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*Livingston's*  
*SEED ANNUAL*  
FOR 1912



ESTABLISHED 1850.

FAMOUS FOR TOMATOES.

THE LIVINGSTON SEED CO.,  
COLUMBUS, OHIO



# \$1 { Our Great One Dollar Collection } OF { \$1 "True Blue" Vegetable Seeds }

Every sort included represents the best of its class and many high-priced novelties of real merit make this collection doubly worth while.

The demand for this collection started years ago when we would get orders from people for a dollar's worth of vegetable seeds—the best we could do. Many are not familiar with the merits of the different sorts offered in this catalog and for those we got up this collection the best we knew how.

From time to time we have changed it. Obsolete sorts were dropped, new varieties of better character added and we firmly believe that a better collection than ours cannot be bought at as cheap a price anywhere in this country.

At the same time its price is the only cheap thing about it. Full-sized packets, such as we supply to the most critical trade on regular orders go into the collection. Eight of the sorts named below retail for 10 cents each. The remaining 24 packets you buy for 20 cents in this collection. For good measure we throw in an ounce of either Nasturtiums or Sweet Pea Seeds and the whole comes to you by mail delivered free at your door.

The reason why we sell this collection at such a low price is twofold: We can put up the boxes before the spring rush starts, get thousands of them ready so that, when the order comes, all that needs be done is to wrap the box, affix postage stamps and out it goes—always the same day we get the order. This popular priced collection also gives new customers an opportunity to try a large assortment of "true blue" seeds at a moderate cost. Our margin of profit on this collection is smaller than on anything else we sell; yet we consider each collection sold a good investment which, in time, will bring us increased business.

Please do not ask us for any discount in connection with an order for our Dollar Collection and any special offers in this catalog do not apply to or cannot be taken advantage of in connection with it. No changes can be allowed. Here is what One Dollar will buy:

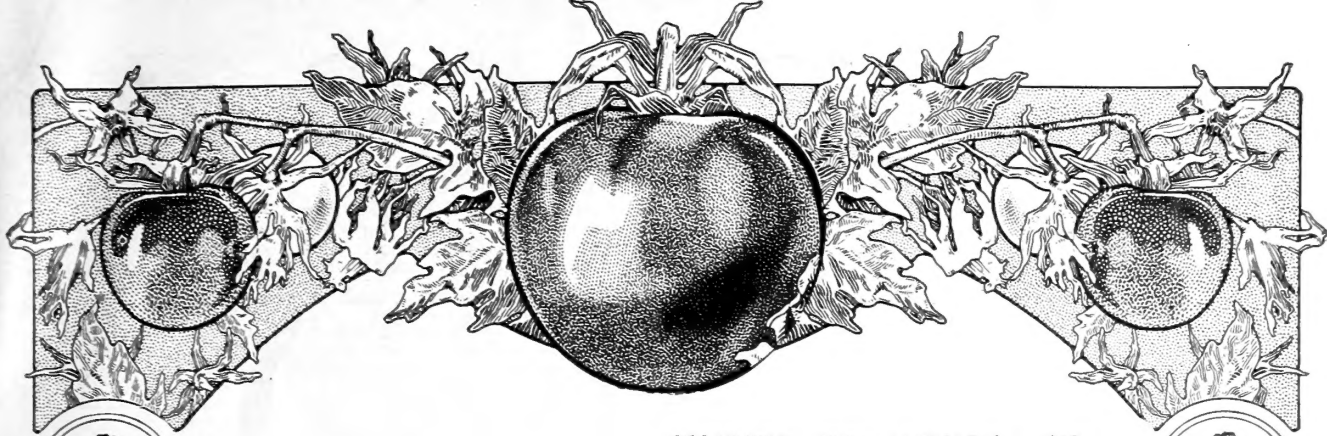


## 32---Full-Sized Packets as follows for Only One Dollar---32

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1 Beans—Dwarf, New Giant Stringless Green-Pod.</li> <li>2 Beans—Dwarf, Livingston's New Pencil Pod Wax.</li> <li>3 Beet—Crosby's Egyptian. Very early and very good.</li> <li>4 Beet—Detroit Dark Red. Early, smooth, round, sweet.</li> <li>5 Cabbage—Glorio of Enkhousen. One of best for early use.</li> <li>6 Cabbage—Livingston's Ideal. The best winter variety.</li> <li>7 Celery—Livingston's Snowwhite. Early; good flavor.</li> <li>8 Cucumber—New Cumberland. A splendid pickler.</li> <li>9 Cucumber—Livingston's White-Spine. Best slicer.</li> <li>10 Sweet Corn—Livingston's Evergreen. Sweetest of all.</li> <li>11 Sweet Corn—Extra-Early Premo. Very early and sweet.</li> <li>12 Lettuce—Big Boston. Tender. Large headed sort.</li> <li>13 Lettuce—Grand Rapids. Best curled lettuce.</li> <li>14 Lettuce—Iceberg. Finest, crispest, coolest. Tender.</li> <li>15 Watermelon—Sweet-Heart. Quality very delicious.</li> <li>16 Musk Melon—Rocky Ford. Green flesh. Very sweet.</li> </ol> | <ol style="list-style-type: none"> <li>17 Musk Melon—Tip Top. Salmon flesh; delicious.</li> <li>18 Onion—Onio Yellow Globe. Best for general crop.</li> <li>19 Onion—Indiana Silver-Skin. Fine; flat; good keeper.</li> <li>20 Pepper—Ruby King. Large, sweet and prolific.</li> <li>21 Parsnip—Hollow Crown. Large and extra sweet.</li> <li>22 Parsley—Moss Curled. Very fine green variety.</li> <li>23 Peas—Prolific Early Market. Extra early and good.</li> <li>24 Peas—McLean's Advancer. Early and sweet.</li> <li>25 Radish—Cincinnati Market. Great favorite for early.</li> <li>26 Radish—Scarlet Globe. Fine, olive-shaped; bright red.</li> <li>27 Radish—White Lady Finger. Tender; summer sort.</li> <li>28 Squash—Giant Golden Summer Crookneck. Best summer.</li> <li>29 Squash—Hubbard. Fine for winter use.</li> <li>30 Tomato—Livingston's Perfection. Fine red variety.</li> <li>31 Tomato—Livingston's Globe. No better purple sort.</li> <li>32 Turnip—Purple-Top White Globe. One of the best.</li> </ol> |
|---|---|

**Free** With each order for OUR GREAT DOLLAR VEGETABLE COLLECTION the buyer may select one ounce of either Livingston's Special Mixture of Sweet Peas, or Livingston's Top Notch Mixture of Tall Nasturtiums. With each collection we enclose a helpful pamphlet of cultural directions—The Vegetable Garden.





COLUMBUS, OHIO, JANUARY 1, 1912.

## To Our Friends, Our Customers:—

**T**HE two most important factors essential to pleasant relations between seed buyer and seed dealer are Seeds of Quality and Efficient Service. Seeds of Quality are scarce—more so this year than ever before for reasons given on page two under “crop-shortages.” The most fortunate seedsmen these years are those who grow many crops themselves and among them, we maintain an enviable position. Nearly four hundred acres of our own and many hundred acres in our immediate neighborhood are planted to crops grown especially for us from our selected stockseeds. We are in a fortunate position therefore to serve you well with seeds of quality at as reasonable prices as the cost of production warrants.

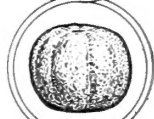
Efficient service embodies promptness in filling the orders, reliability of the men who fill them, dependability of the seeds supplied and various other factors of almost equal importance. Our location enables us to reach the biggest portion of American seed users within twenty-four hours after we get their orders. With a roomy warehouse and a competent force of clerks to do things right, we have been able to ship all orders during the past few years the day after they reached us. Our constant efforts are toward so perfecting our system that we can fill every order, large or small, in the minimum time.

As to the dependability of the seeds we supply—the term “true blue” stands high in the esteem of critical planters throughout this country. Years of experience and observation back up every step taken to procure seeds of the highest quality. “True Blue” Seeds will satisfy the customer and produce, under correct conditions, the desired crops. If things are not entirely satisfactory in spite of all precaution, please let us know. We make every effort to help customers over difficulties, in a manner agreeable to all concerned.

Cordially yours,

*The Livingston Seed Co*

Recibimos cartas en español y portugués; contestamos en español ó francés.  
Deutsche Correspondenz.—Correspondance française.



# Catalog of True Blue Seeds

## Important Suggestions

By carefully observing the following Rules and Directions, mistakes and misunderstandings will be very largely avoided.

**Columbus, Ohio**, is a city of about 200,000 inhabitants, centrally located geographically, has 17 Railroad Systems, which practically cover the entire country, 5 Express Companies, Telegraph and Telephone wires in all directions, which afford us **unequaled facilities** for receiving orders, shipping and procuring lowest rates to all parts of the country; besides you have the assurance of getting your order in the **quickest possible time**.

**Within Twenty-four Hours' Time we can reach two-thirds of the Population of the United States.**

**Always Use the Order Blank** and envelope sent with this Catalogue when possible. Write plainly, keep a copy of your order, and be sure to sign your name, Post-office, County, and State every time you write to us. Extra Envelopes and Order Blanks will be sent on application, also additional Catalogues, if desired.

**Send Money. Remittance should always accompany the order.** Remittances may be made at our risk by any of the following methods: (1st and best)—**Post-Office Order**; (2d)—**Draft on New York**; (3d)—**Express Co. Money Order**; (4th)—**Cash by Express in amounts not less than \$5.00**; (5th)—**Registered Letters.** When money cannot be sent by either of the first four methods, it may be enclosed in a Registered Letter. The rates charged for Post-office Orders and Express Money Orders are so low that this is the best way to remit where they can be obtained. We will bear expense of sending money in either of above ways when order amounts to \$1.00 or over.

**No Goods Sent C. O. D.** Unless cash to the amount of one-fourth the order accompanies the same.

**Seeds by Mail.** Sending seeds by mail is a very important branch of our business, and we are prepared to fill orders promptly and correctly the day they are received in nearly all cases.

**Our Prices.** In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn by the quart and the pint, and other seeds by the pound and one-fourth pound, bear in mind that we pay the postage, unless otherwise noted. Remember another thing—packets of heavy seeds, like Peas, Beans, etc., quoted by some seedsmen at 5 cents per packet, postpaid, contain but a small amount of seed, after allowing for the 2 or 3 cents postage that it requires to mail each packet. Preferring to please customers rather than disappoint them we put up liberal 10c packets of such seeds.

**Order Early.** It is important to order as soon after you get the Catalogue as convenient, then you will have your seeds at hand for planting when you want them; besides if you want seeds in large quantities, they can be sent by freight much cheaper than by express. **Small orders, however, can often go as cheaply by express.**

**Shipping Orders.** When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment.

**Large Orders.** Any Dealer, Market-Gardener, Institution or any Individual, wishing seeds in large quantities, is requested to mail us a list of what they want and we will promptly return it to you with the very lowest prices marked. **A letter of inquiry may save you dollars** if you want to buy in quantity.

**Small Orders.** If you only want a single packet, do not hesitate to order it. We take as much pains with small orders as with large ones. Small orders for "True Blue" Seeds are sure to grow larger.

**Be Free to Write Us** for any information pertaining to our business, and not found in this Catalogue, on a separate sheet of paper from your order, as your letter goes to the general office and your order to the Mail, Express, or other departments.

**We Urge Customers** to inform us promptly on the arrival of orders if anything proves otherwise than expected. We aim to **make friends of our customers**, and mail orders receive the same careful attention that customers do over our counters, but we are only human, and errors sometimes (though not often) occur. When they do we are willing and anxious to rectify them.

**If you have Rural Mail Delivery be sure to give the Number and Box of your Route, if necessary, when ordering.**

**Guarantee.** Complaints made that seeds are not good, should quite as often be attributed to other causes, as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. Soil preparation for the reception of seed is very important; if not properly done seed with very high germination is bound to perish. For all these reasons it is impossible to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, 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. **We test all our seeds before sending them to our customers**, and should they fail to grow, if promptly and properly tested by the customer, will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you cannot buy better stocks of any other seedsmen.

## Crop-Shortages and High Prices

For a number of years, seed crop conditions both in Europe and in this country have been discouragingly unfavorable. Mild, open winters followed by severe cold weather toward spring were very detrimental to Cabbages, Carrots, Celery, Radishes, Beets and many other crops requiring two years for seed production. What unfavorable winters did not destroy, was injured by floods or prolonged drouths. With these conditions prevailing in a greater or lesser degree for 3 continuous years now, it is small wonder that seed growers are becoming discouraged and ask higher prices on account of the risks incurred. Still, while we have gladly met the higher prices, we have not been able to secure all the seeds we need. With deliveries ranging from 5 to 25% of the amount originally contracted for of many leading varieties of vegetables, it is not a question of price, but rather one of supply. There will not be half enough seed of many important vegetables to supply a normal demand and, as we are exceedingly reluctant to buy seeds in the open market, after our regular contract stocks are exhausted, we advise early orders from all who want "True Blue" Seeds.

## Our Premium Offer for 1912

**Premium Seeds** For Seeds ordered in Packets and Ounces. Below we offer 6 Superb New and Rare Varieties, which we will send free with orders for seeds as follows: With an order for Vegetable or Flower Seeds in packets or ounces amounting to 50 cents, you may select 15 cents worth of these premium seeds. With an order for Seeds in packets or ounces amounting to \$1.00, you may select 30 cents worth of premium seeds. With an order for Seeds in packets or ounces amounting to \$2.00, you may select 65 cents worth of premium seeds.

### Three Fine New Vegetables and Three Superb New Flowers

**Beet, Dark Leaf Globe**—A very meritorious new sort, with uniformly dark foliage. Roots are of distinct globe shape, have unusually attractive, smooth dark skin and are of splendid table qualities. **Pkt., 5c.**

**Mustard, Fordhook Fancy**—Mustard is becoming more popular every year as an excellent substitute for spinach during the hot summer months. This new type is especially noticeable on account of its thick and beautifully curled, dark green, tender leaves. **Pkt., 5c.**

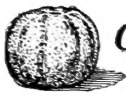
**Radish, Old-Fashioned Purple**—A splendid companion to White Vienna. This summer radish is very showy when displayed on the market table on account of the prominent purple neck which fades to a faint roes tint toward center of radish. Tip of root pure white. **Pkt., 5c.**

**Poppy, Double Feathered, Mixed**—A magnificent class of double-fringed annual poppies with extra large flowers of ball shape. Petals are fringed and lacinated in most artistic fashion. Plants are compact and very free-flowering. **Pkt., 10c.**

**Calandrinia grandiflora**—A compact growing, bushy annual, very partial to sunny situations. Plants have fleshy leaves and send forth beautiful umbels of large, rose-colored flowers which present a perfect blaze of beauty when properly developed. **Pkt., 10c.**

**Bryonopsis laciniosa**—A beautiful annual climber of the gourd family. Plants have ivy-like, pale-green foliage and bear showy fruits, first green, striped white, becoming bright scarlet, striped white when ripe. Climbs 10 to 20 feet. **Pkt., 5c.**

**Important Notice** These premium seeds are sent ONLY with orders for seeds IN PACKETS AND OUNCES. When figuring the amount on which you are entitled to premiums, you must not include seeds offered by weight (½ lb.; lb.; etc.), or measure (pint, quart, etc.), nor Potatoes, Onion Sets, Bulbs or Plants, nor Special Bargain Offers or Collections. **ALSO be sure and ask for your Premium Seeds when you send us your Order; otherwise they cannot be sent.**



Grown and Sold by

The Livingston Seed Co. Columbus Ohio



Earliest Catawba.

## Novelties and Specialties for 1912

The world is progressing. Scores of new things are brought to the attention of the public every year—some meritorious, others of doubtful value. We have always made it a point to experiment for our customers instead of letting the customer do the experimenting for us. We eliminate novelties of doubtful value and offer to users of "True Blue" Seeds only such things that prove with us to be decided advances over old sorts or distinct novelties of great merit.

We call your attention to the specialties listed on the following 12 pages. All these sorts possess valuable characteristics. Everything we offer is gilt edged, most of it grown on our own farms. Include some of these specialties in your order. We know you will not be disappointed.

### Two Grand New Bush Beans 48 Keeney's Stringless Refugee GREEN PODDED

(See illustration above)

Planters everywhere will at once recognize the wonderful merit of this new Bean when it is stated that in addition to the superior qualities of the old Refugee or 1000 to 1, this new sort is absolutely stringless. It has every quality desirable in a bush bean—true bush habit, 18 inches high, unusually productive. The pods are round, very handsome, and average over 5 inches in length. They are fleshy, tender, brittle and entirely free from strings at all stages of growth. This splendid bean is sure to become very popular with gardeners and canners, and will, we believe, completely displace the old Refugee as soon as enough seed stock can be produced. Sold only under our "True Blue" Seal. **Pkt., 15c.; ½ pt., 20c.; pt., 30c.; qt., 50c., postpaid. By express, not prepaid, qt., 35c.; 4 qts., \$1.10; pk., \$2.00.**

### 25 New "Sure Crop" Stringless Wax Bean

(See illustration of pods to right)

One of the most valuable new sorts evolved in recent years. We predict that in a short time it will completely replace Currie's Rust Proof Wax, over which it is a decided improvement.

