>260</td>
<td>Holmes' Mammoth White</td>
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<td>261</td>
<td>German Double Mixed</td>
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<td>263</td>
<td>Black-eyed Susan</td>
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<td>265</td>
<td>Blanket Flower</td>
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<td>A. t. ft. For edging</td>
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<td>B. t. ft.</td>
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<td>272</td>
<td>C. coccinea (Tassel Flower)</td>
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<td>273</td>
<td>C. ericoides (Dwarf Mugo)</td>
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<td>274</td>
<td>C. imperialis</td>
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<td>C. maritima</td>
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<td>276</td>
<td>C. vulgaris (Cornflower)</td>
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<td>C. x blanda</td>
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<td>C. x anemopsis</td>
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<td>C. x dasyphylla</td>
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<td>C. x intermedia</td>
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<td>C. x speciosa</td>
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<td>282</td>
<td>C. x versicolor</td>
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<td>C. x willkommiana</td>
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<td>284</td>
<td>C. × heleniifolia</td>
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<td>285</td>
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<td>C. × heleniifolia var. splendens</td>
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<td>C. × heleniifolia var. tricolor</td>
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<td>290</td>
<td>C. × heleniifolia var. × variegata</td>
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<td>294</td>
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<td>298</td>
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<tr>
<td>299</td>
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<tr>
<td>300</td>
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<td>75</td>
<td>25</td>
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<tr>
<td>301</td>
<td>C. × heleniifolia var. × × × × × × × × × × × ×</td>
<td>75</td>
<td>25</td>
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<tr>
<td>302</td>
<td>C. × heleniifolia var. × × × × × × × × × × × × ×</td>
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<tr>
<td>303</td>
<td>C. × heleniifolia var. × × × × × × × × × × × × × ×</td>
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<tr>
<td>304</td>
<td>C. × heleniifolia var. × × × × × × × × × × × × × × ×</td>
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Group of Double Annual Pinks

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<th>Description</th>
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<td>Dwarf Feathered</td>
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<td>25</td>
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<tr>
<td>339</td>
<td>Cottage Garden</td>
<td>10</td>
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<tr>
<td>340</td>
<td>Thrift</td>
<td>10</td>
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<td>341</td>
<td>Polyanthus</td>
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<tr>
<td>342</td>
<td>Waxflower</td>
<td>10</td>
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<tr>
<td>343</td>
<td>Rose</td>
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<tr>
<td>344</td>
<td>Zinnia</td>
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<tr>
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For edging

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For edging
CINNAMON VINE. See Bulbs.

445

CITRIDIODORA (Lemon Thyme). Pale green, lemon-scented foliage; 1 ft. 50 Pkt. 10

450

CLARKIA. A. 1/2 ft. Graceful sprays of numerous colors. 05 Pkt. 15

455

CLEMATIS. H.P. Climbing vines of rapid growth. Large flowered. See under Climbing Plants.

460

CLEMATIS purpurea (Spider Vine). A. Bushy plant with pink flowers. 05 Pkt. 20

465

COBRAE scandens (Cup-and-Saucer). A. 20 ft. White, with rapid growing habit and cup-and-saucer-like flowers. 10 Pkt. 50

470

CUTEBINUM. White. 15 Pkt. 10

475

CUP-A-PATCH. Dainty. 05 Pkt. 10

480

CUPHRUTICA (Cup Flax). HHA. 1 ft. Quaint scarlet tubular flowers, with white tips. For borders.

485

CUP-AND-SAUCER. See Campanula and Coloreds.

490

CUP FLOWER. See Nicerembega.

495

CUT-AND-COME-AGAIN. See Stocks.

500

CYCLAMEN, Holmes' Ruby. GP. 9 in. One of the handsomest of all conservatories or house plants, with exquisitely shaped flowers and brightly motley foliage. Our Cyclamen seed is grown specially for you by the leading expert in England, and we can guarantee its purity and blooming quality.

505

Dahlia of Connacht. Crimson

510

Excelsior. White, with red eye.

515

golden-flowered.

520

Princess of Wales. Pink.

525

Salmon Queen. Salmon-pink.

530

Medallion. All colored mixed.

535

The regular Gigantum strain of any of the above mixed varieties.

540

GYPSOPHERA alternifolia (Umbrilla Plant). GP. 2 ft. Graceful house plant with long stems and palmate foliage. For protection.

545

GYPSUM PINE (Impomos Quamoclit). A. 20 ft. Graceful climbing vine, with feathery foliage and star-like flowers.

550

White

555

Mixed

560

GYPSUS, SUMMER. See Kochia.

565

DAILIAS. HHA. 2 to 5 ft. Superb, decorative plants, grown mostly from roots, but can also be successful from seed. See also Bulbs and Roots.

570

Superb Single. Mixed colors and forms.

575

Dwarf Large Flowered Mixed.

580

Pompoms. Choice mixed small flowers.

585

DAISY, English. See Petunias.

590

Swan River. See Brachycomes.

595

Shasta. See Chrysanthemum.

600

Maidenhair. See Chrysanthemum.

605

DELPHINUM (Larkspur). Stately spikes of beautifully colored flowers in June and in fall.

610

Perennial Varieties:

525

Belfordana. ft. Delicate blue.

530

Burkbank's Hybrida. 4 ft. Mixed colors.

535

Chinese (D. grandiflorum white). 05 Pkt. 15

540

formosum. See Seeds.

545

nudicaule, 18 in. Bright scarlet 10 Pkt. 50

550

Zoff. 4 ft. Sulphur-yellow. 05 Pkt. 20

555

Annual Varieties:

560

Emperor. 3 ft. Mixed colors.

565

Tall Rocket. 2 ft. Mixed colors.

570

Double Dwarf Rocket. 1 ft. Mixed colors.

575

Giant Fringe-toed. 1 ft. Mixed colors.

580

Dark Blue. 2 ft. Mixed colors.

585

Shell-pink. 3 ft.

590

White. 3 ft.

595

Mixed. 3 ft. All colors.

600

DIAMOND FLOWER. See Ipomopsis.

605

DIANTHUS. Pinks. B. 1 ft. Charming, clover-shaped flowers of the old time gardens. See also, Carnations.

610

Double White. See Carnations.

615

Single Varieties:

555

Salmon Queen. Salmon-pink; fringed... 10 Pkt. 15

560

staturius (Star Pink). Mixed colors.

565

Japonicus, "Eastern Queen," fringed.

570

Barbatas (Sweet William).

575

Holmes' Giant Duchess. Mixed.

580

Brilliant Red.

585

Pure White.

590

All mixed colors.

595

Large mix. See Carnations.

600

Barbatas (Sweet William).

605

Holmes' Giant Duchess. Mixed.

610

Brilliant Red.

615

Pure White.

620

All mixed colors.

625

Large mix. See Carnations.

630

ELEPHANT'S EAR. See Caladium.

635

ESCHSCHOLTZIA (Flower Poppy), HHA. 1 ft. Masses of showy poppy-like flowers all summer.

640

Holmes' Mammoth White. White; large.

645

Hunnemannia. Bush-form; yellow.

650

Giant W Orange-yellow.

655

Mandarin. Orange-yellow.

660

Rose. Carmine-rose.

665

Giant Single Mixed. All colors.

670

EULALIA Japonica. See Grasses.

675


680

EVENING PRIMROSE. See Oenothera.

685

EVERLASTING FLOWERS. See Xeranthemum.

690

FALSE DREAM HEAD. See Physostegia.

695

FEATHER GRASS. See Grasses.

700

FERFETTUM. See Matricaria.

705

FLAME FLOWER. See Tritomea.

710

FLORIDA BATTLEBOX. See Crotalaria.

715

FLOSS ADONIS.

720

FLOSS FLOWER. See Ageratum.

725

FLOWERING FLAG. See Ixia.

730

FLOWERING MAPLE. See Abutilon.

735

FLOWERING TOBACCO. See Nicotiana.

740

FORGET ME NOT. See Myosotis.

745

FOUR O'CLOCK. See Mirabilis.

750

BELLEFLEUR. See Crotalaria.

755

GUCHISIA (Lady's Eardrop), GS. 2 ft. Lightly two-tinted flowers, in various colors.

760

GALLARDA (Bulbous), HHA. 2 ft. Handsome garden plants. For winter bloom; beautiful flowers in shades of yellow and orange.

765

Annual Varieties:

520

Picfa. Mixed colors.

525

Pentzia. Mixed foliage.

530

Plectranthus. Mixed colors.

535

Perennial Varieties:

540

golden-flowered. medium colors. brown center.

545

golden-flowered. compacta. Dwarf.

550

Salmon-red. Orange edge.

555

subulata. hoary

560

GAS PLANT. See Dicentra.

565

GERANIUM (Pelorogonum). GS. 2 ft. The well-known and popular bedding flowers. Grow well from seed.