Plants are very thrifty and hardy. Thick, leathery leaves resist blight admirably and help this sort to stand a remarkable amount of dry weather. Sure Crop Stringless Wax is the bean "par excellence" for dry sections. Pods average 6 inches long, are flat but thick and fleshy and entirely stringless. As a free and continuous producer of handsome, light yellow pods of finest quality, Sure Crop Stringless Wax will prove a welcome addition to this type of beans. **Pkt., 15c.; ½ pt., 20c.; pt., 35c.; qt., 60c., postpaid. By express, 4 qts., \$1.50; pk., \$2.75.**

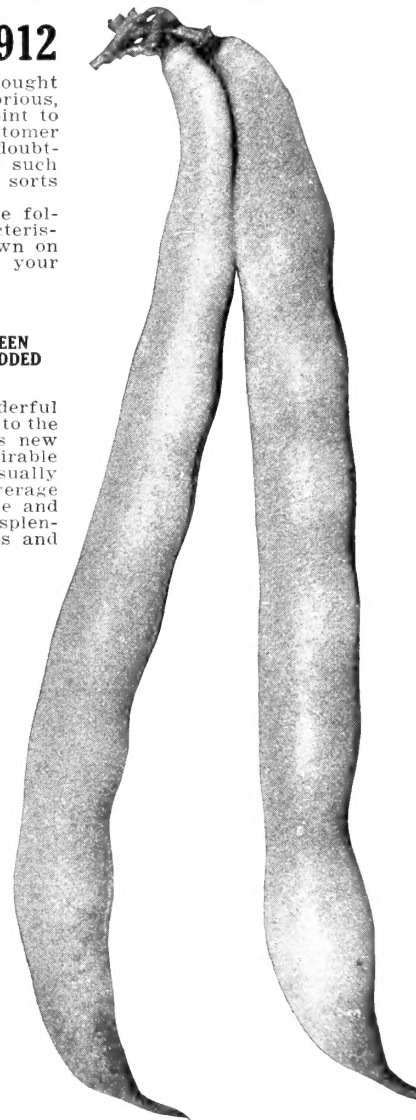
### A Fine, Distinct New Sweet Corn 243 Earliest Catawba

An extremely early new sort which produces ears ready for the table in 70 days from sowing.

**Earliest Catawba** is of distinct appearance. The entire plant is heavily shaded with dark red. When ready for use, the ears are closely set with pearly white grains which are tinted with rose-pink. In the dry stage the kernels take that dark, rich purple color so characteristic of the Catawba grape—hence the name.

**Earliest Catawba** is of delicious flavor. Ears average 7 inches in length and contain 8 rows of broad kernels of fine flavor. Cobs small and white.

**Price** **Pkt., 10c.; ½ pt., 20c.; pt., 35c.; qt., 60c., postpaid. By express, ½ pt., 15c.; pt., 30c.; qt., 45c.; 4 qts., \$1.50; pk., \$2.75.**



"Sure Crop" Stringless Wax Bean.



# Catalog of "True Blue" Seeds

## New Sweet Corn 250 Livingston's Early Sugar

(Introduced by Us in 1911)

A distinct new and valuable sort evolved by us during five years of painstaking selection. It will prove a boon to market-gardeners who should plant it liberally as soon as prices warrant doing so.

Throughout its development we inspected the field of our grower, who has taken care of this corn for us the past three seasons on his farm which adjoins one of our Kirkersville farms. At all times we were highly pleased with the looks of the field. Many weeks of severe dry weather had no effect on Livingston's Early Sugar. In midsummer the stalks looked as fresh and green as early in the Spring, the heavy, healthy foliage showed no bad effect of the drouth. Stalks averaged six feet tall and plants were free from suckers, which we think, is responsible for their exceptionally sturdy growth. It is the strongest growing early variety of Sweet Corn we know.

**A Grand  
Dry Weather  
Corn**

**Productive  
of Grand  
Ears**

For productiveness and uniformity of product Livingston's Early Sugar is hard to beat. Where 2 stalks stood to a hill, 60 per cent of the stalks produced 2 handsome large ears. On hills with 3 or more plants we counted from 5 to 7 ears of faultless shape, well-filled to tip.

**Resists  
Insects  
Well**

Ears are set well up the stalk, from 20 to 30 inches above base of plant. They are well protected by a strong husk which prevents worms and insects from doing harm. While inspecting Livingston's Early Sugar, we also looked over fields of Golden Bantam, Peep o' Day, Premo, Kendel's Giant, and a number of other early varieties. All were more or less bothered by worms, while we did not find a single one in the field of Livingston's Early Sugar.

**Beautiful  
Sort of  
Fine Flavor**

Our illustration herewith shows ear in the natural average size. Ten to twelve rows of broad and deep sweet kernels on pure white cob. Each ear a beauty of fine flavor, with very few imperfect grains. We give herewith the opinions of three practical men and farmers who have either grown the corn or tried it upon our recommendation. They all sound very much alike. Yet, every man wrote his letter absolutely independent of the others' opinion.

### Our Grower Writes:

"I have grown Livingston's Early Sugar Corn for three years and find it by far the largest and best extra early sort in cultivation. The stalk is large and strong and without suckers. The ears are of large size and grow well up the stalks. The table quality is the very best."

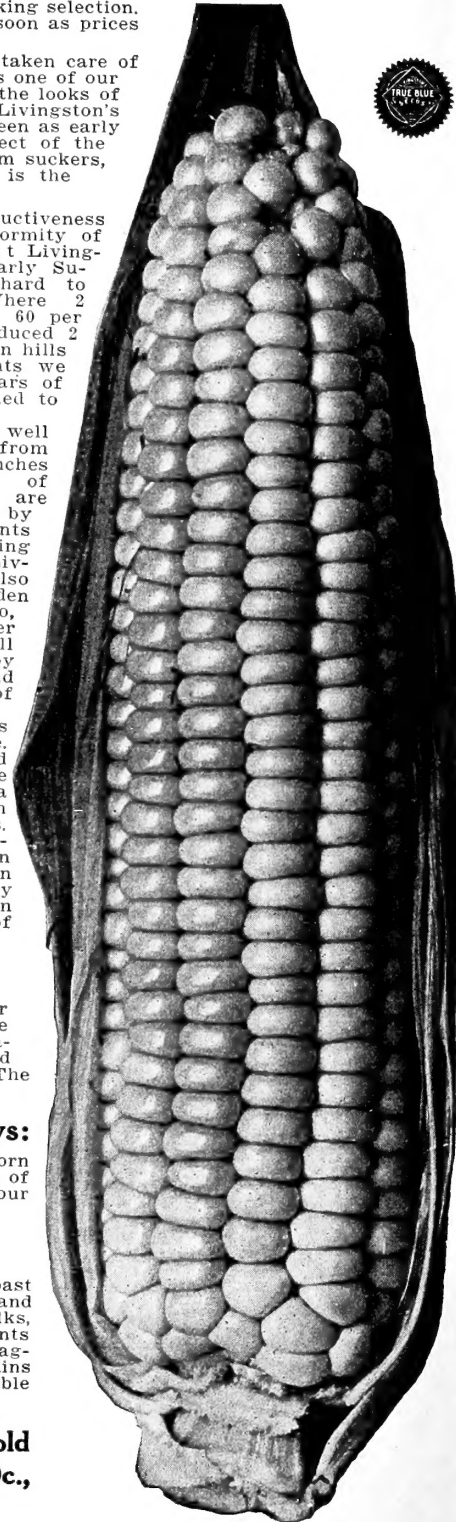
### One of Our Neighbors, a Critical Market Gardener, says:

"I have examined Livingston's Early Sugar in all its stages as a market corn and consider it one of the new things market-gardeners will seek regardless of cost. Its eating quality is superior to any early Sweet Corn we ever had on our table."

### Our Farm Superintendent Reports:

"Livingston's Early Sugar Corn has been grown under my supervision the past three seasons. Compared with other well-known sorts it proves very distinct and meritorious. It deserves to be classed among the first earlies. Has good stalks, free from suckers. Ears are set 24 to 30 inches above the ground on short joints which make pulling easy. Sixty per cent. of stalks produce 2 good ears, averaging 7 inches long, 2½ inches in diameter with 12 to 14 rows of deep, broad grains on white cob. In fair season, Livingston's Early Sugar will be ready for table use in 60 days from date of planting."

**Be sure to give Livingston's Early Sugar a thorough trial. Sold only under our "True Blue" Seal. Pkt., 15c.; pt., 30c., qt., 50c., postpaid. By express, qt., 35c., 4 qts., \$1.25; pk., \$2.25.**





## Three Fine, New Vegetables from Denmark

The cool, moist climate of Denmark produces the finest Brussel Sprouts, Cabbage and Cauliflower Seeds in the world. When we learned from one of the best growers of that country, therefore, that he had succeeded in developing a very fine sort of Brussel Sprouts and a distinct new variety of Red Cabbage, we immediately procured seeds for those among our customers who are anxious to try **the Best. Seed Supply Limited.**

### New Brussel Sprouts

#### 132 Pride of Denmark

(Illustrated on page 26)

The robust plants average 3 feet in height. Sprouts are tightly folded and literally cover the stalks from top to bottom. As they develop all the way up the stalk at the same time, a large crop may be gathered at one picking. Sprouts formed at base of stalk are as marketable and as fine in quality as those further up. This is an important feature, as there is no waste and hardly any "trimming" is required to prepare sprouts for the market.

Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 35c.; 1 lb., \$1.00, postpaid.

### New Cabbage

#### 140 Copenhagen Market or Danish Summer Ballhead

(See illustration of typical field below)

A splendid new extra-early round-headed sort which matures as early as the Wakefields and is of much larger size. Grown in our trial grounds last season alongside of all other early sorts we list, it was ready for cutting a week sooner than any of them. Each plant formed a perfect, tightly-folded head, averaging five to eight pounds in weight and about eight inches in diameter each way. The compact growth of the plant, the solidity of the head, its excellent flavor and extreme earliness—all combine to make Copenhagen Market one of the most meritorious cabbages that have come to our notice in a decade. We pronounce it, without reserve, the finest and earliest round-headed sort in cultivation today.

Pkt., 10c.;  $\frac{1}{2}$  oz., 30c.; oz., 50c.; 1 lb., \$1.75, postpaid.



Red  
Cabbage,  
Danish  
Ironball.

### Fine New Red Cabbage

#### 172 Danish Ironball

As round as a ball and as hard as iron—those are the two leading characteristics of this elegant new sort. Incidentally, the heads grow to very large size which fact makes "Ironball" a most profitable sort for market.

Heads formed average 8 inches in diameter. They are very solid, of rich deep purplish color throughout, showing only a small portion of white on the mid-ribs. For making slaws or salads, this new red cabbage is unsurpassed.

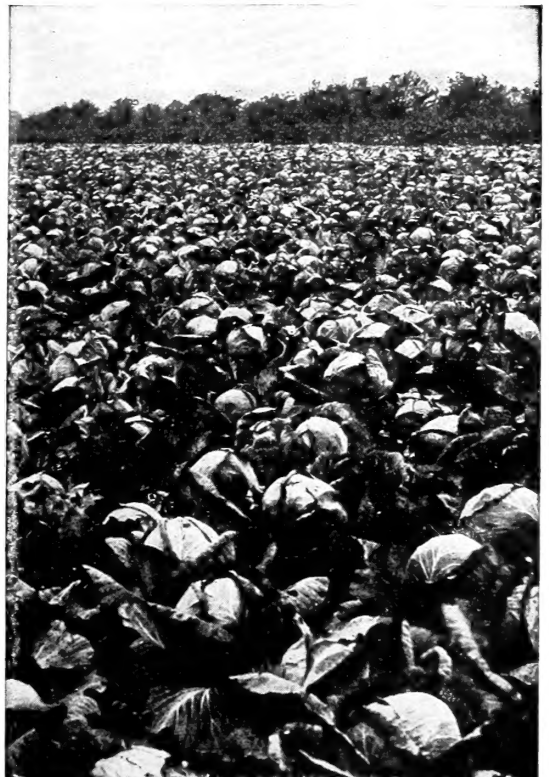
Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.; oz., 45c.; 1 lb., \$1.25.

### Superb New Early Wrinkled Pea

#### 659 Little Marvel

Fully as early as American Wonder, more prolific than Nott's Excelsior, and as Sweet as Premium Gem—that was the report on this excellent new Pea from our foreman of the trial grounds. Little Marvel grows about fifteen inches high, produces a heavy crop of fine deep green pods which are filled with five to seven large peas of excellent flavor. Vines are usually loaded with pods which are frequently borne in pairs. We predict that "Little Marvel" will in time take the place of both Nott's Excelsior and Premium Gem, popular as these two sorts are at present.

Pkt., 15c.;  $\frac{1}{2}$  pt., 20c.; pt., 35c.; qt., 60c.  
By express—Pt., 25c.; qt., 45c.; 4 qts., \$1.65; pk., \$3.00.



Copenhagen Market Cabbage.



Little Marvel Peas.

# Catalog of "True Blue" Seeds



White Delicious Radish.

## Swiss Chard or Spinach Beet 106 Lucullus

(See illustration of a typical plant on page 25)

This splendid new vegetable affords the unique chance of producing two distinct dishes by growing one vegetable. The plants grow from 2 to 2½ feet tall and consist, when fully developed, of about a dozen creamy white, attractively curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long. **Take the leafy portion of the plant and cook it like Spinach. Prepare the stalks as you would Asparagus.** Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.

## Garden Huckleberry

A New Fruit for Cooking and Making Pies

Bushes 4 feet tall and of strongly upright, but spreading growth bear the lustrous black berries in greatest profusion. The garden huckleberry belongs to the same class botanically as the tomato and plants are raised and cultivated like it. Berries average ¾ inch in diameter and are borne in clusters. For jams, pies, etc., they are unexcelled. They require more sugar, however, than most fruits on account of their great acidity. Not eatable raw. Garden Huckleberries do best on rich, well-prepared ground. Set plants 4 feet apart each way. 375. Pkt., 10c.; ½ oz., 25c.

New Summer Radish from Germany

## 854 White Delicious

(See illustration above)

Offered to our customers among premium seeds for the first time last season, this elegant new sort has proven a decided acquisition. Roots are of distinct half long form, tapering to a point. They grow to good

size, are of handsome appearance, and the pure white flesh is of elegant, mild flavor until the radishes become unfit for use. Compared with other white Summer sorts, White Delicious averages thicker, is more solid and of milder flavor. It does not grow as quickly as White Vienna, but is in good condition much longer. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.



Garden Huckleberry.

## 448 Livingston's Ohio Sugar Melon

The Sweetest Melon in Cultivation—Handsome, of Distinct Shape—A Green-Fleshed Tip-Top

(See illustration in colors on page 9)

For a number of years we have had many inquiries from our gardening friends for a green-fleshed melon with the uniformly good qualities of Livingston's Tip Top (the best yellow-fleshed melon ever sent out). There are plenty of green-fleshed melons on the market, but only a small per cent will run sweet and good. So we set to work some eight years ago and succeeded in producing Ohio Sugar, which has caused considerable comment. It has every desirable quality of the Tip Top, but with a green flesh. Many who have tested it pronounce it even sweeter than the Tip Top.

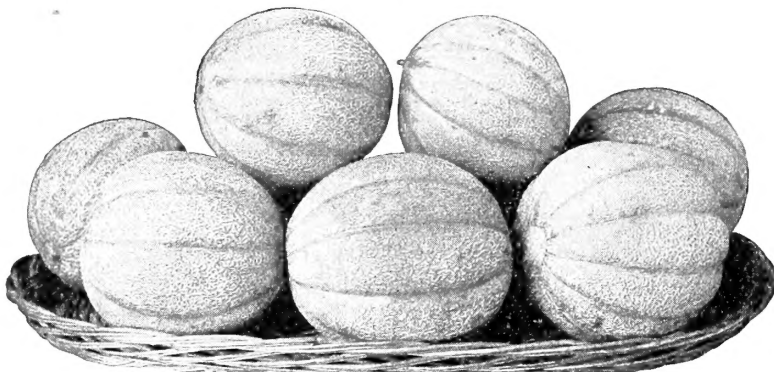
Fred O. Wise, Belmont Co., O., writes as follows: "You do an injustice to Livingston's Ohio Sugar Melon in saying that it is a green-fleshed 'Tip Top.' With me it was larger, more vigorous in growth, more productive."

Mr. T. L. Cloud, of Goodman, McDonald Co., Md., writes as follows: "In regard to your Ohio Sugar Melon, I beg to say that the ones I grew last season from your seed were the finest I have ever eaten."

Livingston's Ohio Sugar is the result of careful hybridizing and painstaking selection and breeding. We believe it to be absolutely the sweetest and most luscious green-fleshed Cantaloupe now on the market. It is of that desirable size in demand in all markets; round, inclined to oval in shape, heavy in proportion to size because the flesh is so deep. Distinctly ribbed and thickly netted; color of skin grey-green. Because of its firm flesh and solidity, we believe it will make a splendid shipper. Seed cavity small. The flesh is an exquisite texture, sugary, juicy, tender and entirely free from any stringiness. It has a delightfully rich aromatic flavor. The vines are of luxuriant and vigorous growth, yielding bountifully.

Livingston's Ohio Sugar Melon Seed is all of our own growing, and has been saved from carefully-selected specimens.

PRICE—Under our True Blue Seal—Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.25.







Field of Livingston's Ohio Yellow Globe, Grown for Seed on Our Kirkersville Farms.

## Livingston's Selected Private Strains of the Best American Onions

Fertile land, thorough knowledge and untiring efforts have helped us to develop the most perfect strains of Onions in this country. The seeds grown by us produce bulbs of typical shape, color and size, and the strains have been bred with the end in view to get all the most desirable characteristics of each sort in an intensified degree. Our Onion Seed is raised from hand selected bulbs. This rigid selection insures perfect Onions, true to type, with clear, brilliant skin, small neck and bottom, perfect shape—handsome, plump and solid.

In addition to the above desirable points, we have also striven in perfecting our various strains to develop the good keeping, large yielding qualities so essential to a profitable onion. For purity, vitality and reliability, Livingston's Onion Seed cannot be excelled.

### 560 Livingston's Extra-Select Ohio Yellow Globe

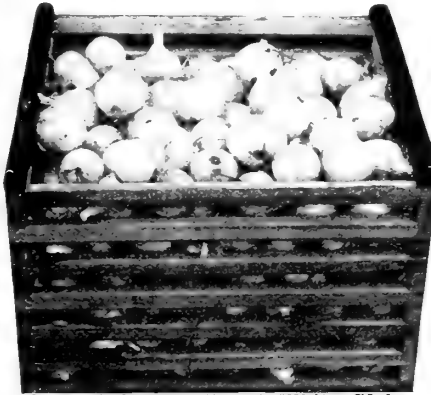
(See illustrations)

Generally admitted by seedsmen and onion growers everywhere to be the most desirable strain of **perfect type of Globe-shaped Onions** in existence. We name it "Ohio Yellow Globe" Onion to designate it from the many strains of Globe Danvers Onion now being offered, and we consider it to be the most valuable Yellow Globe Onion for all markets in this country. Besides, to Ohio growers belongs the honor of producing, by many years of painstaking care, selection and cultivation, this, the finest strain of that extreme type of Globe now so eagerly sought after by all the best growers, and so deservedly popular in all large onion markets. Its main points of excellence are: **Distinct and attractive shape; handsome, bright, even color; ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality; enormous yielders—800 bushels (standard weight) per acre are frequently grown on rich onion land. Superb onion for all classes of soil (well enriched), good for all our mucklands.** Pkt., 5c.; oz., 20c.; 1 lb., 60c.; lb., \$2.00.