570

Zonal. Mixed colors.

575

Lady Washington. Mixed. 100 seeds. 15 Pkt. 15

580

GLADIOLI. See Bulbs.

585

GLOBE AMaranth. See Crotalaria.

590

GLOXINIA. GP. 2 ft. Curious, velvethroated flowers, randomly colored, scarlet to stained.

595

Holmes' Tiger-spotted. Curious colors.

600

Hybride. Brilliant colors; velvethroated foliage. See also, under Bulbs.

605

GOLDLIA (Lipstick Plant). A. 2 ft. Handsome garden plants, in constant bloom. For winter bouquets.

610

Bijou. Blush-pink.

615

GAMMA. 5 ft. Scarlet.

620

GOMPHERE (Globe Amaranth). A. 1 to 2 ft. Coarse plants, with a profusion of globe-shaped, mottled flowers. For winter bouquets.

625

Mixed. All colors.

630

GOURD. A. 10 to 20 ft. Climbing, bearing yellow flowers and curious seed-vessels.

635

Sugar Trough (Sap Bucket). Largest.

640

White Egg (Nest Egg). Very useful.

645

Pkt. Lge. Pkt.
GOURDS—continued

573 Dishcloth, (Luffa or Bonnet Gourd) Pkt. 25 Lge. Pkt. 50
578 Mock Orange. The best known. OZ. 05 25
579 Mixt. Ornamental. All sorts. Lge. Pkt. 05 25
583 GRASSLES, Mixed
584 Avena sterilis (Oatmeal). A. Annual, erect, for bouquets. OZ. 15 50
585 Bromus briziformis. A. Winter bouquets. Lge. Pkt. 05 25
586 Bulbous Lachenalia (Jolly Tears). Seed resembles tansy. Lge. Pkt. 05 25
587 Dalia Japonica var. Handsome. Pkt. 05 25
588 Gynantherum argentum (Pampas Grass). FIRE. 15
589 Fededenium jubulium var. Tawny. BUSBY. 15
590 Pennisetum Ruppelilleanum (Grass). A. Crimson plumes. Lge. Pkt. 05 25
591 Stipa pennata. HP (Feather Grass). Lge. Pkt. 05 25
592 SPECIAL Value. These are the above 9 varieties of Ornamental Grasses, 40 cts. postpaid.

GYPSOPHILA paniculata (Baby's Breath), HP. 3 ft. Small white flowers in sprays forming a neat Hillock, Helianthus (Sunflower). A. and H. Bold, hardy, large, marbled, annuals

HELIANTHUS (Sunflower). A. and H. Bold, hardy, large, marbled, annuals

Helenium (Helenium). A. 3 ft. Yellow

Helenium (Helenium). Multiflorus. P. 4 ft. Double; golden. OZ. 10 50

Helenium (Helenium). Silver-leaved. A. 4 ft. Foliage slivery. OZ. 10 50

Helichrysum (Daisy). A. 3 ft. Small; orange-yellow. Lge. Pkt. 05 25

HELIOTROPIUM (Heliotrope). HP. 3 to 6 ft. Daisy-like yellow flowers.

HEUCHEREA. (Heucherella). S. F. Silver foliage. One of the best "everlasting" flowers. All colors

HEPSTERIS (Hepatica). HP. 2 ft. 3 spikes of white, lilac and pink flowers; fragrant

HIBISCUS (Malvaceae). 6 ft. Large, saucer-shaped flowers of exquisite colors.

Heliconia (Heliconia). 3 ft. All colors

mesocetus roseus. Rose-pink

Helxine. Pink


Heteranthus. Yellow colors. 10 50

Hellegenii. Semidouble; mixed; fringed. 10 50

HONESTY. See Lumanaria.

MORCUANA. See Grasses.

HORN-OF-PLENTY. See Datura.

HONEYwort. See Plants.

HUMBLY PLANT. See Mimosa.

HUMULUS Japonica variegata (Japanese Hop). A. 30 to 30 ft. Rapid climber, with green and white foliage.

HYACINTHS. See Bulbs.

IBERIS. See Candytuft.

ICE PLANT. See Mesembryanthemum.

IMPERATA cylindrica (Japanese Knotgrass). S. F. A charming house plant, with dark green, shining leaves. Inhabitants of all climates. Lge. Pkt. 05 25

Sulcata. Rose scarlet flowers. Pkt. Oz. 10 50

Holotii. Bright scarlet flowers. Lge. Pkt. 05 25

IONISPISIDIS aculea (Diamond Flower). A. 3 in. Spiny and brightly colored. All others in blister.

IPOMOEA (Morning-Glory). A. Climbing Vine, Rapid grower, with large flowers opening in the evening. Lge. Pkt. 05 25

notoillora (Moonflower). White

grandiflora superba, with white, with a tinge of pink. Lge. Pkt. 05 25

Mexicana grandiflora alba. White

Oxmoch. See Cypress Vine.

IRIS (Flowering Flag). 2 ft. Two flowers are conspicuous of all the "Flaas." Bloom some second year from seed.

Keramophrum (Japanese Iris). All colors


JACOBEO LILY. See Amaryllis.

JAPANESE IBISCO. See Isabellina.

JERUSALEM CHERRY. See Solanum. Lge. Pkt. 05 25

JERUSALEM LILAC. Lge. Pkt. 05 25

JOP'S TEARS. See Grasses.

KENILWORTH IVY. See Linnaria.

KIGA (Japanese Fire Bush). A. 3 ft. Forms a cy- Pressor, an evergreen, very deep red in autumn.

KIDZU VINE. See Pueraria.

LACTUCA (Lactuca). M. Pkt.


Holmes ' Mixed Hybrids. All colors

Larkspur. Lge. Pkt. 05 25

LATHYRUS. S. F. Perennial pea. HP. Climbing Vine. With flowers of yellow, orange, red, white, blue, pink, purple, and violet. Lge. Pkt. 05 25

LAVATERA trimestris. A. 2 ft. Glossy foliage Pkt. Oz. 05 25

Lemon verbena. See Citrodora.

LINNARIA cymbalaria (Keinowith Ivy). GS. To 6 ft. old world flower, fine for baskets and window boxes.

LOBELIA. Handsome garden plants; valuable for their blue and white flowers.

Annual Varieties;

compacta alba. White; trailing. Pkt. Lge. Pkt. 05 25

compacta purpurea. Purple; trailing. 10 25

Crystal Palace. Dwarf; blue; trailing. 10 25

Perennial Varieties;

cardinalis (Cardinal Flower). Rich cardinal-

LOVE-IN-A-MIST. See Nigella.


LUNAARIA biennis (Hare's Foot Clover). B. 2 ft. interesteeting garden plants, with purple flowers and curious, transparent seed-pods. Pkt. such used for white dawn. Lge. Pkt. 05 25

LUPINUS (Lupin). A. and H. 2 ft. Splendid showy plants, bearing clusters of peame flowers of colored flowers. All colors

Annual Varieties. All colors mixed. Pkt. Lge. Pkt. 05 25

Perennial Varieties.

LYCHNIS Chalcedonica (Jerusalem Cross). HP. 1 ft. Time, showy garden plants, with scarlet cross-shaped flowers in clusters.

MADAGASCAR PINKWINKLE. See Vinca.

MALLOW. MARGUERITE. See Chrysanthemum.

MARIGOLD (French, English). The garden annuals in all shades of yellow, brown and red.

Very free flowering; require sunny situation.

Large African Marigolds. Pkt. Oz. 05 25

Lemon Queen. 3 ft. Lemon-yellow. Pkt. Lge. Pkt. 05 25

Eldorado. 5 ft. Yellow; large. Pkt. Lge. Pkt. 05 25

Double Mixed. 3 ft. Shades. Pkt. Lge. Pkt. 05 25

French Varieties;

Lemon Queen. 6 ft. Yellow and brown. Pkt. Lge. Pkt. 05 25

Striped Single. 1 ft. Yellow and brown. Pkt. Lge. Pkt. 05 25


Dwarf Mixed. Tall, 18 in. Mixed. Pkt. Lge. Pkt. 05 25

Dwarf Striped. Dark brown. Pkt. Lge. Pkt. 05 25

MARVEL OF PERU. See Mirabilis. Lge. Pkt. 05 25

MATRICARIA (Southern Thistle). 2 ft. Showy, double, white flowers; for bedding or pots. Pkt. Lge. Pkt. 05 25

MATTHiola. See Stocks.

MURANDY FLOW. HP. 5 ft. Graceful climber, with foxglove-like flowers.

Large-flowers. Cream and New. Pkt. Lge. Pkt. 05 25

Dark Purple. Pkt. Lge. Pkt. 05 25

Fine Mixed. All colors. Pkt. Lge. Pkt. 05 25

MIGNONETTE. (Reseda). Charming old-time favorite of exquisite perfume.