### 566 Livingston's Select Yellow Globe Danvers

(Illustrated in Crates on page 48)

In many parts of the country the Danvers Yellow Globe is the favorite, especially in the vicinity of Boston, and if first-class seed, such as we offer, was always furnished by dealers, this sort would be liked everywhere. Our choice seed produces the true globe-shaped Danvers. Unlike California-grown seed, which runs to flat, our select strain produces the largest possible crops of hard, symmetrical bulbs. The true Buxton type (the Yellow Globe Danvers Onion was originated and perfected by Daniel Buxton, in a little town a few miles from Boston, Mass.), is large in size, an early and abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top, with small neck and brownish yellow skin. Seed from this type is more sure to bottom well than when grown from onions having too much depth of bulb, or globe-shaped. These tend to stray into thick necks or scullions. We know the seed we offer is right. Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.



Type of Our Southport White Globe.



Specimen Bulbs Ohio Yellow Globe Onion.

# Catalog of "True Blue" Seeds



Southport White Globe.

Southport Red Globe.

Southport Yellow Globe.

## The True Southport Globe Onions

Southport, Conn., has for many years been famous for the extra-choice Onions which are shipped from there to the principal Eastern markets. Many years of careful selection have brought them up to a high standard of perfection. Productiveness, uniform size and good-keeping qualities are bred into them, and that the public appreciate a high-class article is shown by the fancy prices which these Onions bring. With us they are at the zenith of perfection. Our bulbs are all hand-sorted, symmetrical specimens, and only such bulbs will produce seed good enough for our critical trade.

### 580 Southport White Globe

(See illustration of crate on page 7)

The handsomest Onion grown. Of beautiful silvery-white color, perfectly globe-shaped, uniform in size, averaging 2½ inches in diameter. Flesh firm, fine-grained and of mild, pleasant flavor.

**Southport White Globe** as grown in the rich, black, muck soil of our Kirkersville farm comes as beautiful and true to type as we have ever seen it in our thirty years of observation. Most of the bulbs are 3 inches in diameter, of true globe type, solid and with very small neck. We grew a large acreage of bulbs last year, but unfortunately, bulbs did not winter over any too well. Crop of Southport White Globe is rather short with us. **Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.25.**

### 590 Southport Red Globe

The handsomest of all the red Onions; large, solid and of perfect shape. Red Globe is the latest of the Southport Onions, ripening from a week to ten days after the yellows. The bulbs are remarkably uniform in shape, of a rich red color, ripen evenly and yield the largest percentage of marketable Onions. They ripen down hard and solid, keep well, and their beautiful appearance insures a ready market.

**Southport Red Globe** will yield a heavier crop than either the Yellow or White Globe, but as a rule the two lastly named sorts command higher prices. Our strain of the Red Globe is absolutely unsurpassed, producing uniformly handsome, thin-necked, hard, richly-colored bulbs. **Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.**

### 564 Southport Yellow Globe

Produces large, perfectly globe-shaped bulbs of the same size, handsome form and excellent qualities as the White Globe. The color of the skin is brownish yellow, however, while the flesh is white, fine-grained, crisp and mild. Tops die early and uniformly, insuring well-ripened bulbs of good-keeping qualities. **Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.**

## "Profitable Onions"

is the title of our new onion booklet. It tells all about the old and new method of growing large onions from seeds, describes the finest strains of American onions procurable and shows how we produce them. Ohio-grown onion seed is the finest than can be grown. Rich soil, ideal climate, constant selection and careful methods in seed production give our onion strains characteristics not found in the common article. Whether you raise onions for profit or for home use, you should plant Livingston's Ohio-grown Onion Seeds for best results with this crop. Read "Profitable Onions" and learn some of "the reasons why." Free to all onion growers.



Brown Beauty.

### 588 Large Red Wethersfield

For general purposes, the country over, no red variety is more largely grown. The largest, most uniform, heaviest yielder, and one of the best keeping of all the red onions. This is a standard red variety. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white. One of the best keepers. Yields enormous crops. Our stock is grown on the upland of our Kirkersville farm and cannot be surpassed. **Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.**

### 568 Livingston's Brown Beauty

**Grows the Hardest, Smoothest, Roundest, Best Keeping Onion Sets of any Onion on the Market**

This splendid Onion was introduced by us in 1900. For nearly 40 years it has been the market gardener's favorite in the Columbus market. Our superb strain is of our own growing and is the result of years of expert selection and careful cultivation. For winter and spring sales or for home use it is hard to beat. Keeps in good shape until late spring. Ripens early. Fine for onion set growing. **Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.**

LIVINGSTON'S  
OHIO SUGAR  
MUSKMELON



THE SWEETEST,  
RICHEST FLAVORED, GREEN-FLESHED  
MUSKMELON IN EXISTENCE

PACKET 10 ¢, 3 FOR 25 ¢.

PAGE 9.

# Catalog of "True Blue" Seeds



## Livingston's Famous Tomatoes

**New Varieties and the Growing of Large Quantities of Seed Our Specialty**  
**We Grow More Tomato Seed than any Other Establishment in the World**

We may add that we produce the best Tomato seeds that can be grown. In extensive comparative trials at our True Blue Seed Farms, it is demonstrated year after year that our stocks of Tomatoes are the most thoroughbred strains that human intelligence and observation can produce. Nowhere else are as close studies being made of the habits and characteristics of this important fruit, and nowhere is greater care exercised in saving the seeds as with us.

These studies, carried on through two generations (and the third generation is at it now), are largely responsible for the evolution of the Tomato from a mere weed to its present state of perfection. Forty years ago we introduced the first smooth red Tomato ever brought out—the Paragon. Since then twenty-six (26) of the most distinct and best standard sorts have originated with us, and the fame of Livingston's Tomatoes has penetrated every civilized country on earth.

It is needless to assure our friends that we are constantly keeping at it, improving and reselecting all the sorts introduced by us. The standard of quality of our Tomatoes is higher today than it has been at any time, and it will be improved as long as Livingston's have anything to do with it. We take great pride in giving herewith a list of varieties introduced by us and the years in which they were sent out. No doubt you'll find some old, familiar sorts that have "made good" with you among these varieties.

Livingston's Paragon	.....in 1870
Livingston's Acme	.....in 1875
Livingston's Perfection	.....in 1880
Livingston's Golden Queen	.....in 1882
Livingston's Favorite	.....in 1883
Livingston's Beauty	.....in 1886
Livingston's Potato Leaf	.....in 1887
Livingston's Stone	.....in 1889
Livingston's Royal Red	.....in 1892
Livingston's Gold Ball	.....in 1892
Livingston's Buckeye State	.....in 1893
Livingston's Aristocrat	.....in 1893
Livingston's Large Rose Peach	.....in 1893



Livingston's Honor Bright	.....in 1897
Livingston's Dwarf Yellow Prince	.....in 1898
Livingston's Magnus	.....in 1900
Livingston's Aristobright	.....in 1901
Livingston's Royal Colors	.....in 1901
Livingston's Dandy Dwarf	.....in 1901
Livingston's Multicolor	.....in 1901
Livingston's Princess	.....in 1901
Livingston's Grandus	.....in 1901
Livingston's Dwarf Stone	.....in 1902
Livingston's Purple Dwarf	.....in 1903
Livingston's Globe	.....in 1905
Livingston's Hummer	.....in 1907
Livingston's New Coreless	.....in 1908

## Tomato Culture

For very early fruit, the seed should be sown in a hotbed about the first week in March, in drills five inches apart and one-half inch deep. Later sowings may be made until the last of April. (Sufficient plants for a small garden can be started by sowing a few seeds in a shallow box or flower pot and placing in a sunny window in the house.) When the young plants are 3 to 4 inches high, they should be set 4 or 5 inches apart in another hotbed or cold-frame, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden them for planting out. Water freely at the time of transplanting into the open ground and shelter from the sun a few days until the plants are thoroughly established. Tomatoes are easily propagated from cuttings, and will come into bearing about a week sooner than from seed. Cultivate thoroughly as long as the vines will permit, but the last two or three workings of the soil should be very shallow or the crop may be badly injured.

Tomatoes grow splendidly trained to stakes or trellises, and the fruit is much improved, not only in appearance, but in quality. This mode of cultivation is quite common among gardeners who grow for early market, and at private places throughout the country; especially is this desirable where neatness and at the same time economy of space in the home garden is desired. The usual method is to set one strong plant to a stake 5 to 7 feet high, tying the plant up with wool or other strong, soft twine, and pruning quite freely as the vine advances in growth. By this method plants may be set much closer than in the ordinary way. For fine, large specimens of high color and attractive appearance generally, grow the clusters of the fruit in paper sacks, as is commonly practiced by grape growers. These paper sacks or bags should be put on when the tomatoes are about three-fourths grown. That about 2000 plants will be produced from one ounce of seed is a safe estimate.

## Tomato Facts

is the title of an interesting booklet which should be in the hands of every Tomato Planter. It describes in detail all of Livingston's Famous Tomatoes, tells how we grow TOMATO SEEDS and how the most perfect Tomatoes in cultivation today were evolved by us. After you read this booklet you know "the reason why" you should get your Tomato Seeds of Livingston's. The price of this book is 10 Cents. **With each copy, we shall mail a 10-Cent Due Bill** which we shall accept the same as cash with any order for Seeds, Bulbs, etc., amounting to at least 50 cents. So it will pay you in more than one way to send for it. Do it today.

Our "True Blue" Seal.



## Warning

We do not sell Tomato Seeds to dealers in bulk. All our Tomato Seed is put up in packages bearing our registered "True Blue" Seal. When you walk into a store and see Livingston's Stone, Livingston's Globe, Livingston's Beauty, etc., displayed on the counter in a bag without our blue seal, that packet does not contain Livingston's Tomato Seed. Every year we receive complaints that seeds bought at stores do not turn out as well as what we supplied.

The reason: Livingston's Tomato Seeds can only be bought from Livingston's or from a few reliable dealers who handle our seeds in original bags with the "True Blue" Seal. Our "True Blue" Seal.





Livingston's "Globes," Two-thirds Natural Size.

## 960 Livingston's Globe Tomato

(Originated by Us and Introduced in 1905)

**The Finest Early Purple Tomato in Existence - Very Distinct in Shape, Firm Fleshed, Blight Proof**

**Livingston's Globe Tomato** is an extra good all-round sort, of a distinct globe shape, with quite a large percentage of elongated fruits. It is a very beautiful variety (see illustration), and on account of its shape one that permits of a greater average number of slices to be taken from each fruit than any other sort, with the exception of our new "Coreless."

**Livingston's Globe Tomato** is early. In time of ripening we class it with the first earlies, being among the first to ripen fruit, both in our greenhouses as well as our field trials, along with many other varieties. The fruits are of large size, and a good marketable size is retained throughout the season. It is always smooth, of firm flesh, and few seeds; ripens evenly; color, a fine glossy rose, tinged with purple; and without the slightest tinge of yellow at any stage of ripening.

**Livingston's Globe Tomato** is an exceedingly productive variety, having plants with many short joints, at which large clusters containing three to seven fruits are almost invariably formed, so that it can be truthfully stated the plants are literally loaded with fruit. It is a remarkably good keeper, none of the many varieties we grow surpassing it in this respect—not even the everlasting-keeping Peach varieties.

**Fred Hitz & Sons, Jefferson Co., Ind., writes:** "We are pleased to tell you that we had a tomato of the Livingston's Globe variety to weigh even two (2) pounds. Raised in small garden."

**Livingston's Globe Tomato** is delicious. In qualities there is nothing more to be desired, being mild, pleasant and of delicious flavor; unsurpassed for slicing or to eat from the hand.

**Livingston's Globe Tomato** is unexcelled for greenhouse growing or for early growing on stakes or trellises, which is now so much in vogue. It is second to none of the purple sorts with which we are acquainted, and we aim to try all promising varieties as they are offered.

**Livingston's Globe Tomato** is first class as a general field cropper. It is so firmly fixed in its characteristic features that it was difficult to detect any variation in our crops of the past five seasons. Its blight-proof qualities are remarkable. May be picked quite green, will carry to Northern markets in excellent shape and ripen up uniformly to meet quick and profitable sales. Livingston's Globe is without doubt the greatest tomato ever evolved for the South. Get our seeds and make sure of the "true Globe." Read "Warning" on page 10.

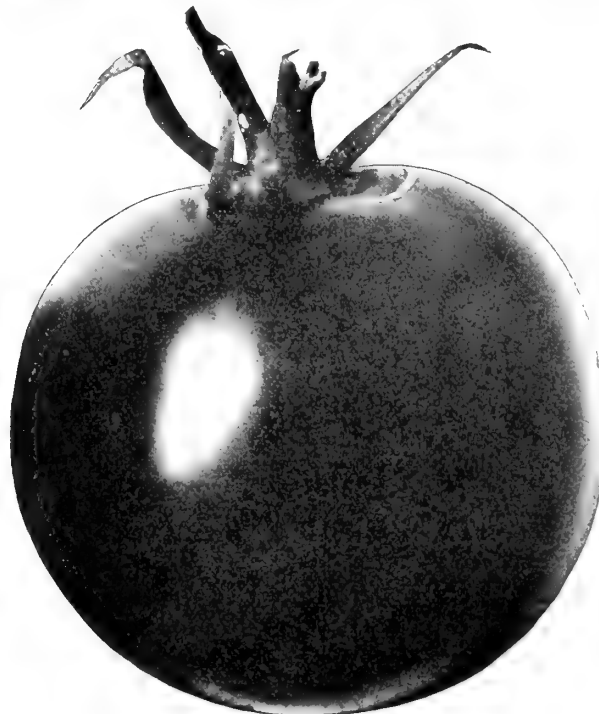
We are headquarters for the True Globe Seed and sell it under the "True Blue" Seal. Price: Pkt., 10c.; oz., 40c.; 1 lb., \$1.25; 1b., \$3.75.

Livingston's Globe, One-half Natural Size.





# Catalog of "True Blue" Seeds



Livingston's Hummer

## Two Other Sorts of the New Globe-Shaped Type

### 934 Livingston's Hummer

Introduced by Us in 1907

(See illustration of fruit alongside)

**Livingston's Hummer** is round as a ball, smooth as an apple, a good variety for forcing, also very prolific, and has very little indenture about the stem end. The color of the fruit is a very attractive bright-scarlet. The flesh is a rich crimson-scarlet, and of the very best quality. In size, not so large as Livingston's Stone, but nevertheless a most excellent variety for canners' use, as a large percentage of the fruits can be put into the can whole; quite an early tomato, is especially desirable also for canners' use in those latitudes where the crop must be produced in a short time.

**Livingston's Hummer** is hard to beat for market and home-garden, especially when grown on stakes or trellises of some kind. Free from cracks, always smooth, of desirable size, and a great producer of beautiful clusters of fruit. It is a healthy, vigorous grower of medium-sized vines. The fruit itself is firm and solid; in fact, a rotten tomato is very seldom found. If picked when "just turning" to ripen, it will carry to a distant market in excellent shape, color up nicely, and meet with ready sales.

PRICE—Pkt., 10c.; oz., 25c.; 1 lb., 75c.; lb., \$2.75.

Herman Howald, of Little Falls, Herkimer Co., N. Y., writes as follows: "Have planted your Tomatoes before and have found them the best ever planted. You ought to see my crop. Everyone should try them, and he will never plant any others."

### 932 Livingston's Coreless

Originated by Us and Introduced in 1908

The Most Perfect Shaped Canning Variety ever Produced. Large Size, Globe Shaped, Full at Stem End. Bright Red, a Strong Grower and Big Cropper.

All markets requiring a bright-red sort will be pleased with Livingston's Coreless. In shape it is almost round, being of about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning owing to a very small amount of loss in material and labor.

**Livingston's Coreless** is immensely productive, clusters of 4 to 7 fruits are produced at six to eight inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces. Always free from green core. A grand, good slicing variety, the seed cells being surrounded by bright-red, heavy, meaty and delicious flesh, which is slightly more acid than the Livingston's Globe. Its color is that bright, rich red so important to all packers of high-grade goods.

**Livingston's Coreless** has strong outside and inner walls of flesh which render it a firm fruit and one of the best for long-distance hauling and shipping. Ripens all over and through and right up under the stem, all at the same time.

PRICE—Pkt., 10c.; oz., 30c.; 1 lb., \$1.10; lb., \$3.50.

#### What a Successful Trucker and Author Says About Our "Globe-Shaped" Tomatoes:

"In the introduction of new varieties, we owe considerable to the Livingston Seed Company, of Columbus, Ohio, for having produced a number of varieties of great merit. Among their latest and most promising introductions are the Globe varieties; these have everything that is desirable in quality, carrying capacity, size and shape.

Reprinted from "Truck Farming in the Everglades," by W. Waldin. Price, \$1.00. Postpaid.

Chr. Hartz, of Allegheny Co., Pa., writes as follows: "I take this opportunity to write you a few words in regard to the three tomatoes on my order. I had all three last season and had one of the best crops ever seen, especially the **New Coreless**. I had a very heavy crop of them and had to turn orders down as I could not fill them all and I got 15c. to 20c. per basket more than what tomatoes were calling for."



Livingston's Coreless Tomato.





The Greatest Canning Tomato in the World

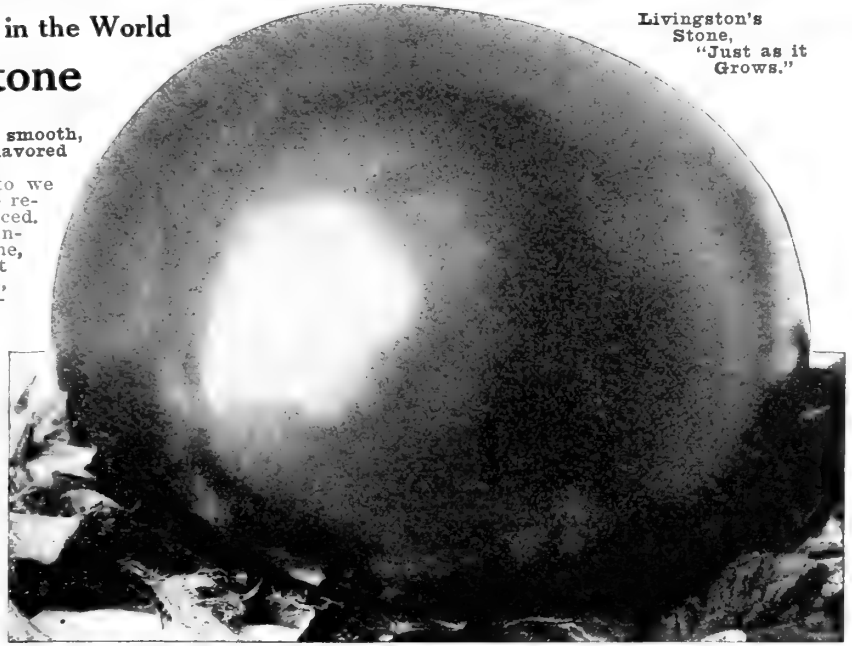
## 936 Livingston's Stone

Introduced by Us in 1889

The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavored main-crop variety in existence.

The most highly complimented Tomato we have sent out, for it has received more re-names than anything we have introduced. Dealers and planters everywhere instantly recognized the merit of the Stone, and Livingston's STONE can be bought at many sources under different names, although comparative trials always reveal the real nature of the "new name" sort.

It is now twenty-three years since we sent out the Stone, the Tomato that was destined to become the greatest canning Tomato the world has ever known. More Stone Tomato is grown every year than any other half dozen varieties taken together. We alone supply enough seed to the leading Tomato growers every year to produce 80 million plants, and large quantities of Stone Tomato seeds are sold by others, but—seed of Livingston's Stone, as evolved by us, can only be bought from Livingston's. Here, at its birthplace, we know exactly what characteristics should be bred into the fruit, and with us it is found at the zenith of its perfection. **Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 75c.; lb., \$2.75.**



Livingston's Stone, "Just as it Grows."



## Warning:

Not all Tomato seed called "Livingston's Stone" is Livingston's Stone grown by Livingston's. This applies to all of Livingston's Famous Tomatoes. To be sure of genuine seed grown by us, look for our "True Blue" Seal on every bag. See page 10 for more information.



## 961 Livingston's Beauty

Introduced by Us in 1886

Although introduced by us twenty-five years ago, this is still the greatest of all purple colored market Tomatoes. Hosts of "new" sorts have been brought before the public since, but **not one** has in any sense become a real rival of Livingston's Beauty, although our "Globe" is rapidly gaining in favor among Southern growers. The plants make a strong growth, are hardy and bear plentifully. The fruit is produced in clusters of four to six, is large, of perfect shape, and retains its size until late in the season.

**Livingston's Beauty** ripens early, has firm flesh of excellent quality, and the seed cells are very small. For shipping and early market it cannot be excelled. May be picked quite green; will ripen up nicely, look well and keep in perfect condition for a week after becoming fully ripe. As far back as 1892 we sold 2 1/2 tons of this variety and its popularity has not decreased since. Our father called this sort "the Crown Jewel of them all," and many people will say today that he was perfectly justified in his enthusiasm. **Pkt., 10c.; oz., 25c.; 1 lb., 75c.; lb., \$2.50.**

### A Few Words About Quality in Tomato Seed

Seeds are the most deceptive merchandise in existence. Even an expert cannot tell from a mere examination of Tomato seed whether it was saved by experienced men from choice, selected fruit or whether it was washed out of the refuse back of a canning factory. We could produce Tomato seed much cheaper were we willing to risk our hard-earned reputation as the growers of the best Tomato seed on earth. Every pound of Tomato seed we sell is grown by us at our True Blue Seed Farms, or right near there under our close personal supervision. We handle the crop ourselves from the time it leaves the field until it is filled into bags to be shipped to customers. The fact that we can dispose annually of ten tons of our selected Tomato seed and that we have never as yet been able to produce enough to supply the demand is evident proof that planters value it.

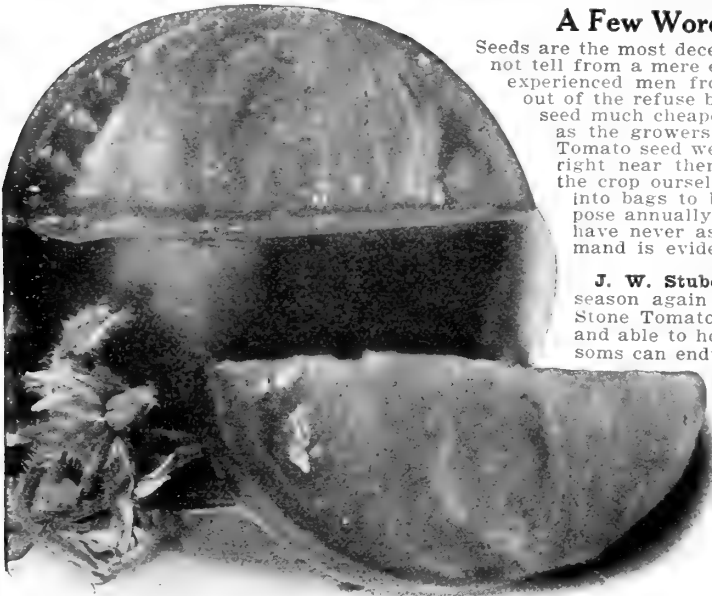
**J. W. Stubenraugh, of Limestone Co., Tex., writes:** "The past season again I found cause to congratulate you on your Dwarf Stone Tomatoes. The plant is all that could be wished for—stout and able to hold up the heavy load of fruit it sets. Then, the blossoms can endure a temperature of 100 degrees in the shade and yet set fruit, something no other variety that I have ever tried will do under the same conditions."

**Dwarf Stone is offered on page 15.**

**Mr. H. S. Hazeltine, of Los Angeles Co., Calif., writes:** "In this connection wish to say that the seed you shipped us last year was the best we have ever received from you, and the growers are all highly elated with their success last season."

(Above refers to Stone Tomato.)

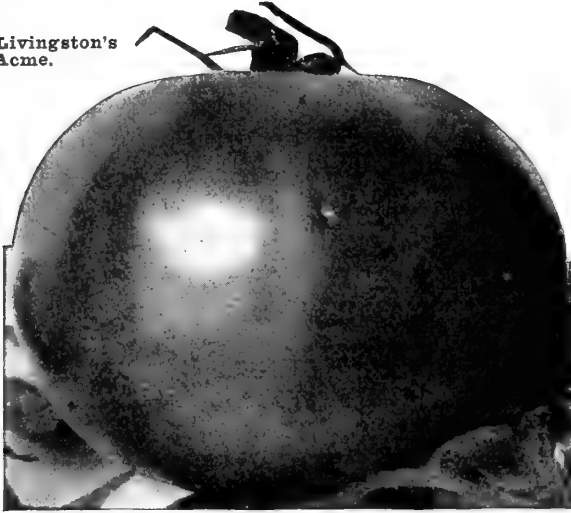
**Mr. Robin Vogel, of Miller Co., Ark., writes as follows:** "Last year I gave Livingston's Stone Tomato a trial, and must say it exceeded in yield all others I ever planted. For canning, in my estimation, has no equal; for shape, flavor, yield, and all other uses, it's unexcelled."



Livingston's Beauty.

# Catalog of True Blue "Seeds"

Livingston's Acme.



## 962 Livingston's Acme

Introduced by Us in 1875

One of the best, earliest purple-fruited Tomatoes in existence. As a shipping sort for growing in Southern States it is unsurpassed. This was the first perfectly smooth large purple Tomato introduced by the founder of our firm. Today, after thirty-five years, it is still the leading standard sort with many extensive growers in the South, particularly in Texas.

Critical selection and constant improvements on our part have preserved the high standard of this remarkable variety, which we consider the smoothest and most uniform, medium-sized, early, purple-fruited sort. Livingston's Acme is a very prolific sort. Fruits are produced in clusters of four or five, are large and free from cracks. They are remarkably solid and stand long distance shipment to perfection. The quality of the flesh is beyond criticism. **Pkt., 10c.; oz., 20c.; 1/2 lb., 60c.; 1 lb., \$2.00.**

## 940 Livingston's Perfection

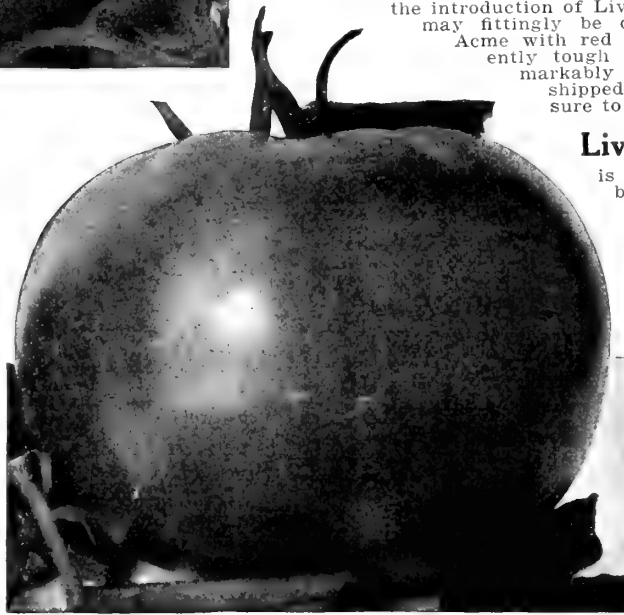
Originated by Us and Introduced in 1880

The demand for a first-class shipping Tomato brought about the introduction of Livingston's Perfection, which may fittingly be described as an improved Acme with red skin. This skin is sufficiently tough and the fruits are so remarkably solid that they may be shipped long distances and are sure to arrive in good condition.

## 944 Livingston's Favorite

Introduced by Us in 1883

New sorts may be introduced, claims may be made for so-called "new creations," but Livingston's Favorite will always be that which its name implies—a favorite with canners and in the home garden. Favorite is one of the best shaped, largest, bright red Tomatoes in existence. The fruit ripens evenly, is always smooth, free from cracks, and holds its size to the end of the season. Flesh is of good flavor, very solid, with few seeds—all good reasons why canners like Livingston's Favorite. It also bears shipping well, and truckers in many parts of the country consider Livingston's Favorite the most profitable variety. Livingston's Favorite is illustrated on page 64. **Pkt., 10c.; oz., 25c.; 1/2 lb., 75c.; 1 lb., \$2.75.**



Livingston's Perfection.

## Livingston's Perfection

is a medium-sized, smooth, bright red sort of excellent quality. It ripens about ten days before Livingston's Stone, keeps its good size to the end of the season and is unexcelled for either market or home use. Many canners, especially those who put up the Tomatoes whole, prefer Perfection to all others. **Pkt., 10c.; oz., 20c.; 1/2 lb., 60c.; 1 lb., \$2. 00.**

**R. C. Bibbins, Kendall Co., Ill., writes:** "We bought some Tomato seed of you last spring and thought it might interest you to know that we picked a cluster of 3 New Coreless that weighed 38 ozs. They are the best in every way of any we ever raised." (Coreless is described on page 12.)

## 964 Livingston's Magnus

### One of the Finest for Growing on Stakes

Introduced by us in 1900. This distinct variety, of the color of Livingston's Beauty and Livingston's Early Acme, is perhaps one of the most valuable additions to the Tomato family. It is fully as early, thicker, heavier and more solid than either of the above, making it easily one of the most handsome varieties in cultivation. **Livingston's Magnus** is unsurpassed in quality and in the production of fine, large fruits. While well adapted to main-crop planting, it matures so quickly that it also takes first rank for early market purposes. The form is perfect, uniform, large and attractive (see illustration). The flesh is very firm. A robust grower, with short joints, setting its clusters closer together than most varieties, and it therefore follows is a very heavy cropper. The fruits are usually very deep from stem to blossom end, some of them being almost globe-shaped. Ripens evenly, does not crack about the stem, and the flavor is all that can be desired. We have tested Livingston's Magnus Tomato for several years for staking up in the open field, as well as for forcing in greenhouses, and we believe it to be entirely unequaled for such purposes. **Pkt., 10c.; oz., 30c.; 1/2 lb., 85c.; 1 lb., \$3.00.**



Livingston's Magnus.

**Packet Prices OF LIVINGSTON'S TOMATOES—** Regular Size, 10 cents each; 3 for 25 cents, one or more kinds. Smaller Sizes, 5 cents each; 6 for 25 cents, one or more kinds.



## 942 Livingston's Dwarf Stone

(Introduced by Us in 1902)

The merits of the dwarf-growing sorts are being more and more appreciated, especially by the man who has only a small piece of ground at his disposal. The advent of Dwarf Stone marked a new epoch in Dwarf Tomatoes, for in that sort we bred many desirable characteristics lacking in other dwarfs.

**Livingston's Dwarf Stone has size!** The fruits are larger than those of Dwarf Champion and nearly as large as those of our original Stone, the most famous canning Tomato.

**Livingston's Dwarf Stone is prolific!** Vines have produced as high as ten marketable fruits which weighed 5 pounds 3 ounces. Single fruits often weigh 1 pound, are very meaty and solid.

**Livingston's Dwarf Stone is handsome!** The shape of the fruit is perfect, the skin is free from cracks at stem end. The color is bright red, a shade that catches the eye.

**Livingston's Dwarf Stone is of exquisite flavor!** It is an exceedingly "tasty" sort, and, whether eaten raw from the hand or prepared in any way, it gives and creates that degree of satisfaction which "longs for more."

You may set the plants of Livingston's Dwarf Stone as close as 12 x 24 inches and still produce an abundant crop. It is the variety "par excellence" where ground and space are valuable, and it has become a great favorite. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.**

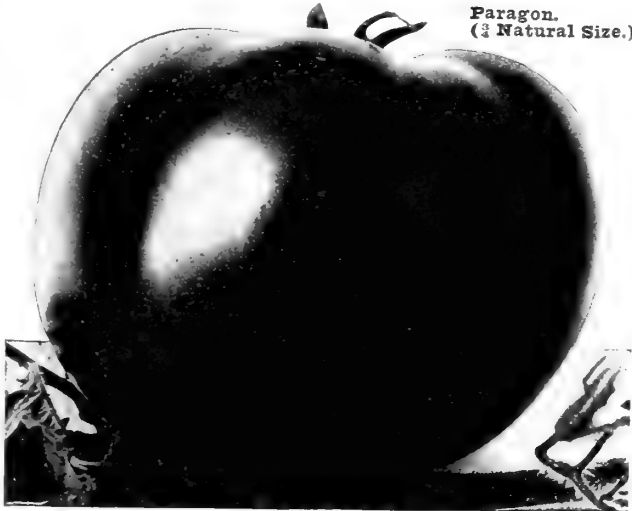


Dwarf Stone.

## 948 Livingston's Honor Bright

(Introduced by Us in 1897)

The distinctive features of this sort are its solidity, long-keeping qualities after being picked and the remarkable changes of color the fruit undergoes during growth and ripening. First, it is light green, then an attractive waxy-white, then lemon, finally changing to a rich red. When in the white stage they make beautifully transparent and delicious preserves. On account of its solidity and long-keeping qualities, it is especially recommended for shipping long distances. It can be shipped in barrels like apples, if picked when in the yellow stage of ripening. Clusters bears 3 to 5 perfect fruits, which ripen very evenly. Flesh, when ripe, is tender and melting. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**



Paragon. (¾ Natural Size.)

## 938 Livingston's Paragon

(Introduced by Us in 1870)

This was the first perfectly smooth, deep red Tomato ever offered to the American people. We have constantly improved upon the original high standard, and there are many gardeners and catsup-makers who today, after 40 years, would not have any other kind.

### Livingston's Paragon

is a vigorously growing sort, with heavy foliage. A characteristic of the plant is that, under favorable conditions, it will send forth shoots and branches from the base later in the season, and these branches will bear a second crop of fruit equal in size and quantity to that grown on the center stalks.

### Livingston's Paragon

is an immense cropper. In time of ripening it is a medium or early main-crop sort. The fruits are of large size and remain so throughout the season until late in the fall. Flesh is solid, of superior quality and of appetizing appearance.

**Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

Buckeye State.



## 966 Livingston's Buckeye State

(Introduced by Us in 1893)

The largest Tomato bearing our name. Extra large fruits are borne in clusters of three to six. Buckeye State is at all times of the largest size, and has a smooth skin of dark purple color. The fruit is very meaty, solid, and the flesh is of most desirable quality.

The principal objection to "mammoth" sorts has been their rough and uneven skin. In Livingston's Buckeye State we have been successful in eliminating these weak points, and planters everywhere will appreciate the beautiful, extra large fruits, which are exceedingly showy and find a ready sale.

**Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.10; lb., \$4.00.**

# Catalog of "True Blue" Seeds

Golden Queen.



## 968 Livingston's Improved Dwarf Champion

Bears fruit fully one-third larger than the original in all kinds of soils. It continues bearing desirable sized fruits until frosts. Fruit is produced in clusters of three to five specimens. The plants are close-jointed, each bearing a large number of fruits of a beautiful glossy purple, invariably "as smooth as an apple," firm, solid, thick flesh, with large meaty center. Quality is the best. (See illustration below.) **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.**

## 970 Livingston's Potato Leaf

Introduced by us in 1887. A purple potato-leaved sort. The fruit is always smooth, medium size, very firm. A very desirable Tomato. A most excellent variety for growing on trellises or tying up to stakes. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

## 972 Livingston's Dwarf Purple

Introduced by us in 1903. Large fruited Dwarf-Growing Purple Tomato. The skin of Livingston's Purple Dwarf is a beautiful, rich, glossy rose, tinged with purple, perfectly smooth and not liable to crack easily. Flesh solid and thick, with few seeds. A very productive variety. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

## 950 Livingston's Royal Red

Introduced by us in 1892. A first-class main-crop variety. A beautiful red; very handsome. Desirable for canning and catsup making. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

For complete condensed list of Livingston's Famous Tomatoes and other standard sorts, see pages 64-67.