HOLMES Giant Sweet-scented. Golden yellow-

very fragrant. Pkt. Lge. Pkt. 05 25

HOLMES Dwarf Mignonette. Red; fragrant. Pkt. Lge. Pkt. 05 25

Allen's Defiance. Red; extra choice. Pkt. Lge. Pkt. 05 25

odorata grandiflora. Large and white. Pkt. Lge. Pkt. 05 25

gigantea. Mixed colors. Pkt. Lge. Pkt. 05 25

Bismarck. Compact plant; large flowers. Pkt. Lge. Pkt. 05 25

Goliath. Red; extra large. Pkt. Lge. Pkt. 05 25

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NASTURTIUM (Tropaeolum)

DWARF AND CLIMBING


This old favorite flower has been so wonderfully improved of late that the different varieties present an array of colors almost bewildering in their magnificence. They flower most profusely when the soil is not too rich. The climbing varieties form splendid screens, while the dwarf kinds are admirable for borders or in front of shrubbery.

Tall or Climbing Varieties: Pkt. Oz.
900 Chameleon (Cotone). Splashed and bordered. 05 10
901 Coccineum fol. aureis. Yellow foliage. 05 10
902 Dunnet's Orange (Sunlight). Golden 05 10
903 Edward, Lilac-honed scarlet. 05 10
904 Fordhook Fashion. Veined old rose. 05 15
905 Homalomenum. Straw; rose bloomed. 05 10
906 Jupiter. Golden yellow. 05 10
907 Pearl (Moonlight). Creamy white. 05 15
908 Vesuvius. Salmon-rose. 05 10
910 Finest Mixed Tall Varieties. All colors 05 10

Lob's Climbing Varieties, Lobbianum: Pkt. Oz.
920 Ana Gray. Cream-yellow. 05 15
921 Black Prince. New. Dark maroon 05 20
922 Brilliant. Bright scarlet. 05 15
923 Crown Prince of Prussia. Dark blood-red. 05 15
924 Firefly. Orange-yellow. 05 15
925 Primrose Cream-White. Maroon spotted. 05 15
926 Princess Victorias Louise (Margaret). Cream-white, veined and bloomed scarlet. 05 15
927 Queen Alexandra. Blood-red; variegated. 10 25
928 Queen Dowager Emma. Crimson; variegated. 10 25
929 Queen of the Morning. New. Scarlet. 10 25
930 Queen of the North. Yellow; variegated. 10 25
931 Queen of Spain. Golden yellow; variegated 10 25
932 Queen Wilhelmina. Scarlet; variegated. 10 25
933 Rudolph Vircho. Soft, rosy pink. 05 10
934 Spitfire. Fiery scarlet. 05 10
935 Finest Mixed Lobbianum Varieties. All colors 05 10

Lobbianum Ivy-leaved Sorts: Pkt. Oz.
940 Fairy King. White and dark rose. 05 20
941 Fairy Queen. Yellow, turning to brown. 05 20
942 Lady Cherry. Dark wine-red. 10 25
943 Orhelio. New. Deep red. 05 20
944 Queen of Holland. Light yellow to purple. 10 20
945 Rubin, Ruby-red. 05 10
946 Snow Queen. New. Cream-white. 05 10
947 Finest Mixed of Above. All colors 05 10

Lobbianum Lilliput Hybrids: Pkt. Oz.
950 Prince Henry. White, spotted scarlet. 05 15
951 Ruby King. Scarlet. 05 10
952 Rudolph Vircho. Scarlet. 05 15
953 Spotted King. Dark yellow, brown spots. 05 15
954 Vesuvius. New. Salmon-rose. 05 15
955 Tom Thumb Varieties Mixed. All colors. 05 10
956 Queen of Tom Thumbs. Variegated foliage. 05 15
957 Brilliant Crimson. Very bright scarlet. 05 10
958 Sulphur-Yellow. Very refined. 05 10
960 Golden Yellow. H. C. 05 10
961 Queen of Tom Thumbs Mixed. 05 10
962 Tom Thumb Spencer Varieties. 05 10
963 David Burpee. Velvety purple-scarlet. 05 25
964 Lady Bird. Orange; dark foliage. 05 25
965 Riemke Groot. Bright scarlet. 05 25
966 Queen Mixed. All colors. 05 15
967 NEMOPHILA insignis (Love Grove). A. 1 ft. Border plants bearing a profusion of cup-shaped flowers, all colors. 05 15
968 NIEREMBERGIA frutescens (Cup Flower). TP. 1 ft. Showy plants, with broad foliage and fragrant white flowers. 05 15
969 NIGELLA Damascena (Love-in-a-Mist). A. 2 ft. Quant blue flowers surrounded by finely cut foliage, forming a misty effect. 05 20
970 OENOTHERA (Evening Primrose). A. 2 to 3 ft. Shrubby plants, bearing a great profusion of brightly colored flowers opening as the sun goes down. Mixed colors. 05 15
971 PASSIFLORA caerulea (Passion Vine). TP. 8 to 10 ft. Interesting vine, with blue, wax-like flowers. 05 25

PETUNIAS

These are among the most easily grown of all garden annuals and furnish a magnificent succession of brilliant flowers.

1170 New Frijmbrita, Canary Bird. A. 1 ft. Brilliant flowers of distinct yellow, deeper in bloom. 15 $1.75
1171 Holmes' DeFlamme. Extra large; all colors. 10 $1.25
1172 New Star. Perfect star in center; all colors. 10 $1.00
1173 Holmes' Fancy Fringed. All colors. 10 $1.00
1174 Double Giant. Large, 250 seeds. $1.75 25
1175 Hybrids, Finest Mixed, oz. $1.
For a number of years we have been selling our Superb Mixtures of Different Varieties of Pansies, and, without a single exception, we have had the most flattering reports on the many beautiful varieties and colors never before seen by our customers in other mixtures obtained elsewhere. We give a complete list of the different varieties in the mixtures that we are handling, and which include all the varieties obtainable from the best growers in Germany and other countries.

1046 Holmes' Non Plus Ultra. The richest mixture ever sent out, and containing the Blotted and Masterpiece varieties in greatest proportion; very effective...

1047 Large-flowered Perennial. Mostly light colors; very gay and pretty.

1048 Giant French Large-stained. Beautiful and very effective.

1049 Princess. New, quite compact, upright-growing weatherproof class of Pansies, mostly blotted, and some frilled flowers; very valuable.

1050 Holmes' Triumph of the Giants. Robust, compact-growing plants; flowers enormous in size, of rich and rare colors.

1051 Holmes' Mammoth double-blotched. Magnificent extra-large flowers, superbly marked. Flowers, 4 inches across, with ruffled edges and distinct colors and markings.

1052 Bugnot's Giant Spotted. Color radiates on margin of petals; beautifully spotted.

1053 Mme. Perret. Great American Giants. "White and Blue".

1055 Odier Five-spotted Beauties. Of perfect form and somber beauty.

1056 Goliath Castleys Orchid-flowered. Exquisite.

1057 Giant Trimardeau. Enormous in size and great variety of colors.

1058 Trimardeau Giants Spotted Parisian. Extra large; gorgeous colors.

1059 Cassier and Trimardeau Mixture. Superb mixture of large flowers.

1060 Very Fine Mixture, composed of all the separate varieties. Remarkably showy.


1062 English Pansies, Mixed (the old "Faced Pansy").

1063 French Faced, Mixed.

1064 Cassier's Very Large-flowered Blotched. The largest flowered class of Blotted Pansies. Our famous, very showy and especially rich strain; quality unsurpassed.

1065 Bugnot's Superb Blotched. A very beautiful class. Large flowers, with broad blotches, many having the two upper petals finely lined; great variety of handsome and rare colors.

1066 Bugnot's Exhibition. Saved from best selected plants. An incomparable strain, producing many beautiful and rare varieties.

1067 Bugnot's Dark Brown Shades.

1068 Raphael (Benary). New; blue veins and dark violet spots on white ground; beautiful varieties.

1070 Auricula-flowered, Prince Bismarck. Light blue, striped rosy blue.

1071 King of Blacks. Violet-blue.

1072 Giant Cassier, Hortensia Red. New.

1073 Giant Marmorata. Marked on purple and crimson ground.

1074 Odier Five-spotted Yellow. Magnificent.

1075 Odier Five-spotted White. Extra fine.

1077 Psyche. Violets; violet on white; curled.

1078 Giant Vulcan. Dark red; five black blotches.

1079 Giant Trimardeau, separate colors:

1087 Adonis. Light blue.

1088 Aceropurpureum. Dark purple.

1089 Fire King. Brilliant yellow and purple.


1091 Indigo-Blue. Very rich color.

1092 Emperor William. Ultramarine-blue.

1093 Lord Beaconsfield. Purple and lavender.

1094 Peaceock. Blue, edged white.

1095 White with Eye. Black center; showy.

1096 Crimson King. Very brilliant.

1097 Mauve Queen. Dainty mauve.

1098 Snowflake. Dazzling white.

1099 PHLOX Drummondii. 6 in. to 1 ft. Among the best of all garden plants, producing masses of flowers of dazzling colors constantly all summer.

Annual Varieties:

1185 Holmes' Large-flowering, Mixed colors.

1186 Starred and Fringed. Charming in shape; all colors.

1187 Meteor. Brilliant scarlet.

1188 Alba. White flowers.

1189 Apricot. Beautiful shades.

1190 Shell-pink. Very dainty.

1191 Dwarf Compact. All colors.

1192 Splendid Mixed. All colors and kinds.

Perennial Varieties:

1200 decussata. 2 ft. All colors; flowers in splendid panicles.

1210 PHYSOSTEGIA Denticulata (False Dragonhead). 3 to 4 ft. Spikes of tubular flowers of all colors.

1215 grandiflorum. Blue; large flowers.

1216 grandiflorum album. White flowers.

NEW RED SUNFLOWER

The plants grow strong and sturdy to a height of 7 to 8 feet—according to the richness of the soil and the sunny warmth of location—producing several large flowers of refined form, the rays wide and long, the disc or center, small. The coloring varies from golden-yellow, splashed with red, to nearly all red, but the great majority will be Gaillardia colored, that is a wide or narrow zone of red surrounds the purplish-black center, the ends or tips of the petals being of a rich golden-yellow color; this combination is very rich and effective. Of course a small proportion of the plants may be noted with a purplish zone or zone of red, but even these will be showy and desirable.

The seeds may be sown in the open ground when warm enough—or it may be started in the house or hotbed. The plants commence flowering in about eight weeks from seed sowing, and should stand nor nearer than three feet apart for best development.

Price, per Packet, 15c.
SWEET PEAS—continued

UNWIN WAVED VARIETIES

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LIGHT PINK SHADES

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ROSE-PINK SHADES

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<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>445</td>
<td>Phyllis Unwin</td>
<td>25</td>
<td>15</td>
<td>00</td>
<td></td>
</tr>
</tbody>
</table>

WHITE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1445</td>
<td>Nora Unwin, Pure white</td>
<td>25</td>
<td>15</td>
<td>00</td>
<td></td>
</tr>
</tbody>
</table>

LAVENDER AND BLUE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1470</td>
<td>Countess of Cadogan</td>
<td>15</td>
<td>15</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

DARK BLUE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1460</td>
<td>Navy Blue</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

DEEP PINK SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1465</td>
<td>Coccinea</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

LAVENDER AND BLUE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1471</td>
<td>Helen Pierce</td>
<td>20</td>
<td>15</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

LIGHT PINK SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1459</td>
<td>Agnes Eckford</td>
<td>20</td>
<td>15</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

MARBRO SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1490</td>
<td>Black Knight</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

ORANGE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>Henry Eckford</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

RED SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1510</td>
<td>America</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

WHITE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1525</td>
<td>Blanche Burpee, Pure white</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

VIOLET AND PURPLE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1520</td>
<td>Duke of Westminster</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

FOR CHRISTMAS FORCING

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1540</td>
<td>Burpee's Early White</td>
<td>05</td>
<td>25</td>
<td>75</td>
<td></td>
</tr>
</tbody>
</table>

LAVENDER SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1541</td>
<td>Christmas Red</td>
<td>05</td>
<td>25</td>
<td>1.00</td>
<td></td>
</tr>
</tbody>
</table>

CHRISTMAS SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1543</td>
<td>Christmas Pink</td>
<td>05</td>
<td>25</td>
<td>1.00</td>
<td></td>
</tr>
</tbody>
</table>

MIXED Colors

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1544</td>
<td>Mixed Colors</td>
<td>05</td>
<td>25</td>
<td>1.00</td>
<td></td>
</tr>
</tbody>
</table>

SWEET ROCKET

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1560</td>
<td>Unwin's</td>
<td>05</td>
<td>25</td>
<td>1.00</td>
<td></td>
</tr>
</tbody>
</table>

PLUM ROSE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1565</td>
<td>Blanche Burpee</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

CHERRY SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1572</td>
<td>Dorothy Eckford, Pure white</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

WILLIAM & MARY SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1575</td>
<td>Smith's</td>
<td>15</td>
<td>15</td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

VIOLET AND PURPLE SHADES

<table>
<thead>
<tr>
<th>Shade</th>
<th>Name</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1/4 lb.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1575</td>
<td>Holmes' Christmas</td>
<td>15</td>
<td>15</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

ZINNIA (Youth and Old Age), A. Favorite garden flowers; among the easiest to grow and bloom.

For many years we have been working on a strain of Giant Zinnias, as many of these beautiful flowers would run back to the small type. The strains from abroad seem to give the poorest flowers. This year our seed was grown in Canada, and to our surprise we had flowers ranging in size from 4 1/2 to 4 3/4 inches across. The illustration above shows a flower which measures 3 1/4 inches across and had to be reduced to go in our catalog.

1586 alba. White with rose eye | 10 20 |
1587 alba pura. Pure white | 10 20 |
1588 rosea. Rose with dark eye | 10 20 |
1589 Mixed. All colors | 10 20 |

VIOLET, Sweet-scented (Viola odorata). TP. 6 in. The favorite fragrant flowers, blooming all season. Seed germinates slowly.

1596 Single Blue Gaz. Dark blue | 10 40 |
1597 Single White Gaz. Large; white | 10 40 |

1599 VIRGIN'S BOWER. See Clematis.

1605 Fine German. Double. All colors; selected seed | 20 40 |
1606 Single Mixed. All colors; brilliant WAX FLOWER. See Mesembryanthemum.

1608 Blue WILD CUCUMBER. See Echinocystis.

1609 Single Mixed. Both colors | 05 15 |


YARROW. See Achillea.

Holmes' Improved Giant Large-flowering Double Zinnias
Suitable Shrubs for Hedges

Many people are now planting hedges instead of building fences which neither add to the appearance or value of the home grounds. With hedges the direct opposite is true, for a home, planted on either side with an attractive, well-kept hedge, is sure to be worth more money than a home where a fence is used between your grounds and those of your neighbor's. In the following list are numerous hedge plants which are easy to keep in order and are well adapted to this locality.

Berberis. Barberries

**BARBERY THUNBERGII.** (THUNBERG'S, OR JAPANESE BARBERY.) This is without doubt one of the best plants for hedge; for regardless of whether it is given attention or not the effect is always good. Barberry can be planted and allowed to grow naturally. An excellent effect is attained if you prune this plant, for with this variety you can make a hedge of almost any design or shape. The leaves are small, dark green and change to red in fall. The plant bears a mass of bright scarlet fruit which remains through the winter.

<table>
<thead>
<tr>
<th></th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 1 1/2 feet</td>
<td>25</td>
<td>$1.75</td>
<td>$13.00</td>
</tr>
<tr>
<td>1 1/2 to 2 feet</td>
<td>35</td>
<td>2.00</td>
<td>15.00</td>
</tr>
<tr>
<td>2 to 3 feet</td>
<td>45</td>
<td>3.00</td>
<td>18.00</td>
</tr>
</tbody>
</table>

**B. VULGARIS PURPUREA.** (PURPLE BARBERY.) The foliage of this hedge plant is violet purple, which color is strongly marked when this variety is planted near shrubs that have green foliage.

<table>
<thead>
<tr>
<th></th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 to 3 feet</td>
<td>75</td>
<td>$6.00</td>
<td>$40.00</td>
</tr>
</tbody>
</table>

B. VULGARIA. (COMMON EUROPEAN BARBERY.) An excellent hedge plant, also useful in mass planting. In early summer it bears numerous yellow flowers, and in autumn an abundance of orange-scarlet fruits.

<table>
<thead>
<tr>
<th></th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2 to 2 feet</td>
<td>35</td>
<td>$2.25</td>
<td>$16.50</td>
</tr>
</tbody>
</table>

Ligustrum. Privet

**LIGUSTRUM OVALIFOLIUM.** (CALIFORNIA PRIVET.) A vigorous, low-growing plant that will stand any amount of pruning. The leaves are large, glossy dark green and remain on the plant until late winter. Makes a very dense hedge.