## 946 Livingston's Dwarf Aristocrat

Introduced by us in 1893. This fine Tomato in habit of growth and foliage resembles the Dwarf Champion, except in color; Livingston's Dwarf Aristocrat having a beautiful rich, glossy red fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit and its other splendid qualities are fully up with the present standard of excellence. It is very desirable for forcing under glass, especially on the side benches. **Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

## 980 Livingston's Golden Queen

Introduced by us in 1882. "Queen of all the Yellows." Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early. The larger and riper fruits are sometimes tinged with red. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

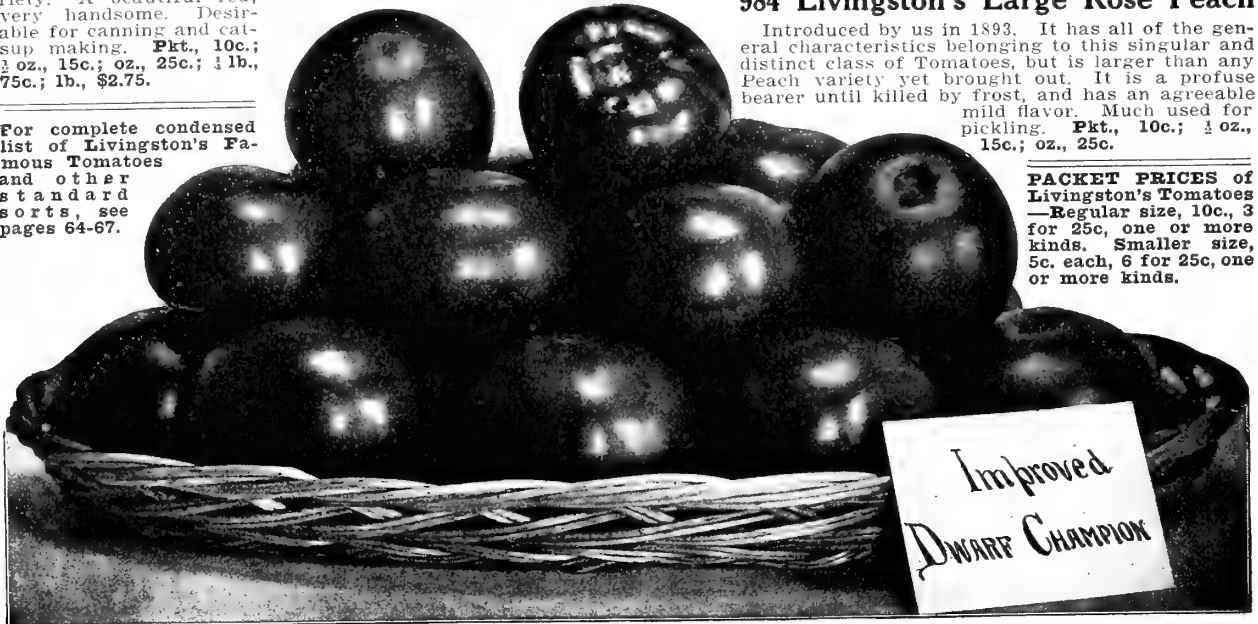
## 982 Livingston's Gold Ball

Introduced by us in 1892. Beautiful canary-yellow Tomato; flesh thick, fine quality; not so large as Livingston's Golden Queen; smooth as an apple; handsome color; grows in clusters and produces enormous crops. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

## 984 Livingston's Large Rose Peach

Introduced by us in 1893. It has all of the general characteristics belonging to this singular and distinct class of Tomatoes, but is larger than any Peach variety yet brought out. It is a profuse bearer until killed by frost, and has an agreeable mild flavor. Much used for pickling. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.**

**PACKET PRICES of Livingston's Tomatoes**  
 —Regular size, 10c., 3 for 25c, one or more kinds. Smaller size, 5c. each, 6 for 25c, one or more kinds.







## Meritorious Floral Novelties for 1912

### 1796 New White Bush Dolichos

See Illustration of Plant Grown in "True Blue" Trial Grounds 1911

No illustration can convey a correct idea of the splendid effect produced by this unique floral novelty from the land of the Mikado. Strong, healthy plants, 18-30 inches tall according to soil, carry an abundance of elegant flower spikes 12 to 16 inches long, well above the foliage. Individual flowers measure about an inch across and resemble a pea flower. As the lowest flowers on stalks drop off, they are followed by ornamental creamy-white seed pods. Bush Dolichos succeed anywhere, are highly ornamental planted singly or in rows and bloom continuously from middle of July until frost.

Packet, 10c.



African Golden-Orange Daisy.

### 1718 New "Golden Orange" Daisy

(*Dimorphotheca Aurantiaca*)

Seldom has a floral novelty excited the interest and admiration that this beautiful annual is commanding wherever seen. Brought originally from Namaqualand, South Africa, to England it took the horticultural world of Europe by storm and its fame is now spreading very rapidly in America.

Sown into the open ground by middle of May, this rare annual soon develops many-branched plants 10 to 12 inches tall which, when fully developed, will spread from 12 to 15 inches. Foliage is very ornamental, of light, bluish-green color. Each branch carries several daisy-like flowers on stems 4 to 6 inches long.

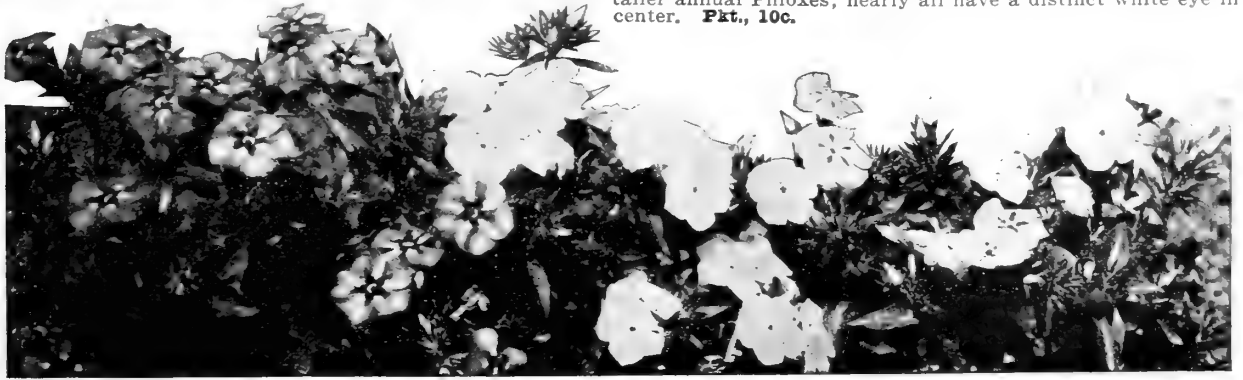
The rarely beautiful flowers are the object of intense admiration of everybody who sees them. Imagine an elegant daisy, 2 to 2½ inches across, of a brilliant golden-orange color with a rich, lustrous gloss. There is no other flower like it among the hundreds of Annuals we know. The prominent black zone or disc surrounding the pistils in center adds largely to brilliant appearance of flowers.

For showy ribbon beds, borders or massing, this remarkable floral novelty cannot be surpassed. A field of them presents a magnificent sight and a long, single row which we grew in our trials last summer showed clearly what elegant effects might be created with this plant, if properly handled. The plants are easily grown and for extra early flowers, seeds may be started in the house in a box. Plants may be transplanted into the open ground in May. Keep the young seedlings cool. As soon as they are set out they take root and in a short time begin to bloom, which they keep up nearly all summer. Be careful to set the young plants about two feet apart each way. They do not like to be crowded. Keep bed free from weeds, but do not hoe deeply close to the plants, which depend upon a single, large tap root. Every lover of the beautiful should have this rare annual in the garden next summer. Pkt., 10c.

### 2281 New Miniature Phlox, Dwarf Cecily

(See illustration of Plants Grown in 1911 Trial Grounds)

All who value the free-flowering and highly ornamental Phlox Drummondii will be pleased with this dainty little novelty. Plants not exceeding 8 inches in height carry a great profusion of flowers as large as those found on Drummondii Phlox. For borders or carpet beds this unique class will be highly appreciated. Flowers run in all the shades found among taller annual Phloxes; nearly all have a distinct white eye in center. Pkt., 10c.



# Catalog of "True Blue" Seeds

## New Giant Orchid-Flowered Sweet Peas

Of the many new varieties of Sweet Peas we tried during the last few years, the varieties described below impressed us so favorably that we considered them worthy for distribution among planters of "True Blue" seeds. Please bear in mind, when planting any or all of these floral beauties that the Spencer type of Sweet Peas is of a peculiarly "sportive" character. White flowers will show up in dark sorts in spite of five years of continuous selection, and we believe that it will take years of serious efforts to eliminate these "fickle" traits from Spencer Sweet Peas. In the meantime all lovers of these dainty flowers will be delighted with the progress made in varieties offered.

### 2622 America Spencer

Bright, blood-red stripes on silvery white ground make this sort one of the showiest Sweet Peas in existence. Of magnificent bold form, with large petals of true Spencer shape. **Pkt., 10c.**

### 2612 Apple Blossom Spencer

is a lovely form of the old-fashioned Apple Blossom Sweet Pea. The new type inherits all the thriftiness of the old variety, bearing the large handsome flowers on long, strong stems. Each flower has beautifully crinkled, wavy petals, the standard showing a distinct serration. **Packet of twenty-five seeds, 10c.**

### 2614 Beatrice Spencer

White, tinted with soft pink and buff on standard, while the wings have prominent blotches of a brighter pink near base. A dainty sort of elegant shape, with large flowers borne on strong stems. **Pkt., 10c.**

### 2615 Dainty Spencer

White, with exquisite rose-pink edges. Of uniformly large size and elegant shape. **Pkt., 10c.**

### 2613 Mrs. Routzahn Spencer

(See illustration in center of page)

Is absolutely unique in color which may be described as buff or apricot, suffused with delicate pink which deepens to a rose near edges of wings and standard. The whole reminds us of a dainty, quaint butterfly. Usually four to a stem. **Pkt., 10c.**

### 2621 Senator Spencer

Bears magnificent wavy flowers measuring nearly two inches in diameter. The combination of color in the flowers is charming—a deep claret or chocolate, striped and flaked on a ground of light heliotrope. Both standard and wings are extra large, wavy and drooping. Flowers are usually borne four to the stems. **Pkt., 10c.**

### 2572 Florence Morse Spencer

Extremely large flowers of finest wavy form and good substance. Resembles Countess Spencer, but has an exquisite light pink edge around each petal. Fine, stiff stems, usually four flowers to a stem. **Pkt., 10c.**

## Livingston's Giant Flowering Nasturtium Collection

of

**7 Large packets of new and beautiful kinds, postpaid, for... 25c**

is fully described on third page of cover—opposite index. We consider this the grandest collection of these popular flowers ever offered at such a popular price. Invest 25c. in one, and an equal amount in one of our "Spencer" Sweet Pea collections offered opposite. For 50c. you will have an abundance of flowers from early June until frost kills the Nasturtiums.

## Livingston's "Spencer" Collection

**25c** Six Beautiful New Sorts and One Packet of New Seedlings in Glorious Mixture, Seven **25c** Packets in all.....postpaid

We consider this the most liberal collection of rare new sorts ever offered at a popular price. Finest sorts, a liberal amount of seeds and the seeds of "True Blue" quality offer everybody a unique chance to become acquainted with this magnificent race of Sweet Peas which are distinguished for their gigantic size, usually measuring 2 inches across. The bold, erect standards are uniformly waved, crinkled and fluted in exquisite fashion. Flowers are borne in greatest profusion and come usually 3 and 4 to a stem. The following seven sorts comprise Livingston's "Spencer" Collection for 1912.

**2584 Astha Ohn**—Finest lavender Spencer Sweet Pea yet evolved. Comes remarkably true to type, producing the elegant, bold, wavy flowers in greatest profusion. **Pkt., 10c.**

**2591 Blanche Ferry Spencer**—The popular old "painted lady" pink and white Sweet Pea in magnificent new form! It is extremely hard to express in printers' ink the improvement which the new type shows over the old form. **Pkt. of twenty-five seeds, 10c.**

**2620 Captain of the Blues Spencer**—Purplish maroon standard and bluish-purple wings with veins of rosy purple make this exquisite sort one of the finest in our collection. The immense flowers are of true Spencer type, well waved and crinkled. **Pkt., 10c.; oz., 25c.; ½ lb., 75c.**

**2623 Othello Spencer**—Deep velvety maroon. By far the finest of the dark-colored Spencers. Of very large size and beautiful form. Illustrated on page 111. **Pkt., 10c.**

**2583 King Edward Spencer**—Undoubtedly the largest and best scarlet sweet pea to date. Each stem carries from 3 to 4 enormous flowers, with 1½ to 2 inch standard, while the wings average 1½ inches wide and 1¼ inches long. Wings carmine-scarlet, reverse side rosy carmine. The very beautiful blossoms are carried on long, stiff stems. **Pkt., 10c.; ½ oz., 25c.; oz., 40c.**

**2590 White Spencer**—The thrifty vines are almost completely covered with mammoth white flowers. The standard often measures 2 inches across and is distinctly waved and fluted. Flowers are borne 3 to 4 on a stem and are of splendid substance. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.**

### 2630 "Spencer" Seedlings in Glorious Mixture

All of the best-named sorts, also many rare new hybrids in lavender, blue, striped, mottled, purple, maroon and many other shades are included in this superb mixture. All flowers are of extremely large size, typically frilled and waved and very lovely. **Pkt., 10c.; oz., 25c.; ½ lb., 75c.**







## Livingston's True Blue Vegetable Seeds

In this department may be found all that is best in Vegetables—except our specialties for 1912, which will be found on pages 3 to 18. We have rigidly excluded all worthless varieties, omitted an endless number which are out of date, and avoided the offering of same varieties under different names. General instructions as to planting and growth, while reliable, will not apply equally to all sections, as some allowance must be made for difference in latitude. Cultural directions will be found on most of our packets. **We also send free to customers, on application, a very helpful leaflet—The Vegetable Garden—which contains valuable information.**



### Seeds, Postpaid, by Mail

We pay the postage on all Vegetable and Flower Seeds offered in this list by packet, ounce, quarter-pound, pound, pint or quart, unless otherwise noted. Half-pounds are supplied at pound rates, half-pecks and half-bushels at peck and bushel rates, unless otherwise noted. We guarantee safe delivery by mail, postage prepaid.

### Seeds by Express or Freight

When seeds are ordered sent by express or freight, 8 cents for a pound, 3 cents for a pint, and 15 cents for a quart may be deducted from

the prices in this catalog for these quantities, as by express or freight always means that the purchaser pays transportation charges when shipment is received.

**Peck, Bushel and Barrel Lots**—Express or freight charges must be paid by purchaser when shipment is received.

### Market Gardeners or Other Large Planters

Requiring larger quantities of Seeds than are here quoted are requested to write for our **Special Price List**. This list we cannot send to private gardeners, even if they ask for it, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.

### Artichoke Artichoke Alcachofa

**1 Large Green Globe**—This Artichoke is grown for its flower heads, which are cooked like Asparagus. Hardy and easily cultivated. The seed can be sown early in April in a rich seed bed in drills one inch deep and 12 inches apart, thinning, when up, to 4 inches apart. Protect in winter with a slight covering. The second season they form heads. Once established, they will continue bearing for years. **Pkt., 5c.; oz., 25c.; 1 lb., 80c.; lb., \$3.00.**

**Jerusalem Artichoke Roots**—For description and prices, see Farm Seed List, page 77.

### A Fine New Asparagus 8 Carolina Queen

This superb strain comes from the Carolinas, where Asparagus has been grown as a special market crop for a long period of time and on a larger scale than anywhere else in the United States. One of the oldest and largest Asparagus growers has developed this strain from a cross between the old Palmetto and an imported French variety. He has been selecting and breeding it up for the past 15 years, and has thoroughly fixed the following very desirable points: **Earliness, Great Productive Power, Immense Stalks when Sprouting, Rust Resistance, Superb Quality, Handsome Appearance.** The stalks are very pretty, being creamy white with pink heads. The flavor is delightful.

**Choice Stock Seed**—Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.

#### "True Blue" Seeds

are "quality seeds." Our trialgrounds prove to us every year that our strains are as good as the best and better than many good strains. Still, every year we learn and try to produce better seeds than those offered the year before.



Asparagus, Carolina Queen.

### Spargel Asparagus Esparragos

It can be grown in any good garden soil, but does best in sunny, moist soil. To grow plants from seed, sow in drills about one inch deep in rows one foot apart. Keep the soil mellow and free from weeds; during the summer thin out, and the following spring plants may be set in beds six feet wide, with a two-foot path each side; set the plants one foot apart each way, four inches below the surface. Annually, after cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be thoroughly cultivated into the soil. As soon as the tops turn yellow in the fall they should be cut and removed from the beds, and just before winter cover the beds with four inches of coarse straw manure or leaves, which should be removed in the spring. A bed 6 x 40 feet is ample for an ordinary family, and when well established is good for 20 years. **One ounce of seed will sow 60 feet of drill. About 400 plants to the ounce. Asparagus Roots, see p. 68.**

**4 Palmetto**—A large, dark green variety, of vigorous growth, having pointed tips. Early. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 55c.**

**5 Conover's Colossal**—Large and rapid grower of excellent quality. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 45c.**

**6 Columbian Mammoth White**—A distinct variety producing shoots which are white and remain so as long as fit for use. Vigorous and robust in habit; grows large shoots. Needs no earthing up. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

**7 Early Argenteuil**—Earlier, larger and better than the good old Colossal. Flavor superb. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

**9 Donald's Elmira**—Good reliable, mammoth variety of very fine quality. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

Leaflet with Culture directions free to customers. **Asparagus Roots, see page 68.**

## Our Vegetable Specialty Collection for 1912

**6** Superb Vegetables as illustrated on back cover and described on pages 3, 4, 24, 40, 43 and 59, postpaid, for **25c**

The collection offered in this space last year proved so popular that we decided to still further improve it. Containing six of the finest and most popular sorts of vegetables ever evolved, it will prove a decided bargain to both old and new customers.

**Bean, Keeney's Stringless Refugee**, is result of careful breeding by which the strings, which are so objectionable in the old Refugee, were entirely eliminated.