<table>
<thead>
<tr>
<th></th>
<th>Per 10</th>
<th>Per 100</th>
<th>Per 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 to 12 inches</td>
<td>75</td>
<td>$4.50</td>
<td>$35.00</td>
</tr>
<tr>
<td>1 1/2 to 2 feet</td>
<td>$1.00</td>
<td>7.00</td>
<td>55.00</td>
</tr>
<tr>
<td>2 to 3 feet</td>
<td>1.25</td>
<td>8.00</td>
<td>65.00</td>
</tr>
</tbody>
</table>

Extra Bushy, Grown Especially for Screen Planting

<table>
<thead>
<tr>
<th></th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 to 4 feet</td>
<td>$1.25</td>
<td>8.75</td>
<td>85.00</td>
</tr>
<tr>
<td>4 to 5 feet</td>
<td>1.50</td>
<td>8.50</td>
<td>85.00</td>
</tr>
</tbody>
</table>

Thuya. Arborvitae

**THUYA OCCIDENTALIS.** (COMMON AMERICAN ARBORVITAE.) An excellent plant for hedges if it receives a little pruning. Fully described and priced under Evergreen Trees.

**TSUGA CANADENSIS.** (CANADIAN HEMLOCK.) Grows to considerable height and is unexcelled for wind breaks and screens. Will stand any amount of pruning and can be trained into different shapes as wished. Fully described and priced under Evergreen Trees.

<table>
<thead>
<tr>
<th></th>
<th>Each</th>
<th>10</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 to 4 feet</td>
<td>$2.00</td>
<td>$17.50</td>
<td>$150.00</td>
</tr>
<tr>
<td>4 to 5 feet</td>
<td>3.00</td>
<td>27.50</td>
<td>250.00</td>
</tr>
<tr>
<td>5 to 6 feet</td>
<td>4.00</td>
<td>37.50</td>
<td>350.00</td>
</tr>
<tr>
<td>6 to 7 feet</td>
<td>5.00</td>
<td>47.50</td>
<td>450.00</td>
</tr>
</tbody>
</table>

PRICES OF ABOVE Freight or Express Charges Must be Paid by Purchaser.
FRUIT TREES

So many people have inquired of us for fruit trees, that this year we have added to our catalogue a long list of Apples, Peaches, Pears, etc. Of course, there are many varieties of each that are not given here, but we don’t care to deviate from our usual custom of selling only what we know to be all right. There is not a fruit listed in this catalogue that we would not plant ourselves. Therefore, any selection you make from those given here may be fully relied on. They are tested and tried sorts, and the kinds that always “make good,” whether it be in the home garden or commercial orchard.

**Apples**

Prices of Two-Year Budded Apple Trees:

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 to 4 feet</td>
<td>45</td>
<td>$4.00</td>
<td>$35.00</td>
</tr>
<tr>
<td>4 to 5 feet</td>
<td>50</td>
<td>4.50</td>
<td>40.00</td>
</tr>
<tr>
<td>5 to 6 feet</td>
<td>60</td>
<td>5.00</td>
<td>45.00</td>
</tr>
</tbody>
</table>

JULY. (FOURTH OF JULY.) An excellent red Apple, fit for use in early summer.

RED ASTRACHAN. Summer. Skin red; flesh delicious.


WILLIAMS. (WILLIAMS’ EARLY RED.) Summer. A reddish Apple of large size; flesh is tender, juicy, and possesses a pleasing flavor.

YELLOW TRANSPARENT. Summer. A handsome Apple that grows well all over the country. Fruit is large; skin is yellowish; flesh is tender, juicy, and possesses a good flavor.

GRAVENSTEIN. Fall. A perfect fruit with a handsome yellowish skin striped with red. The flesh is yellow, firm, juicy, of excellent quality; flavor palatable.

GRIMES. (GRIMES GOLDEN.) Fall. A large size Apple, with golden yellow skin dotted gray. The flesh is tender, juicy, crisp and the flavor is good. The tree is hardy and productive.

MCDONALD. (MCDONALD RED.) Fall. This is a bright red Apple with white flesh, slightly pink towards the core. Flesh is juicy and has a subacidic flavor. It will keep a long time and requires no special storage. McDonald is hardy anywhere and does very well in this section.

STAYMAN WINESAP. Winter. The only reason we can see why this Apple is not planted more extensively in every orchard all over the country is because it is not well enough known. Frankly, we can think of no other Apple that possesses more of every good quality than does the Stayman Winesap. Its size is large, nearly round; has a very high red color and a pleasing appearance. The flesh is white, very fine quality, juicy, and flavor is one of the best. If you have room for only a few trees, plant Stayman Winesap. If you grow for market you can’t afford to overlook this variety. It is a moneymaker.

**Peaches**

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 2 feet</td>
<td>25</td>
<td>$2.00</td>
<td>$17.00</td>
</tr>
<tr>
<td>2 to 3 feet</td>
<td>50</td>
<td>2.25</td>
<td>19.00</td>
</tr>
<tr>
<td>3 to 4 feet</td>
<td>50</td>
<td>3.00</td>
<td>22.00</td>
</tr>
<tr>
<td>4 to 5 feet</td>
<td>60</td>
<td>3.75</td>
<td>26.00</td>
</tr>
<tr>
<td>5 to 6 feet</td>
<td>60</td>
<td>4.50</td>
<td>26.00</td>
</tr>
</tbody>
</table>

GREENSBORO. Ripens June 25 to July 10. It is yellow, with a crimson cheek; flesh is white, juicy and sweet. It is extra large for an early Peach, and on account of its firmness is considered one of the best commercial sorts. Freestone.

CARMEN. Ripens July 20. A favorite variety with many growers, for it usually produces excellent prices wherever sold. The fruit is large, pale yellow with crimson cheek. The flesh is tender, creamy white, possessing a spicy flavor. Freestone.

CHAMPION. Ripens August 1. A large Peach with creamy white skin and red cheek. The flesh is white. The flavor is sweet and very high in quality. Champion is an excellent slipper. Freestone.

BELLE. (BELLE OF GEORGIA.) Ripens August 3. A large showy fruit, with white skin and reddish cheek. The flesh is white, firm and delicious; extra high quality. This is one of the standard market varieties for the east. Freestone.

RAY. An extra large Peach of excellent form. The skin is yellowish, nearly all overlaid with red. The flesh is white and firm. The quality is high and desirable in every way. It ships well and arrives at distant markets in excellent condition. Freestone.
PEACHES—Continued

ELBERTA. Ripens August 20. This is a favored variety with many of our leading commercial growers. The fruit is large, yellow with reddish cheek. The flesh is firm, yellow, juicy; flavor is very high, and quality is excellent. Freestone.

LATE CRAWFORD. Ripens September 5. One of the leading late varieties. Is large in size; skin is yellow with red check. Flesh is yellow, juicy, possessing a rich flavor. Excellent for either market or home planting on account of its late ripening period. Is considered one of the leading late Peaches. Freestone.

Pears

Prices of all varieties except Kieffer

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 to 4 feet</td>
<td>50</td>
<td>$4.00</td>
<td>$35.00</td>
</tr>
<tr>
<td>4 to 5 feet</td>
<td>60</td>
<td>4.50</td>
<td>40.00</td>
</tr>
<tr>
<td>5 to 6 feet</td>
<td>70</td>
<td>5.00</td>
<td>45.00</td>
</tr>
</tbody>
</table>

BARTLETT. Summer. A handsome golden yellow fruit. Very popular with everyone who grows Pears. The fruit is large and shapely. The flavor is melting and sweet.

CLAPP FAVORITE. A large lemon yellow fruit with very fine flesh. Flavor rich and sweet.

DUCHESS. (ANGOULEM.) A large fruit of excellent quality. Flavor very pleasing, melting and buttery. Tree bears when quite young.

SECKEL. While not as large as some other varieties, Seckel makes up for this deficiency by its excellent flavor and high quality. The flesh is very juicy and the tree is a low grower. For either home or market use Seckel is an excellent variety.

KIEFFER. This Pear is the one that is grown perhaps more extensively than any other one variety that we can think of. Its size is large and the fruit possesses a sweet flavor. The flesh is rather coarse. Kieffer is one of the best for general planting. We have a special price on Kieffer trees.

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 to 4 feet, 1 and 2 years</td>
<td>40</td>
<td>$3.75</td>
<td>$32.00</td>
</tr>
<tr>
<td>4 to 5 feet, 1 and 2 years</td>
<td>45</td>
<td>4.00</td>
<td>37.00</td>
</tr>
<tr>
<td>5 to 6 feet, 1 and 2 years</td>
<td>50</td>
<td>4.50</td>
<td>40.00</td>
</tr>
</tbody>
</table>

SOUR VARIETIES

MONTMORENCY. Red. Very large in size. The flesh is solid, juicy, with rich acid flavor.

RICHMOND. Red. This fruit ripens quite early. Tree is thrifty and bears heavily; fruit medium sized.

SWEET VARIETIES

BALDWIN. Red. Flavor sweet and delicious.

SCHMIDT. Black. Flavor sweet and pleasing.

Plums

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 to 3 feet</td>
<td>40</td>
<td>$3.00</td>
<td>$25.00</td>
</tr>
<tr>
<td>3 to 4 feet</td>
<td>50</td>
<td>3.50</td>
<td>30.00</td>
</tr>
<tr>
<td>4 to 5 feet</td>
<td>60</td>
<td>4.00</td>
<td>35.00</td>
</tr>
<tr>
<td>5 to 6 feet</td>
<td>70</td>
<td>4.50</td>
<td>40.00</td>
</tr>
</tbody>
</table>

ABUNDANCE. Very large, amber color. Flesh juicy; flavor sweet.

IMPERIAL GAGE. A green variety possessing a pleasing flavor.

ITALIAN. Purple. An excellent sort for either home or market use.

WICKSON. Red. Very large. Flesh firm; flavor delicious.

Quinces

<table>
<thead>
<tr>
<th>Size</th>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 to 4 feet</td>
<td>70</td>
<td>$6.00</td>
<td></td>
</tr>
</tbody>
</table>

CHAMPION. Large to very large. Fruit oval in shape, bright yellow, flesh tender, and of excellent quality.

ORANGE. A large bright yellow fruit of excellent quality.
SMALL FRUITS

Grapes

**Strong Two-Year Vines**

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$1.50</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

**One-Year Vines**

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>$1.00</td>
<td>$4.75</td>
</tr>
</tbody>
</table>

**CATAWBA.** Red. This is one of the standard market varieties. Its flavor is delicious and pleasing. Keeps well and is a good shipper.

**CONCORD.** A fine black variety with a splendid juicy flavor. This is considered the best market grape, as it is one of the best keeping varieties. If you plant only one variety, be sure to get Concord.

**NIAGARA.** White. Berries are good-sized and borne in large bunches. The flesh is pulpy, tender and very sweet. Niagara is the standard white grape. Be sure to plant some this year.

Blackberries

**ELDORADO.** Medium size berries. Jet black in color; flavor is pleasant, melting and sweet.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$0.90</td>
<td>$4.00</td>
</tr>
</tbody>
</table>

**RATHIBUN.** Extra large berries, glossy black; flesh firm and of excellent quality.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$0.90</td>
<td>$4.00</td>
</tr>
</tbody>
</table>

**PERFECTION.** Beautiful, bright red berries borne in large clusters. Flavor excellent, mild, subacid.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$0.25</td>
<td>$5.50</td>
</tr>
</tbody>
</table>

**WILDER.** Red. Fruit has an excellent flavor.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$0.25</td>
<td>$5.50</td>
</tr>
</tbody>
</table>

**Dewberry**

**LUCRETIA.** Really a trailing blackberry, but better in quality than any blackberry. Black in color, large and handsome. Flavor excellent.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$1.00</td>
<td>$4.50</td>
</tr>
</tbody>
</table>

It takes but a few Berries like these to make a good shortcake

**Gooseberry**

**DOWNING.** A large handsome berry of excellent quality for either dessert or cooking purposes.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>$0.35</td>
<td>$3.80</td>
</tr>
</tbody>
</table>

**Raspberries**

**CUMBERLAND.** An excellent quality Raspberry, ripening in midseason. The berries are large, firm and ship well. The Cumberland is considered one of the best of all black Raspberries.

**ST. REGIS.** Bright red berries of large size. Flesh firm with a true Raspberry flavor.

**PLUM FARMER.** A new introduction that promises in time to eclipse all other black Raspberries. Its flavor is excellent; flesh is firm and meaty, and the vine is prolific. You will make no mistake if you plant Plum Farmer.

<table>
<thead>
<tr>
<th>Each</th>
<th>Per 10</th>
<th>Per 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>$0.90</td>
<td>$3.75</td>
</tr>
</tbody>
</table>

Price of above . . . . . 20 90 3.75

**Strawberries**

**BUBACH.** An old favorite. The plants are strong growers and the berries are of large size.

<table>
<thead>
<tr>
<th>100</th>
<th>250</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.25</td>
<td>$0.90</td>
<td>$3.25</td>
<td>$5.50</td>
</tr>
</tbody>
</table>

**CHESAPEAKE.** Widely planted because of its high value both for market and table.

<table>
<thead>
<tr>
<th>100</th>
<th>250</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.25</td>
<td>$0.90</td>
<td>$3.25</td>
<td>$5.50</td>
</tr>
</tbody>
</table>

**GANDY.** A very late variety of high value. The berries are large, keep well, and the vines bear tremendous crops.

<table>
<thead>
<tr>
<th>75</th>
<th>250</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.35</td>
<td>$1.00</td>
<td>$3.75</td>
<td>$5.75</td>
</tr>
</tbody>
</table>

**PROGRESSIVE.** Everbearing. Without doubt the greatest strawberry on the market. Bears fruit until November. Try it.

<table>
<thead>
<tr>
<th>100</th>
<th>250</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2.50</td>
<td>$4.50</td>
<td>$7.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**SUPERB.** Everbearing. A good companion for Progressive. Berries are extra large, handsome and delicious.

<table>
<thead>
<tr>
<th>100</th>
<th>250</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2.50</td>
<td>$4.50</td>
<td>$7.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

Montmorency Cherries are great, big fellows

**FREIGHT OR EXPRESS CHARGES MUST BE PAID BY PURCHASER**
Nitro-Fertile is an absolutely odorless plant-food, free from weed seeds and bulk waste, quick in action, widely used by professional florists and growers. It is excellent for house plants and the lawn, shrubbery, flower and vegetable garden can be fertilized throughout the growing season easily and pleasantly; successfully used to force growth. Contains 2% Nitrogen, 3% Phosphoric Acid and 3% Potash. To use, dilute with water in the following proportions: 1 tablespoonful to a gallon for potted plants; 2 tablespoonfuls to a gallon for shrubs, lawns or garden. Will keep indefinitely. Fertilizing with Nitro-Fertile is a simple and economical way of insuring a successful garden. One quart fertilizes 1,500 square feet. One gallon is sufficient for the average lawn and garden for the entire season.

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ PINT</td>
<td>$  35</td>
</tr>
<tr>
<td>1 PINT</td>
<td>$  60</td>
</tr>
<tr>
<td>1 QUART</td>
<td>$ 100</td>
</tr>
<tr>
<td>1 GALLON</td>
<td>$ 300</td>
</tr>
<tr>
<td>5-GALLON KEG</td>
<td>$14 00</td>
</tr>
</tbody>
</table>
GARDEN TOOLS AND REQUISITES

Standard Pots

| Size | 1 in. | 1 1/2 in. | 2 in. | 2 1/2 in. | 3 in. | 3 1/2 in. | 4 in. | 4 1/4 in. | 5 in. | 5 1/4 in. | 6 in. | 6 1/4 in. | 7 in. | 7 1/4 in. | 8 in. | 8 1/4 in. | 9 in. | 9 1/4 in. | 10 in. | 10 1/4 in. |
|------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|
| Price | $1.50 | $2.50 | $3.50 | $4.50 | $5.50 | $6.50 | $7.50 | $8.50 | $9.50 | $10.00 | $11.50 | $13.00 | $15.00 | $17.50 | $20.00 | $22.50 | $25.00 | $27.50 |

Bulb Pans

<table>
<thead>
<tr>
<th>Size</th>
<th>4 in.</th>
<th>5 in.</th>
<th>6 in.</th>
<th>7 in.</th>
<th>8 in.</th>
<th>9 in.</th>
<th>10 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>$1.50</td>
<td>$2.00</td>
<td>$2.50</td>
<td>$3.00</td>
<td>$3.50</td>
<td>$4.00</td>
<td>$4.50</td>
</tr>
</tbody>
</table>

Flower-Pot Saucers

<table>
<thead>
<tr>
<th>Size</th>
<th>4 in.</th>
<th>5 in.</th>
<th>6 in.</th>
<th>7 in.</th>
<th>8 in.</th>
<th>9 in.</th>
<th>10 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>$1.00</td>
<td>$1.25</td>
<td>$1.50</td>
<td>$1.75</td>
<td>$2.00</td>
<td>$2.25</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

The above prices are subject to discount of 15%—discount and prices subject to change without notice.

“ANCHOR BRAND” Cedar Plant Tubs

Made of Everlasting Virginia White Cedar

PONYL STAFF SUPPLIES

SHIPPING COOPS FOR POULTRY

For chickens, size 3 feet long, 2 feet wide, 1 foot high. $1.50 each. $13.00 per dozen.