**Beet, Crosby's Egyptian**, as we have grown it on our farms for years, stands high in the esteem of the most critical planters of this country. Year after year, we select and reselect until we have a beet that cannot be beat.

**Corn, Livingston's Early Sugar**—Fully described and illustrated on page 4. One of the handsomest and sweetest early Sugar Corns ever evolved. A splendid sort for market as well as home use.

**Lettuce, Livingston's Bon Ton**—Of the Curled Simpson type, but with prominent white midribs, which make Bon Ton one of the most brittle lettuces in existence. Of fine quality.

**Musk Melon, Livingston's Tip Top**—Most popular salmon-fleshed sort listed. Of good size, handsome appearance and tip top quality, it has been a favorite for 20 years.

**Radish, Cincinnati Market**, is a great favorite throughout the country. Grows quickly to good size, keeps in eatable condition a long time. Our strain is extra fine.

# Catalog of "True Blue" Seeds

## Livingston's Extra Selected Beans

We are proud of our strains of Beans. They have been evolved by the best growers of this country, are critically rogued year after year, are always hand-picked, and we are satisfied that better Beans cannot be bought anywhere.

**Packets of Beans**, put up to sell at 5c., postpaid, contain too small a quantity. We therefore put up **Liberal Sized Packets at TEN CENTS**. Pint and Quart prices include postage. If to be sent by express or freight, at buyer's expense, deduct 15c. from quart, or 8c. from pint prices.

**Half-Pecks and Half-Bushels at Peck and Bushel prices**, except as noted; these are always sent by express or freight, buyer paying transportation charges. One quart will plant 100 feet of drill; 1 to 2 bushels to the acre.

Habas nanas Dwarf or Bush Beans Buschbohnen

Finest Wax Bean  
in Cultivation

### 24 Livingston's New Hardy Wax

Although introduced by us five years ago, this excellent sort has maintained its place as the finest, most prolific and most palatable Wax Bush Bean in cultivation. **Hardy Wax** is unusually robust and healthy. The strong foliage resists disease and unfavorable weather conditions perfectly, and the plants show no constitutional weakness. **Hardy Wax** is prolific. Whether sown during spring, summer or fall, it invariably produces loads of handsome, waxy, lemon-yellow pods, about 5 inches long. The pods are solid, meaty and absolutely stringless. **Hardy Wax** takes the prize for quality. The pods are tender at all stages of growth and of delightful flavor. They are of great beauty, stand shipping well, and this, in connection with the prolific character of this sort, makes it pre-eminently a market gardener's favorite. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.**

### Other Wax Podded Varieties

#### 20 Livingston's Yellow Pencil Pod

(Introduced by us in 1899.) Although hardy, it is absolutely stringless, tender and of a most luscious quality. Pods smooth, perfectly round and as straight as a lead pencil. In points of vigor, hardiness and prolificacy it is unsurpassed. We offer it as the best market gardener's Wax Bean to date. (See illustration below.) **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.**

**19 Wardwell's Kidney Wax** Immensely Productive. One of the Handsomest Wax Podded Beans. Early; vine medium, erect, hardy, productive. Pods long, broad, flat, brittle and of a delicate waxy yellow. Very attractive market sort. Beans large, kidney-shaped, white with dark markings about the eye. First-class snap Bean and a good one for winter. (See illustration to left.) **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$5.75.**

**22 Round Pod Kidney Wax**—Pods are round. Plants grow strong and sturdy, with long, round, handsome stringless pods of large size, very solid and full of meat; crisp, brittle. Wonderfully early and productive and has become very popular. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.25.**

#### 21 Stringless White Wax

A splendid new Wax Bean. The vines are of strong, vigorous growth, attaining a height of about 18 inches; very productive, bearing in immense quantities handsome, straight pods, which are of superior table quality. The pods are flat, from 5 to 6 inches long and entirely stringless. The dry bean is pure white, free from rust, **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.50.**

**16 Keeney's Rustless Golden Wax**—A strong grower; free from rust. Pods meaty and well filled, semi-round; rich yellow, fine quality, and entirely stringless, even when large enough to shell. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.50.**

**18 Prolific German Black Wax—Pencil Pod Strain**—Pods are long, fleshy, round, waxy yellow, solid and tender; very early. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.50.**

**23 Brittle Wax**—An extra early hardy variety, fine quality; long, round, meaty pods of rich golden yellow; immensely productive. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.50.**

**15 Currie's Rust-Proof Wax**—Pods long, flat, tender; early, productive. **Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bu., \$5.00.**

**13 Improved Golden Wax—Grennell's**. One of the best strains of Golden Wax. Hardy, prolific, of best quality; pods long, straight, thick, and vines very erect. **Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bu., \$5.50.**

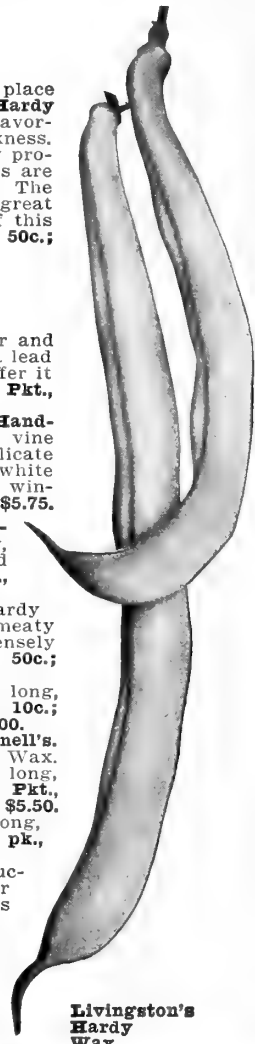
**12 Scarlet Flageolet Wax**—Pods long, flat. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.00.**

**14 Davis White Wax**—Very productive, white-seeded, rustless, string or snap variety. The dry white beans are good for cooking purposes. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.50.**

**17 Yosemite Mammoth Wax**—The monster wax pods are absolutely stringless, cooking tender and delicious. **Pkt., 10c.; ½ pt., 25c.; pt., 40c.; qt., 75c.; pk., \$2.50.**



Wardwell's  
Kidney  
Wax.



Livingston's  
Hardy  
Wax.



Livingston's Pencil Pod Wax.



Grown and Sold by

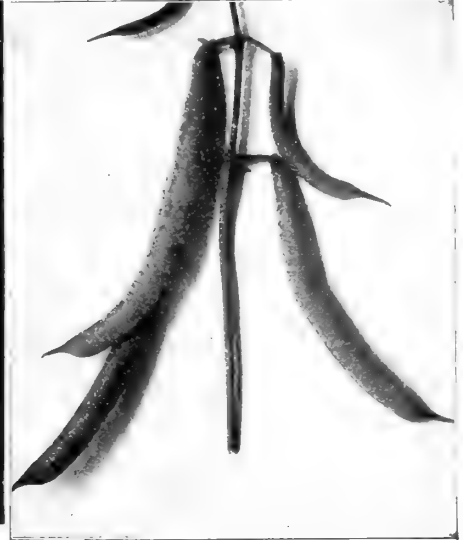
The Livingston Seed Co. Columbus Ohio



Bountiful.



Refugee or 1000 to 1.



Extra Early Round Pod Red Valentine.

## Green Podded Bush Beans

### 44 New Bountiful

(See illustration above.)

A new green pod Bush Bean, which comes into bearing very early and continues throughout the season. Pods beautiful rich green, very thick, broad, long and uniform; meaty, tender, fine quality; absolutely stringless. Good shell Bean for winter use. A splendid market variety. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bu., \$5.50.

### 38 Refugee or 1000 to 1

(See illustration above.)

Fine quality, medium late. Prolific. Nearly round. Our strain is extra fine. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.25.

40 Extra-Early Refugee—Hardy; an abundant bearer. Ten days earlier than Refugee or 1000 to 1. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.25.

37 Long Yellow Six Weeks—A fine early string Bean. Flat pods; light green color. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.10; bu., \$4.00.

43 Longfellow—A new extra early variety with perfectly round and uniformly straight pods; very fleshy, long, brittle and without strings while young; flavor delicious; plants very prolific. Pkt., 10c.; pt., 25c.; 1 qt., 40c.; pk., \$1.25; bu., \$4.50.

42 Full Measure—Bountiful yielding sort, with straight, round, brittle and stringless pods. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bu., \$5.50.

35 Black Valentine—Very hardy; resists unfavorable weather and disease. Long, straight, green pods of fair quality; enormously productive. Ready for market in 50 days from sowing. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.25.

36 Dwarf Horticultural—Speckled cranberry. Splendid for shell Beans. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50.

33 White Kidney, or Royal Dwarf—Pkt., 5c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

### 45 Burpee's Stringless Green Podded

One of the finest extra early Beans in cultivation and one that has held its place in spite of many new introductions for which superior qualities were claimed. It produces in profusion long, straight, round, deeply-saddlebacked pods early in the season. The pods are absolutely stringless at all stages of growth, brittle, tender and of real good flavor. Pkt., 10c.; pt., 30c.; qt., 50c., postpaid. By express, pk., \$1.60; bu., \$5.75.

46 Giant Stringless Green Pod—Has a much larger pod than B's Stringless, or about one-third larger than the Valentine—average 5 inches long. Full and fleshy, extremely crisp and absolutely stringless; very early and prolific. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$5.75.

47 Hodson "Green Podded"—Entirely unaffected by rust or blight; an exceptionally strong and robust grower; enormous yielder, often producing 50 to 60 pods to the plant. A little later than Refugee or 1000 to 1. Excellent shipping sort. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

41 Extra Early Round Pod Red Valentine—Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality; one of the most profitable sorts for market. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.50.

39 Livingston's Round Six Weeks—Extra early; strong grower and abundant cropper. Pods green, very fleshy, free from strings when young. Round and yellow when ripe. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.50.

31 Early Mohawk—Very early. Large flat, dark green pods. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.10; bu., \$4.00.

32 Improved Navy, or Boston Pea Bean—Very productive variety. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., \$1.10; bu., \$4.00.

34 White Marrow—Good green or dry. Standard soup bean. Pkt., 5c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.



Stringless Green Podded.



Extra Early Refugee.

# Catalog of "True Blue" Seeds

## Bush Lima Beans

These varieties are of true Bush or Dwarf form, growing but 18 to 20 inches high, without supports. About two weeks earlier than the Pole Lima Beans. Sure croppers. Abundant bearers until frost. Plant in rows 2 to 3 feet apart and a foot apart in the rows.

### Two Fine New Bush Lima Beans

**Carpenteria Pole Lima**  
(See p. 23.)

#### 60 Burpee-Improved Bush Lima

**Burpee-Improved** has uniformly larger pods than the best strain of Burpee's Bush Lima, while the pods contain more beans which are thicker and remain green even in the dry stage. The plants are very prolific, bearing beans in clusters of from 5 to 7. The individual pods average 5 to 6 inches long and contain from 5 to 7 beans.

**Burpee-Improved** Bush Lima will appeal to the man who values flavor. The beans are exceedingly thin-skinned and of delightful flavor. They almost "melt in your mouth," to use a popular expression. Try the Burpee-Improved this season—along with the Fordhook described alongside. We are sure you will be delighted with both.

Price, by mail, pkt., 10c.;  $\frac{1}{2}$  pt., 20c.; pt., 35c.; qt., 60c., postpaid. By express, qt., 50c.; peck, \$2.00; bu., \$7.50.

#### 61 Fordhook Bush Lima

**Fordhook Bush Lima** is entirely distinct in habit of growth. The stiffly erect bushes branch freely and bear tremendous crops. It is ready for use as early as the popular Burpee's Bush Lima, but the beans are much plumper and remain green much longer.

**Fordhook Bush Lima** is an exceedingly handsome bean and therefore a ready seller. The shelled beans are very fat, are closely packed in the pods, which shell very easily. Pods are borne in clusters of from 4 to 6, average 4 to 5 inches long and contain usually 4 tender and juicy beans, which are of a delightful flavor.

Price, by mail, pkt., 10c.;  $\frac{1}{2}$  pt., 20c.; pt., 35c.; qt., 60c., postpaid. By express, qt., 50c.; peck, \$2.25; bu., \$8.00.

#### 59 New Wonder (Quarter Century) Bush Lima

Pods about the same as Burpee's Bush Lima; beans slightly smaller; a few days earlier and fully as productive. A sure cropper. Very true to bush form. An immense yielder. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.50.

**58 Burpee's Bush Lima**—Bushes are of stout growth, branching so vigorously that each plant makes a large bush. Immense yielder of well-filled pods of large beans of luscious flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.50.

**57 Henderson's Bush Lima**—Compact bush form, and produces large crops. Delicious flavor. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.25.

**56 Thorburn, or Dreer's Bush Lima**—Very productive; thick, sweet, tender, succulent. A fine sort. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.50.

## Frijoles Pole or Running Beans Stangenbohnen

The Pole or Running varieties are tender and should be sown two weeks later than Bush Beans. They succeed best in sandy loam, which should be liberally enriched with manure. Form hills, 3 to 4 feet apart; plant six to ten beans in a hill, 2 inches deep, leaving space in center for the pole. When well started, they should be thinned to from four to six plants in a hill. One quart will make 100 to 200 hills, according to size of the beans. 8 to 12 quarts will plant an acre.

#### 65 Kentucky Wonder, or Old Homestead

(See illustration below.) An old favorite, with long, fleshy, deeply saddle-backed pods. Very prolific, producing an abundance of fine, stringless, crisp beans until late in the season. Of best quality. Pkt., 10c.;  $\frac{1}{2}$  pt., 20c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.50.

**66 White Creaseback (Fat Horse)**—Very early, productive; round, meaty pods, entirely stringless. A very fine variety for snap beans or winter use; dry beans are pure white. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 50c.;  $\frac{1}{2}$  pk., 80c.; pk., \$1.50; bu., \$5.50.

**67 Lazy Wife's**—Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a snap bean; a good white shell bean for winter. One of the very finest flavored. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$1.75; bu., \$6.00.

**68 White Dutch Case-Knife**—Grown for green or shell beans. Crop very short. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.00.

#### 70 Powell's Prolific

Most desirable green-podded Snap Bean. Bears profusely, quite early, and continues until frost; very tender and palatable. A very strong grower, one plant filling a pole with a mass of vines densely loaded with handsome Beans. The round green pods average 8 or 9 beans to the pod, very uniform, about 6 inches long; perfectly stringless, very thick meated. Pkt., 10c.;  $\frac{1}{2}$  pt., 25c.; pt., 40c.; qt., 75c.

**71 Speckled Cranberry**—Old "Bird Egg." Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., 85c.; pk., \$1.60; bu., \$5.75.

**72 Red Speckled Cut-Short**—"Corn Hill." Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.00.

**73 Early Golden Cluster Wax**—A splendid snap-bean. Vines strong and hardy; very early, and continues bearing until frost. Beans are golden yellow, stringless and tender. Crop is very short. Pkt., 15c.;  $\frac{1}{2}$  pt., 25c.; pt., 45c.; qt., 75c.;  $\frac{1}{2}$  pk., \$1.60; pk., \$2.75.



Kentucky Wonder, or Old Homestead.



**Leviathan Pole Lima.**  
A fine new prolific, extra-early sort.



## 69 Livingston's Royal Corn

(See illustration)

This is a remarkably fine green-podded snap pole bean; the splendid pods are produced in large clusters or handfuls; shape long, six to eight inches, semi-round; stringless, very tender and delicious. The dry seed is pure white, and resembles that of the Dwarf White Kidney Bean.

Livingston's Royal Corn Pole Bean will produce twice as many string beans from the same ground as any of the bush kinds. Grows in clusters; takes but a very short time to gather a bushel, and no stooping is required, as with the bush beans. Beans can be shelled green for Summer Market, or left to ripen for dry beans for Winter use. Especially adapted for growing on corn, thus economizing space on valuable land, or where poles are scarce. **Crop very short owing to unfavorable weather conditions at harvest time. Pkt., 10c.; 1/2 pt., 25c.; pt., 40c.; qt., 75c., postpaid.**



## Pole Lima Beans

Lima Beans will not grow until the weather and ground are warm. If planted before, they are almost sure to rot in the ground. See cultural directions for Pole Beans.

### 82 Early Leviathan Pole Lima Bean

(See illustration)

One week earlier than any other Pole Lima. Of superior quality. Wonderfully productive

The ideal Pole Lima. This delicious vegetable is denied to many would-be growers on account of the length of season required to mature it, the early frost coming on just as the crop is ready to pick. This sort is at least a week earlier than any other, consequently it will prove a boon to thousands of growers. Earliness is often obtained at the sacrifice of other valuable features, but in this variety we claim superiority, not only in this respect, but in size of bean and pod and enormous productivity. **Pkt., 10c.; pt., 30c.; qt., 50c.; 1/2 pk., \$1.00; pk., \$1.75; bu., \$6.50.**

### 79 Siebert's Early Lima

(See illustration below)

One of the very best for market gardeners. The result of a number of years' selecting to largest green beans and easily opening pods. Very productive, hardy and vigorous. Produces pods early, and continues to the last of the season. The green beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the larger White Lima. **Pkt., 10c.; pt., 30c.; qt., 50c.; 1/2 pk., \$1.00; pk., \$1.75; bu., \$6.00.**

### 78 King of the Garden

Vigorous grower, pods containing five to six large beans, which are of fine quality. The vines grow strong and yield heavily. A very fine variety. **Pkt., 10c.; pt., 30c.; qt., 50c.; 1/2 pk., \$1.00; pk., \$1.75; bu., \$6.25.**

### 77 Large White

The old favorite for home use or the market. Pods and beans very large. **Pkt., 10c.; 1/2 pt., 15c.; pt., 25c.; qt., 45c.; 1/2 pk., 90c.; pk., \$1.65; bu., \$6.00.**

### 80 Dreer's Improved

Beans thick, sweet and tender. Especially good for the home garden. Enormously productive. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.50.**

### 81 Sieva, or Small Lima

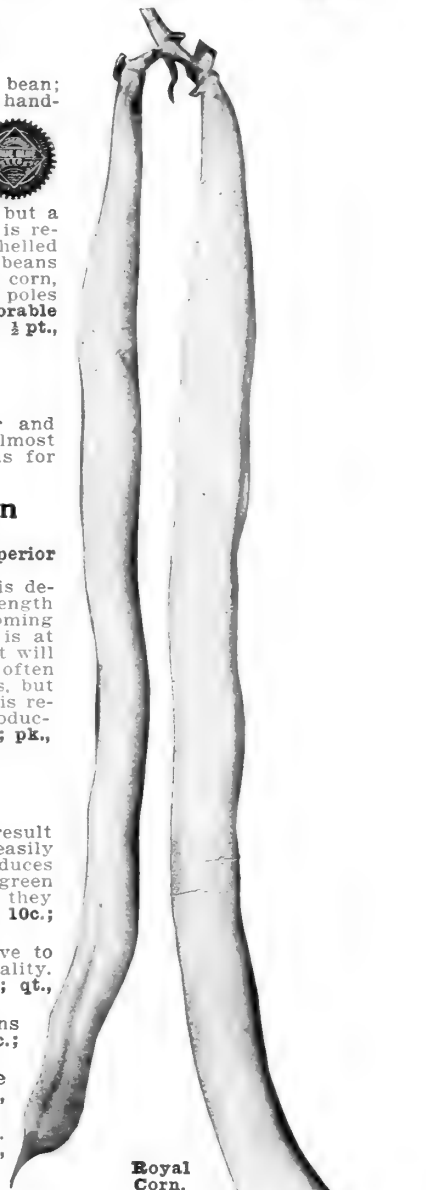
Early, and the small beans are of luscious flavor. Fine sort for the kitchen garden. **Pkt., 10c.; 1/2 pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.25.**

### 83 Carpenteria Large Green-Seeded Pole Lima

(See illustration of pod, page 22.) An excellent new variety with many unique characteristics. The original "sport" plant was discovered in a field of the "Burpee-Improved" BUSH Lima, from which the Carpenteria Green-Seeded Pole Lima inherits many good points. Vines are of strong, vigorous growth, setting many pods which are closely filled with large,

fat beans, much thicker than those of the ordinary Pole Limas. Pods contain 3 to 4 beans, which retain the green tint in the dry state to a greater extent than any other Lima Bean—a sure indication of fine quality.

**Pkt., 10c.; pt., 35c.; qt., 60c., postpaid. By express, qt., 50c.; 4 qts., \$1.25; pk., \$2.25; bu., \$8.00.**



Royal Corn.



Siebert's Early Pole Lima Beans.



# Catalog of True Blue Seeds



Selecting Planting Stock of Crosby's Egyptian Beets on the "True Blue" Farms Early in the Spring.

## Remolachas Garden Beets for Table Use Rote Rüben

The soil best suited for the culture of the Beet is that which is rather light, provided it is thoroughly mixed with manure. If wanted very early, sow in hotbeds and transplant; but for main crop sow in the spring, as soon as the ground becomes fit to work, in drills 18 inches apart, 1 inch deep. For winter use, the Turnip varieties may be sown as late as June and the seed covered two inches. When the plants are 3 or 4 inches in height, thin out so that they stand 3 or 4 inches apart. Keep free from weeds by frequent hoeing and hand-weeding if necessary. Before freezing weather sets in the roots may be stored in cellars or pits, same as potatoes; dry earth thrown over them before the straw is put on insures their keeping over winter. Do not bruise them in handling. One ounce of seed will sow 50 feet of drill; 5 to 6 pounds to the acre.

## 90 Crosby's Improved Egyptian Beet A Money-Maker for Market Men

A very superior Beet, carefully selected for years by Mr. Crosby, a noted gardener for the Boston markets, whose aim was to secure a perfect outdoor forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well, even in the early stages of its growth, on which account it is preferred for forcing to the Globe and Half-Long varieties. May be sown outside as late as July. We have made a very fine selection of this stock for years, and we believe have it nearer the Original Crosby idea than anyone in the trade.

90 Crosby's Improved Egyptian—Extra Selected Stock. Grown by ourselves. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.

## 99 Detroit Dark Red Turnip

This superb variety is probably the most popular deep red turnip Beet, not only for market gardeners, but for home use. It is also one of the best for canning, making a strikingly handsome product, far superior to that obtained from any other variety. Its small top, early maturing and splendid shape and color have made it a favorite. Top small, upright growing, so that the rows may be close together; leaf stem and veins dark red, blade green; root globular and very smooth (see illustration); color of skin dark blood red; flesh deep bright red, zoned with a darker shade, very crisp, tender and sweet, remaining so for a long time. Very uniform in shape, color and quality. Pkt., 5c.; oz., 15c.; 1 lb., 35c.; lb., \$1.25.

86 Early Bassano—A very early variety of Beet of high table excellence. It has white and rose-colored flesh arranged in alternate rings. It is tender, juicy and sweet. Also one of the finest sorts to grow for greens. Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 50c.

87 Extra-Early Egyptian—Very early, dark blood red, medium size, tender and sweet; the best for kitchen gardens. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., 90c.

88 Extra-Early Eclipse—Is very early, and lasts well throughout the season. Handsome, smooth, dark, globe-shaped Beet; quality very desirable; good Beet for private gardens. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 85c.

89 Edmand's Blood Turnip—Very uniform. Root is always smooth, round and handsome; top small; of good marketable size and among the best for table use. Color dark red; crisp, tender and sweet; good keeper. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 85c.

93 Dewing's Improved Blood Turnip—The leading main crop variety. Roots always smooth, handsome, good size, tender and sweet. An enormous cropper. A favorite with marketmen. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 85c.

96 Half-Long Blood Red—Of handsome shape, fine quality, quick growth; good for winter use if planted late. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 65c.



Detroit Dark Red.



Crosby's Egyptian.





Grown and Sold by

The Livingston Seed Co.

Columbus Ohio



Beets—Continued

98 Crimson Globe

(See illustration.)

Root of medium size, very handsome globe shape, and has a remarkably smooth surface. Both the skin and flesh are deep, rich red, fine grained, sweet and tender in all stages of growth. Small tap root; leaves are small, dark green. Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.

92 Lentz's Extra-Early Blood Turnip—A great favorite with market gardeners around New York and Philadelphia. Of a rapid growth; fine form, exceedingly sweet and delicious. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 85c.

94 Bastian's Early Turnip—The largest of the turnip-shaped Beets. Tender and sweet; is somewhat lighter in color than other sorts. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c.

95 Arlington's Favorite—Of fine form, good flavor; deep blood red flesh; small foliage. For the market garden hard to excel. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c.

97 Long Dark Blood Red—A good keeper of good size; flesh dark blood red. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 65c.

105 Swiss Chard or Spinach Beet

A peculiar variety of

Beet, of which the leaves only are used. It does not make a large root, but the leaves are splendid "greens" when cut

young, and are equally delicious when allowed to mature. The broad, white leaf-stalks or mid-ribs are cooked and served like Asparagus. Produces continually from July until fall. Can be had throughout the summer when Spinach cannot be grown. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 60c.

Crimson Globe Beets.



Lucullus Swiss Chard.

106 Swiss Chard or Spinach Beet, Lucullus

The plants grow from 2 to 2 1/2 feet tall and consist, when fully developed, of about a dozen creamy white, attractively curled leaves. These leaves are carried on broad, thick stalks, about 12 inches long. Take the leafy portion of the plant and cook it like Spinach. Prepare the stalks as you would Asparagus. Pkt., 5c.; oz., 15c.; 1/2 lb., 35c.; lb., \$1.00, postpaid.

The Five Best Sugar Beets

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a large amount of sugar. They are excellent for feeding cows, improving wonderfully the quantity and quality of the milk.

112 Vilmorin's Improved White

Of medium size and brought by careful selection to the highest perfection, both in shape and color of roots. Greatly esteemed by sugar manufacturers, and one of the finest for stock feeding, owing to the high percentage of sugar. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 45c. By express, lb., 35c.

109 Lane's Imperial—Especially good for stock feeding. Large, smooth, fine grained and very sweet. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 40c. By express, lb., 30c.; 4 lbs., \$1.00.

111 French Red Top—Extensively grown in France. Ripens early; yields large returns in sugar per acre; heavy cropper. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 35c. By express, lb., 25c.; 5 lbs., \$1.15.

110 Klein-Wanzleben—This splendid Sugar Beet is one of the greatest milk-producing roots known; in shape it is conical, straight and even, quite large at the head and rapidly tapering. While the yield is perhaps not quite equal to the largest Mangels, yet the feeding value is so far superior that every stock raiser should plant liberally of this fine sort. Contains the greatest amount of sugar of any. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 45c. By express, lb., 35c.; 5 lbs., \$1.50.

120 Giant White Half-Sugar—Yields nearly as much per acre as Mangel Wurzels, and the roots are of much higher nutritive value. Roots greenish white, grow partly out of ground and are easily harvested. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c. By express, lb., 40c.

122 Giant Half-Sugar, Rose—Identical with preceding, except in color, which is an attractive rose, fainter toward tip of root. Price same as for No. 120.

Mangel-Wurzels

Remolachas forrajeras

Futter Rubeen

An ever-increasing acreage is being planted to stock beets because of the wonderful results from feeding them. Fattening, breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Sow in rows 2 1/2 to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 1/2 inches, making ground firm over the seed. When 4 inches high, thin to 8 inches apart. Six pounds sow one acre.

Note: Crops of Mangel-Wurzels are again very short this year. Better order soon and make sure of seed needed.

119 Mammoth Long Red, also called Norbiton Giant, Jumbo Mangel, Colossal, etc.—A favorite with the farmer and dairyman; large, well-formed; blood red color; very nutritious; a big cropper. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 50c. By express, not paid, lb., 40c.; 10 lbs., \$3.75.

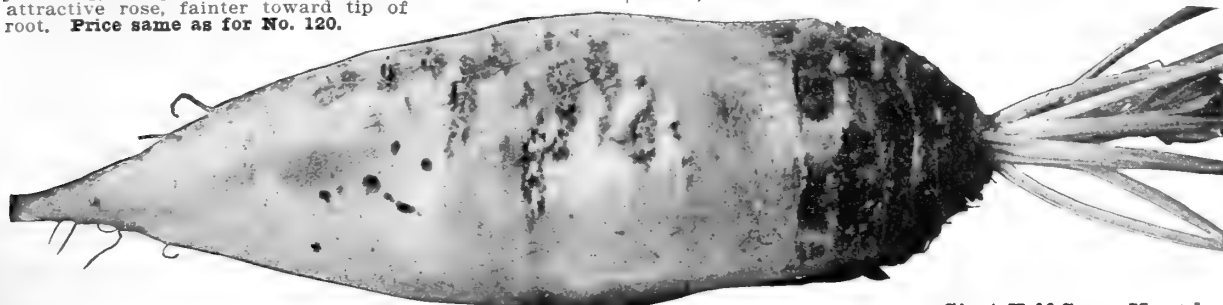
117 Golden Tankard—Very productive and sweet; flesh yellow, tops and neck very small; easily pulled. Especially relished by sheep and cows. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c. By express, lb., 40c.

121 Champion Yellow, or Orange Globe—Very productive; easily pulled; fine keeper; spherical shape; orange-yellow. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 50c. By express, lb., 40c.; 5 lbs., \$1.75.

116 Colden Giant Intermediate (Yellow Leviathan, or Mammoth Yellow)—Beautiful russet-yellow; skin smooth; flesh white, firm, sweet; productive; easily pulled; good keeper. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 50c. By express, lb., 45c.

118 Red Globe—Similar to Champion Yellow except color. Pkt., 5c.; oz., 10c.; 1/2 lb., 15c.; lb., 45c. By express, lb., 35c.; 5 lbs., \$1.50.

Special Prices Given on Mangel-Wurzels, or Sugar Beets, in 100-lb. Lots.



Giant Half-Sugar Mangel.

# Catalog of "True Blue" Seeds

## Bróculi Broccoli Spargelkohl

This plant is very closely allied to the Cauliflower, the variation being very slight. It is generally considered rather more hardy, however. In growing Broccoli, a seed bed should be prepared and the seed sown in May. The plants will be ready to transplant late in June or early in July, and should be set in very rich, mellow ground, in rows about 2½ feet apart, leaving 18 inches between the plants. In cool, moist fall weather it thrives well.

**127 Early Large White**—Heads medium size, close and compact. One of the most certain to head. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00.

**128 Early Purple Cape**—Rather hardier sort; greenish purple heads; good flavor. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00.

## Cól de Bruselas Brussels Sprouts Rosenkohl

A species of the Cabbage family, which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seed should be sown about the middle of May, in a seed bed, and the plants afterwards set in rows 2 feet or more apart, and cultivated like Cabbage. This vegetable does not require extremely high cultivation, however. It is ready for use late in autumn after the early frosts.

**131 Improved Dwarf**—Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**New Pride of Denmark Brussels Sprouts**, as illustrated alongside, is fully described on page 5. **Borecole, or Kale**—See Kale, page 39.

## Livingston's High-Bred Cabbage Seed

Col repollo

Cabbage requires deep, rich, mellow soil, high manuring and good culture to obtain fine, solid heads. For early use, sow seeds of the early kinds in the hotbeds or in a box in the house the last of January or early in February; transplant into the open ground in April, in rows 2 feet apart and 18 inches in the row; or sow a bed of seed outside as soon as the soil can be worked. Transplant in about four weeks. For second early Cabbage, sow in April and transplant in May. For late Cabbage, sow in May and transplant in July in rows 3 feet apart and 2 feet in the row. In transplanting, it is important that plants be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir soil deeply. As they advance in growth draw a little earth to the plants until they begin to head. To prevent attacks of the cabbage fly on small plants, dust thoroughly with plaster, air-slacked lime or wood ashes. For cabbage worm, try Hammond's Slug Shot. **One ounce of seed produces about 2500 plants. Four ounces will grow enough plants to set an acre.**

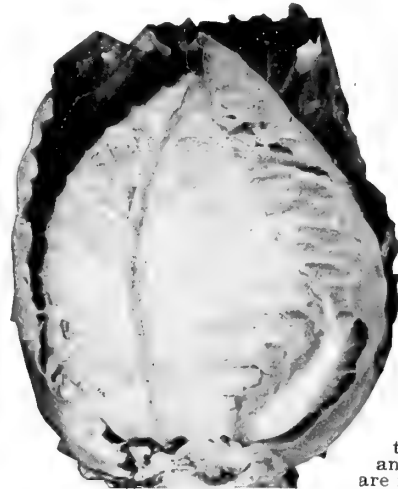
Weisskraut



Pride of Denmark  
Brussel Sprouts

Earliest  
Pointed-Headed  
Sorts

135 Early  
Jersey  
Wakefield



Jersey Wakefield.

Many market gardeners consider this the very best Early Cabbage in cultivation. Certainly deserving of its great popularity. Grown extensively for market and shipping. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop. Pyramidal in shape, having a blunted or rounded peak; very solid, fine texture and sweet. **The seed we offer is first class, sure to give satisfaction. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

137 Large Charleston Wakefield

A selection from Early Jersey Wakefield, only it is about one week later than that popular early variety and grows much larger heads often averaging 8 to 10 lbs. As solid as Early Winingstadt. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.

136 Early Winingstadt

(The Old Standby)—Well-known and popular Cabbage. In season very close to Early Jersey Wakefield. Heads large, decidedly conical. Solid, even in summer; almost worm-proof, because so hard. A very sure header. Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.

138 Extra Early Express

While not quite so large as the Early Jersey Wakefield, it is several days earlier, and for a first early variety is not excelled. It has compact heads of conical form and yellowish green color; very dwarf and uniform. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.



Charleston  
Wakefield.



Grown and Sold by

The Livingston Seed Co. Columbus Ohio



## Early Flat or Round-Headed Varieties

### 141 All-Head Early

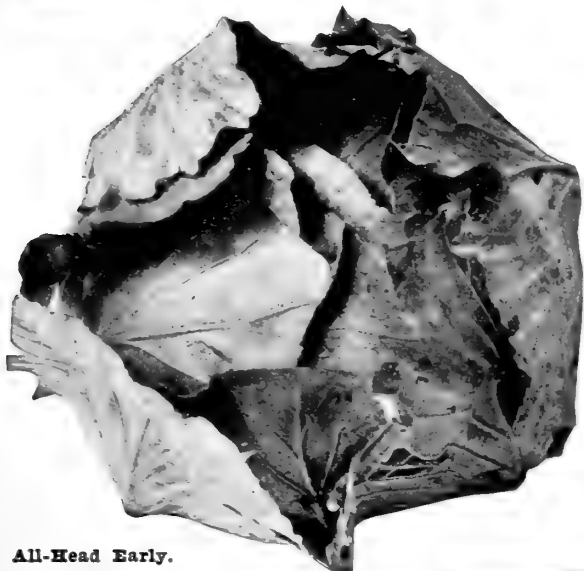
(See illustration)

A thoroughbred sort of remarkably uniform size and shape and sure heading qualities. Deep, flat heads, solid and uniform in color, shape and size. In tenderness unsurpassed. For winter use, sow in July. By reason of its compactness, 1000 more heads can be obtained from an acre than of many other good-sized varieties. **Pkt., 5c.; ½ oz., 20c.; oz., 35c.; 1 lb., \$1.00; 1b., \$3.00.**

### 145 Glory of Enkhousen

(See illustration of head grown in our trial grounds)

Glory of Enkhousen Cabbage will produce double the crop of any other early variety. It is very early and large, always extremely solid and fine ribbed—more so than any other kind. Once known, it will hold its own with the market gardeners and home growers alike. In our judgment it excels in flavor all varieties known to us. It is exceedingly tender, fine grained and as a cropper no early Cabbage will approach it. Our True Blue Trial Ground tests of the Glory of Enkhousen Cabbage the past seasons resulted in verifying all of the above claims. It was planted side by side with Early Jersey Wakefield, under the same conditions, and the former produced heads of marketable size five to six days earlier, and in size fully double that of the Early Jersey Wakefield. The Glory of Enkhousen Cabbage was more solid and better flavored and kept in fine condition much longer. It is very dwarf and compact, allowing of close planting. Heads fine, ball-shaped, and with few outside leaves. Size ideal for marketing. It is entirely uniform, every plant in our trial producing a good head. An extra good cropper on account of extra size over many other first early sorts. **Pkt., 5c.; ½ oz., 20c.; oz., 35c.; 1 lb., \$1.00; 1b., \$3.00.**



All-Head Early.