Labels, Painted Wooden Pot

<table>
<thead>
<tr>
<th>Size</th>
<th>4-inch</th>
<th>5-inch</th>
<th>6-inch</th>
<th>8-inch</th>
<th>10-inch</th>
<th>12-inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>$1.50</td>
<td>$2.00</td>
<td>$3.50</td>
<td>$5.00</td>
<td>$6.50</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

Drinking Fountains

Keystone Grey Granite

<table>
<thead>
<tr>
<th>Size</th>
<th>1 quart</th>
<th>2 quart</th>
<th>1 gallon</th>
<th>2 gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price</td>
<td>$1.50</td>
<td>$2.00</td>
<td>$3.50</td>
<td>$5.00</td>
</tr>
</tbody>
</table>

Lawn Sprinklers

Peek 3-arm. $2.50

Cherry Seeder, Rodman’s

No. 3 $1.75 No. 4 $2.00

Glider Mills

The best and strongest mill made. Junior......$20.00 Lam.-it. See illustration. $16.00

Cider Mill

Horse or Power

Each......$13.00

Market Stall Horse or Power

Each......$15.00

Dandelion and Plants Puller

Long handle......$45.00

Dandelion Graters

Family size; all iron.$4.75

No. 3 foot tread.$28.00

Hose Nozzles, Gem Spray or Solid Stream. 50 cts.

Dandelion Puller

Hose Nozzles, Gem Spray or Solid Stream. 50 cts.
GARDEN TOOLS AND REQUISITES

Lawn Rollers, Roller Bearing Hand
A child can run them.

<table>
<thead>
<tr>
<th>No.</th>
<th>Diam.</th>
<th>In. Sections</th>
<th>Lbs. &amp; Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>501</td>
<td>15</td>
<td>15</td>
<td>2</td>
</tr>
<tr>
<td>502</td>
<td>15</td>
<td>22</td>
<td>3</td>
</tr>
<tr>
<td>503</td>
<td>20</td>
<td>20</td>
<td>2</td>
</tr>
<tr>
<td>504</td>
<td>20</td>
<td>24</td>
<td>3</td>
</tr>
<tr>
<td>505</td>
<td>30</td>
<td>20</td>
<td>2</td>
</tr>
<tr>
<td>506</td>
<td>30</td>
<td>24</td>
<td>3</td>
</tr>
<tr>
<td>511</td>
<td>24</td>
<td>30</td>
<td>2</td>
</tr>
</tbody>
</table>

F. O. B. Factory

Lawn Rollers, Water Ballast
With Counter-Balancing Weights

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>602B</td>
<td>15</td>
<td>1.55</td>
<td>$14.50</td>
</tr>
<tr>
<td>608B</td>
<td>24</td>
<td>1.50</td>
<td>$18.50</td>
</tr>
<tr>
<td>604B</td>
<td>24</td>
<td>2.00</td>
<td>$25.00</td>
</tr>
<tr>
<td>600B</td>
<td>24</td>
<td>2.50</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

Coldwell Lawn Mowers
Rajah High Wheel Ball Bearing
14-inch, 3-blade cylinder: $13.00
16-inch, 3-blade cylinder: $15.25
18-inch, 3-blade cylinder: $14.25
20-inch, 3-blade cylinder: $15.00

Suburban Ball Bearing
12-inch, 4 blades: $7.50
14-inch, 4 blades: $7.75
16-inch, 4 blades: $8.00
18-inch, 4 blades: $8.00

Putty Bulbs
For applying mastica and putty
Each: $0.69

Putty, Tweelmon's English
Gallon: $2.20
5 gallons: $7.50

Raffia
Colored, in all shades.
½ lb: $1.50
1 lb: $2.50
2 lbs: $4.25

For tying; natural color.
½ lb: $2.00
1 lb: $3.00
5 lbs: $15.00

Saws, Pruning
Duplex (double edge)
8-inch: $1.15
9-inch: $1.15

Pruning (single edge)
14, 16, 18, 20, and 24-inch 60 cts., 70 cts., 80 cts., $1.00, and $1.25.

Rakes
Automatic Self-Cleaning
22-tooth: 49 cts.
25-tooth: 59 cts.

Ole Olson Carved Oak
Does not tear grass: 37 cts.

Wooden
Ordinary: 25 cts.
Steel
12-tooth: 60 cts.
14-tooth: 65 cts.
16-tooth: 75 cts.

Silkline
For Stringing Smlmn.
Spool: 25
Lb: $1.50

Spading Forks
4 tines: 50 cts.
5 tines: $1.00
Each: Spades, Steel
Stakes
Heavy Ruger Dahlia
Painted green.
Dz: 100
3 feet: 75: $4.85
3½ feet: 80: $5.65
4 feet: $10.00
1½ feet: 15: $2.15
6 feet: 1½: $9.80

Wooden, Round Tapering
Painted green.
Dz: 100
3½ feet: 1½: $11.00
2½ feet: 2: $7.65
3½ feet: 3: $9.50
4 feet: $14.50
5 feet: $85.50

Round Dowels
Unpainted
Each: $1.00

Sprinkler, Rubber
Each: $1.10

Thermometers
Copper case: $1.00
Greenhouse, Tested
Register heat and cold.
Self-Registering: $3.00

Horbed, Mushroom: $1.00
Each: $0.35

Dairy, For testing milk:
Inculator: Tested: $9.00
Brooder: Tested: $49.00

Sheet Steel Trowels
41A

Twine, Jute
For tying:
25 cts.

"Norcross"
Three Sizes
Detachable Steel
Prongs, Malleable
Head, Extra
High-Grade Handles
"Midget" Weeder.
9-inch handle
No. 11
Each:
No. 33: 3-prong: 40 cts.
No. 50: 50 cts.
Prepaid: $1.00
No. 55: 5-prong: 40 cts.
Prepaid: $1.75
Each:
No. 75: 75 cts.
Prepaid: $2.50
Weights: 3 lbs. 2 ozs. 12 ozs.

Lang's (A), Eureka's (B), Excelsior (C)
Each: 30 cts.
35 cts.
10 cts.

PRICES ON ABOVE PAGE SUBJECT TO CHANGE WITHOUT NOTICE
**Auto Compressed-Air Sprayer No. 1**

This is without doubt the standard of all Compressed Air Sprayers. It consists of a 4-gallon reservoir, made of heavy material, either brass or galvanized steel as ordered. It is operated by working an air pump, with which air is compressed on top of the solution. A few strokes of the plunger will compress enough air to operate the machine several minutes, and two pumpings will discharge all of the contents. This Sprayer, is made of heavy material throughout, and the brass machine, which we strongly recommend, is practically indestructible, because it can not be affected by the various spray solutions. No other Sprayer will do such a variety of work, and do it so well. The cut shows the air chamber and reservoir, also auto-pop nozzle.

<table>
<thead>
<tr>
<th>Price</th>
<th>Brass tank, with auto-pop nozzle</th>
<th>Galvanized steel tank, with pop nozzle</th>
<th>Auto-pop nozzle, supplied separately</th>
<th>Brass extension rods, in 2-foot lengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>$9.75</td>
<td>7.50</td>
<td>1.75</td>
<td>65</td>
<td></td>
</tr>
</tbody>
</table>

**Trellises**

Wooden Fan Trellis

<table>
<thead>
<tr>
<th>Price</th>
<th>18-in.</th>
<th>24-in.</th>
<th>30-in.</th>
<th>36-in.</th>
<th>42-in.</th>
<th>48-in.</th>
<th>54-in.</th>
<th>60-in.</th>
<th>66-in.</th>
<th>72-in.</th>
<th>78-in.</th>
<th>84-in.</th>
<th>90-in.</th>
<th>96-in.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19</td>
<td>29</td>
<td>39</td>
<td>69</td>
<td>79</td>
<td>89</td>
<td>94</td>
<td>99</td>
<td>114</td>
<td>132</td>
<td>138</td>
<td>144</td>
<td>154</td>
<td>179</td>
</tr>
</tbody>
</table>

**HOLMES' STANDARD INOCULATING BACTERIA**

**HASTENS MATURITY**  
**INCREASES THE YIELD**  
**BUILDS UP THE LAND**  
**ENRICHES THE SOIL**  
**IMPROVES THE FEEDING VALUE**

**EASY TO APPLY—SIMPLY MOISTEN THE SEED BEFORE SOWING**

**FULL DIRECTIONS IN EVERY PACKAGE**

**PREPARED FOR**

<table>
<thead>
<tr>
<th>ALFALFA</th>
<th>SWEET CLOVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOY BEANS</td>
<td>RED CLOVER</td>
</tr>
<tr>
<td>COW PEAS</td>
<td>ALSIKE CLOVER</td>
</tr>
<tr>
<td>FIELD BEANS</td>
<td>CRIMSON CLOVER</td>
</tr>
<tr>
<td>NAVY BEANS</td>
<td>VETCH</td>
</tr>
<tr>
<td>CANADA PEAS</td>
<td>SWEET PEAS</td>
</tr>
<tr>
<td>GARDEN BEANS</td>
<td>GARDEN PEAS</td>
</tr>
<tr>
<td>AND ALL OTHER LEGUMES</td>
<td></td>
</tr>
</tbody>
</table>

**Special Mixture for all Garden Beans and Peas**

**PRICE**

<table>
<thead>
<tr>
<th>Garden size</th>
<th>40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acre size</td>
<td>75</td>
</tr>
<tr>
<td>Two acre size</td>
<td>$1 45</td>
</tr>
<tr>
<td>Four acre size</td>
<td>2 25</td>
</tr>
<tr>
<td>Six acre size</td>
<td>3 00</td>
</tr>
</tbody>
</table>

**By Mail, 5 cts. extra.**

**SPECIAL NOTICE**

When ordering state crop to be inoculated, as there is a different bacteria for each legume.

Applied direct to seed.

**DIRECTIONS IN EACH PACKAGE**

**INCREASE YOUR CROPS**

**THE WORLD NEEDS THE FOOD. INOCULATE**

**What the Experiment Stations say:**

**NEW JERSEY**

Bulletin 216, New Jersey Experiment Station states that inoculation produced an increased yield of 500% in Alfalfa, 75% on Beans, and that Lima Beans and Cow Peas more than doubled.

**SOUTH CAROLINA**

Bulletin No. 53, South Carolina Experiment Station says: "Inoculation is not a cure-all, but its proper use will lead the farmer farther forward in three years than it has been possible for him to go without it in a generation."

**LEGUMES CAN NOT ENRICH THE SOIL UNLESS BACTERIA DEVELOP THE NODULES**

"The peculiar value of legumes for maintaining and increasing the fertility of soils is due to certain bacteria which develop nodules upon the roots of leguminous plants and which have the unique power of rendering the free nitrogen of the atmosphere available for plant growth. Without these bacteria, legumes, like other crops, exhaust the soil of its combined nitrogen."—Ext. Farmer's Bulletin No. 315.
Auto-Spray No. 37C
Capacity one quart
Continuous Sprayer

Auto-Spray No. 22A

Non Clog Jr. SPECIAL FEATURES
Strength, simplicity and balanced construction, a nozzle which DOES NOT AND CANNOT CLOG and the ONLY CLOGPROOF NOZZLE on a compressed air sprayer, no matter what competitors claim.

Auto-Spray No. 20B, No. 20E
Auto-Pop No. 1
Automatic and entirely of brass.
Each $1.75

Holmes' O. K. Spray Pump
For Hot, Cold Or Any Kind of Mixture
Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat, Malleable Iron Handle

Auto-Spray No. 37C
Capacity about 1 quart.
Single-acting hand atomizers.
Made from good heavy material and in several styles.
Used as a cheaper machine for the same purposes as the Auto Spray No. 37.

Holmes' Double Acting Cog Gear Complete Spray Pump Outfit

Holmes' O. K. Spray Pump
For Hot, Cold or Any Kind of Mixture
Has Mechanical Agitator, Solid Brass Ram Plunger, Ground Bevel Valve and Seat, Malleable Iron Handle
Fig. 1512 with adjustable malleable base, with two heads of 12 foot 7-1/2, 12-1/3 inch hose and two Fembo (Fig. 1200) nozzles. (Without barrel). Price, each [Price]

Holmes' O. K. Spray Pump
With Malleable Iron Base
Complete with Skids and 15-Gallon Barrel

Holmes' Small Barrel Pump

Holmes' Handy Portable Sprayer

WITH COG GEAR SPRAY PUMP AND MECHANICAL AGITATOR

Holmes' Handy Portable Sprayer

Myers Bucket Spray Pumps are constructed entirely of brass. They are provided with a large air chamber, brass ball valves and detachable hose. Have patent jet agitator to keep spray solution thoroughly mixed and agitated and are fitted with malleable foot rest. Especially adapted for small orchards, shrubbery, whitewashing.

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Holmes' Hand Sprayer as made for general use as a handy outfit about the home.

The pump is our regular No. 318B, fitted with cog gear malleable iron handle and mechanical agitator. The pump is securely attached to the tank by means of a clamp connecting direct to the chamber iron that surrounds the top of the tank held in position by one thumb screw. The handle can be located at any point desired.

The pump is fitted complete with mechanical agitator, 15 feet of hose and an 8-foot pipe extension in two 4-foot parts, which adapts it for spraying large trees and also for use in whitewashing on the inside of low buildings.

The wheel is 10 inches in diameter.

Price List, represented by Fig. 1614
No. 318B. Myers Handy Portable Sprayer, complete as shown in illustration with Mechanical Agitator and Vermorel Nozzle.
Price $30.00
Three Good Little Cultivators to Push Along

PREMO SKABOO
A complete 5-shovel cultivator, with detachable double point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Compact and bundled. Weight 21 lbs.

$4.75

PREMO DEXTER CULTIVATOR
A most complete and desirable garden tool. Strong and durable. Wheel 18-in. by 1-in tire. Shipped in one bundle complete with three shovels, rake and wrench. Weight 20 lbs.

$4.00

PREMO CULTIVATOR
A perfectly balanced plow, as the weight is directly over the pivotal point. Handles are adjustable to suit operator. Open shovel shank permits any style shovel being used and any pitch desired. Wheels 24-inch. Packed in one bundle with three shovels, rake and wrench. Weight 21 lbs.

$3.75

No. 1 PREMO CULTIVATOR

The PULL-EASY Cultivators

These two Junior Cultivators are for women and children to use for preparing the soil and weeding in small gardens and flower beds. Four teeth unbreakable steel—instantly adjustable from 2 to 6 inches wide—no tools needed to adjust.

PEJ1, with ten-inch handle; weight one pound; price 60 cents.

PEJ4, with four-foot polished maple handle; weight 1½ pounds; price 75 cents.

ADJUSTABLE 2" TO 6" WIDE

Junior Cultivators

PEJ1, 10" handle
PEJ4, 4" handle

The lightest, most efficient wheel cultivator made. Two tools furnished—a spring steel weed slayer 9½ inches wide, and an adjustable nine-tooth cultivator, described below. Wheel 1 inch by 14 inches; weight 12 pounds; price $4.00 each.

This is the most popular Pull-Easy seller. Has a 4½-foot French polished handle, adjustable 7 inches to 18 inches wide—used as a rake or cultivator—nine teeth, unbreakable steel, 3 inches long, will mulch and weed perfectly. Weight 3 pounds. Price $1.50.
The publicity given to the importance of increased food supply and reducing the cost of living by personal effort has had one effect which will be beneficial and lasting; that is, that thousands of people are cultivating gardens this year who have never done so before; thousands of people, therefore, are making a large saving in their living expenses and find out, perhaps for the first time in their lives, what fresh peas, beans and corn taste like when they are right out of the garden. The labor of cultivating these gardens is made easy by the use of the modern seed drills and wheel hoes, as is shown by the fact that many of the most enthusiastic gardeners this year are women. A little sunburn and sore hands are the first effects of this garden cultivating, but this is soon succeeded by a sense of pride in achievement, and a toning up of the whole physical system through exercise.

**No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow**

**Price Complete, $18.75**

Weight, 20 lbs.

**No. 4D (As a Seeder only) $14.75**

Holds 3½ Quarts of Seed

This accurate, durable and easy-running tool sows all garden seeds from the smallest up to peas and beans in hills 4, 6, 8, 12 or 24 inches apart, or in drills at the proper thickness and density; rolling down and marking out the next row all at one stroke.

By removing the seeder parts and substituting the tool frame, you have a first-class single wheel hoe with a set of specially hardened steel wheels, the best made for hoeing, plowing, cultivating, opening furrows, hilling, etc.

**Price, $22.75**

Weight packed, 61 lbs.  Holds 2½ Quarts of Seed

**No. 12 Combined Double and Single Wheel Hoe, Cultivator and Plow**

**Price, $11.75**

Weight, 33 lbs.

A double and single wheel hoe in one, 14-inch steel wheels. Straddles crops till 20 inches high, then can be worked between rows with one or two wheels.

The hoes are wonderful weed killers and leave the ground almost level. The cultivator teeth are of improved design and admirable for deep work. The plows are invaluable for opening furrows for manure, etc.; for covering and for plowing to or from the crop.

**Price, $8.25**

Weight, 24 lbs.

These Single Wheel Hoes are the highest type of their class. They have a great variety of attachments which adapt them to a large variety of work, and there is scarcely any garden cultivation they will not do.

The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

**Price, $5.75**

Weight, 21 lbs.

This attractive implement is especially designed for the farmer's garden work, though it offers to everyone, with either field or garden, a cheap and effective tool for wheel-hoe operations. The high wheel makes easy running; the standard is slotted for depth regulation and an adjustable malleable piece carries any of the steels that go with the machine.

The New "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.
VICTORY BEANS
The finest stringless was bean grown.

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The earliest, darkest, blood-red beet grown.

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These will help win the war

These four grand novelties only 45 cents.
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The largest podded corn of delicious flavor.

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