### Splendid New Cabbage 143 The Volga

(See illustration)

The veteran Cabbage specialist, C. L. Allen, says of the New Volga Cabbage (sent out by us a few years ago as No. 20): "This new Russian variety is of the greatest uniformity. In a field of several acres frequently not a single plant shows any variation from a true and valuable type. In some respects it is a vegetable wonder, as the heads are about equal in size and shape, weighing from 12 to 15 pounds each, round as a ball, the largest measuring about 12 inches in diameter either way. Unlike most varieties, the heads are perfectly solid, and the stem does not run up into the head; the flesh is exceedingly firm, tender and white. In respect to hardiness, we have never seen a type which would favorably compare." This type will mature its heads fully two weeks earlier than any of our late-growing kinds. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; 1 lb., 75c.; 1b., \$2.50.**



Glory of Enkhousen Cabbage.

### 142 Eureka First-Early

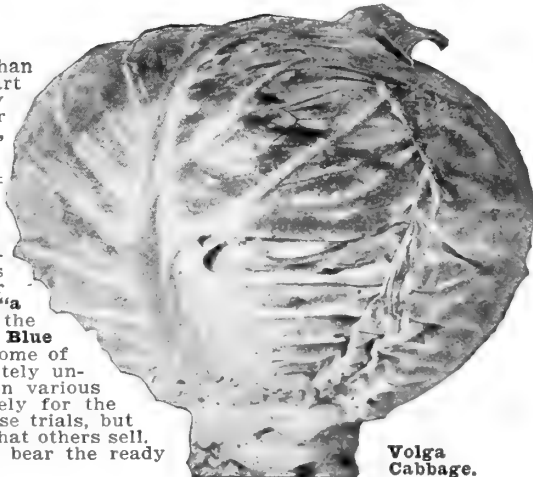
In comparison with Early Jersey Wakefield, Eureka First Early is heavier, hardier, earlier and in addition has a flat head; our many trials of this variety proved it to be true. Forms heads fit for market 5 days earlier than Early Jersey Wakefield. Its shape and excellent table qualities make it a favorite with consumers. **Pkt., 5c.; ½ oz., 20c.; oz., 30c.; 1 lb., 85c.; 1b., \$3.25.**

### A Grand New Cabbage

from Denmark is fully described and illustrated on page 5. **Copenhagen Market Cabbage** bids fair to surpass all other early round-headed sorts in earliness, uniformity of heads and quality. Be sure to give this excellent new sort a thorough trial.

### 144 Early Spring

As early as Early Jersey Wakefield. Will yield one-third more than any other extra-early Cabbage on same area. Plant 21 inches apart and you have 13,000 per acre. Has the peculiarity of heading firmly even before fully grown. Also flat-headed, making it valuable for extra-early market or home use. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; 1 lb., 75c.; 1b., \$2.50.**

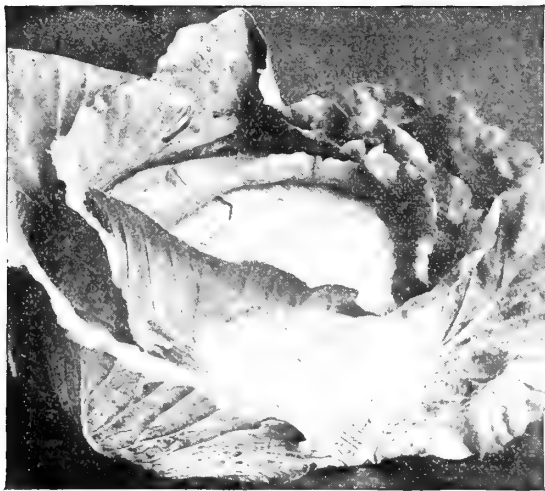


Volga Cabbage.

## Buying Seeds

is and always will be a matter of confidence. Even the most experienced planter cannot tell from a mere examination of the seeds whether they are of strong vitality and produce the desired crops or whether they are the veriest rubbish. In no other business does "a man's word" count as much as in the seed business. Thousands of the most critical planters in this country take our word for it that "True Blue Seeds" are the best money can buy, and the results obtained with some of our specialties, particularly with Tomatoes and Onions, are absolutely unequalled. In our Trial Grounds, pictures of which will be found on various pages of this Catalog, we make extensive comparative trials, solely for the purpose of protecting our customers. No seeds are saved from these trials, but they offer us the best chance to learn just what we are selling and what others sell. From the time these trials are sown to the time when the plants bear the ready product, careful notes are made and these records are our guide.

# Catalog of "True Blue" Seeds



Ideal Winter Cabbage.

## Early Flat or Round-Headed Sorts—Continued.

**146 Henderson's Early Summer**—About 10 days later than the Early Jersey Wakefield, but, being fully double the size, it may be classed with the best large Early Cabbages, and is deservedly popular with market gardeners. Equal in weight to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Early Jersey Wakefield. Keeps a long time without bursting. Heads round, not pointed. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.**

**147 Fottler's Short-Stem Brunswick**—Rapid grower; large, solid heads and few outside leaves; planted early, it is ready for use in July; planted late, it is a choice winter sort. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.**

## 148 All-Season (Vandergaw)

A greatly improved strain of Early Dwarf Flat Dutch. Heads very large, round, solid and of fine quality, keeping as well as the winter sorts. Remarkable for its ability to stand the hot sun and dry weather. One of the very best for general cultivation, and none better for late planting. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.**

## Late Cabbages for Fall and Winter Use

### 152 Livingston's Ideal Winter

(See illustration.)

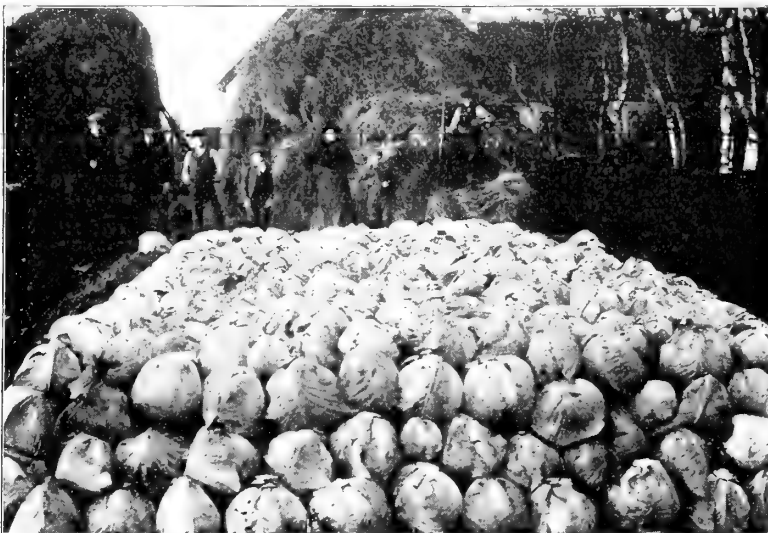
A few days earlier than Livingston's Premium Flat Dutch, and one of the most magnificent strains of Late Flat Dutch known today. By persistent selection, year after year, it has been brought to a state of perfection rarely attained. The large, solid heads, the low, short stems, the absence of useless foliage, uniformity of size and shape, reliability for heading, and long-continued selection mentioned above, all combine to make this the **Ideal Cabbage for profit.** **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

### 153 Danish Ball-Head

Hard as a Rock  
Heavy as Lead

#### Greatest Weight in smallest space

This splendid variety is well known for its remarkable solidity and grand keeping qualities. So great has been the demand among the users of Cabbage for this fine-grained sort as to render its importation from Denmark a most profitable enterprise for the vegetable dealer. The heads are very heavy and superb in quality. The extra weight, in limited space, will be appreciated by those who grow for distant markets, ship in car loads and sell by weight. This variety has been sold under a number of different names, such as "Hollander," "German Export," "Dutch Winter," etc., but the correct name is "**Danish Ballhead.**" Our illustration above shows a scene from the grounds of our grower in Denmark. Note the beautiful heads, their regular shape and elegant appearance after being stored in this pit all winter. We sell the seeds produced from heads like these. **Pkt., 5c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$2.75.**



Danish Ballhead in Winter Storage with Our Danish Grower.

### 151 Livingston's Premium Flat Dutch

Years ago we set out to build up a strain of Large Late Flat Dutch Cabbage that would be better than any other on the market, and now we have it in our **Livingston's Premium Flat Dutch.** Our purpose has been to weed out every objectionable point, and to fix firmly every good quality. It produces many tons to the acre, because of its solidity and compact, snug manner of growth. Unlike most large sorts, it is solid to the heart. Our stock seed is always grown from heads (not from stalks after the heads are taken off), fully developed and perfect in every respect. This strain has no superior. **The heads are large and very solid; open white, are crisp and tender, and sure to head.** (See illustration.) Grown largely by marketmen on account of its good shipping qualities. **Pkt., 5c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$2.75.**



Premium Flat Dutch.

**E. W. McWhirk, of Missoula Co., Mont., writes as follows:** "I am selling Danish Ball Head Cabbage raised from your seed at \$2.50 per 100 lb. this winter and spring."

**E. C. Lonneseberg, Wayne Co., Mich., writes, Nov. 12th:** "You will be interested to know that I am using Livingston's Crispas-Ice Lettuce now from my open garden, when all other varieties are frozen and gone."





**Late Cabbages—Continued**

**155 Surehead**

Very reliable header; large, round, flattened heads, and is remarkable for its certainty to head; good keeper and shipper. It is very sweet flavored, has but few loose leaves, keeps well, and, as a Cabbage for the kitchen garden, is unequalled. **Pkt., 5c.; oz., 25c.; 1 lb., 75c.; lb., \$2.50.**

**163 Autumn King or World Beater**

One of the finest strains of late Cabbage. It produces regular, even heads of enormous size; a great cropper on account of few outside leaves. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**157 Chase's Excelsior**—Medium early; heads large, very uniform in type; sure to head, and exceedingly solid. Planted late, it is one of the best winter sorts. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 60c.; lb., \$2.00.**

**154 Early Dwarf Flat Dutch**—Excellent second early variety, producing fine, large heads. Highly valued for its fine quality and ability to resist heat. Heads very solid, broad, round, flattened on top, tender and fine-grained. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 60c.; lb., \$2.00.**

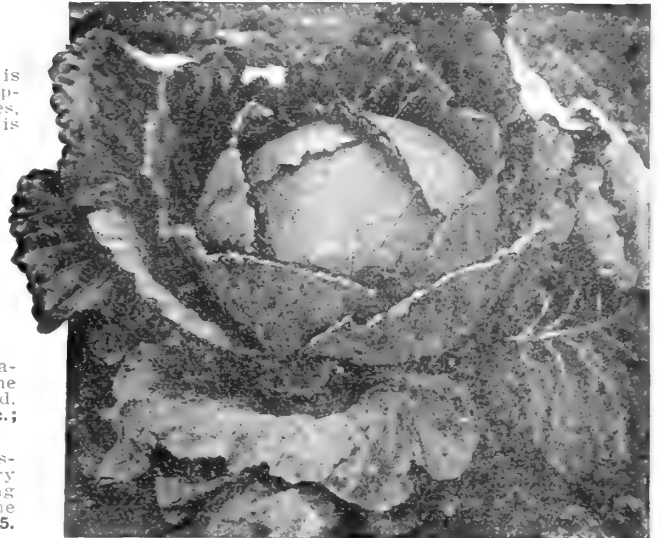
**156 Louisville Drumhead**—About Cincinnati and Louisville it has been grown for more than 40 years. Heads very large and solid; a sure header; will stand without bursting almost the entire summer. For winter use, sow late in the season. **Pkt., 5c.; 1/2 oz., 10c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**158 Succession**—About one week later than the Henderson's Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. A very sure header. **Pkt., 5c.; 1/2 oz., 20c.; oz., 35c.; 1 lb., \$1.00; lb., \$3.00.**

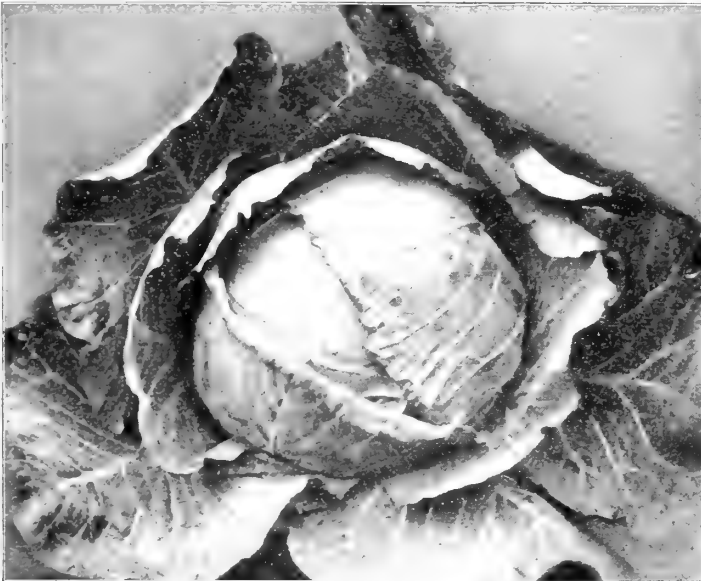
**160 Large Late Flat Dutch**—Grows to large size; flat, solid heads; a sure header; good keeper and shipper; second only to our Livingston's Premium Flat Dutch. **Pkt., 5c.; oz., 25c.; 1 lb., 65c.; lb., \$2.50.**

**161 Large American Drumhead**—A superior fall and winter variety; large heads. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**162 Marblehead Mammoth**—The largest variety of Cabbage ever produced. A very desirable variety for warm latitudes; also to grow for prizes, exhibition at fairs, etc. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 65c.; lb., \$2.50.**



**Autumn King, or World Beater.**



**Red Cabbages**

**Repollo colorado**  
Rotkraut.

**170 Extra Early Blood Red Erfurt**—Earliest and reddest. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**171 Mammoth Rock Red**—Heads as large as Large Late Flat Dutch; deep red to center. Highly recommended. Hard as a rock. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 60c.; lb., \$2.00.**

**A Fine New Red Cabbage From Denmark**

is offered on page 5. "Danish Ironball" is a distinct improvement over other standard sorts and should be tried by all who like Red Cabbage. We recommend it as the best variety that has come to our notice in many years.

**Surehead.**

**Col de Milan Savoy Cabbages Wirsingkohl**

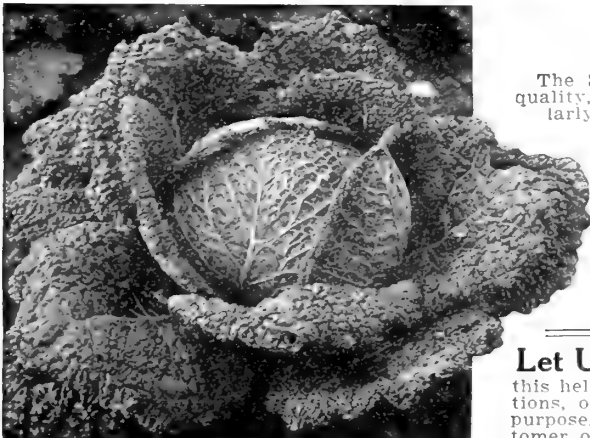
The Savoy or Curly Cabbages are of exceptionally fine flavor and quality, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Most delicious after frost.

**174 Small Early Savoy**

Best early dwarf Savoy; heads firm, solid, beautifully crimped; finest quality. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 60c.; lb., \$2.00.**

**175 Improved American Savoy**

Superior to the ordinary Drumhead Savoy offered under different names. Heads large and finely curled; short stalk; a compact grower; sure header; keeps well. Best for main crop. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 60c.; lb., \$2.00.**

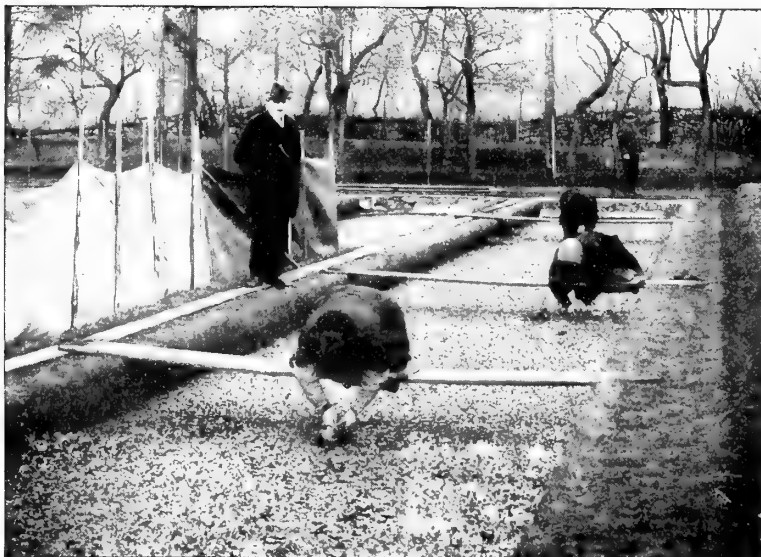


**Improved American Savoy Cabbage.**

**Let Us Help You!** We want every customer to feel that it is OUR business to help HIS business. Whether this help comes in the form of pedigree seeds or through culture directions, or through advice given by correspondence—all have the same purpose. Business deals with us must in every case satisfy the customer or we want to know it. "To err is human" and mistakes may happen in spite of all precaution. We consider those, who give us a chance to do the right thing at all times, the true friends of our business.



# Catalog of "True Blue" Seeds



Water Cress.

## Water Cress

Berro de fuente Brunnenkresse

Well-known hardy perennial aquatic plant. Is easily grown along margins of ponds and streams, where it increases both by spreading of roots and seeding. Has a pleasant pungent flavor. Illustration above shows a scene of harvesting Watercress in midwinter at the home of Watercress, Erfurt, Germany. The warm springs, which feed the canals in which the cress is raised on a large scale, never freeze. Carloads of cress are shipped throughout the winter and bring fancy prices. Growing Watercress should prove a profitable enterprise where the conditions are favorable.

282 Water Cress—Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.

## Zanahorias Carrots Möhren

Carrots are not appreciated as they should be. Their table qualities are excellent, and as a food for stock they are surpassed by few root crops. The larger varieties produce large crops and are relished by all kinds of stock. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk and imparting a beautiful golden yellow to the butter. We urge a more general use of the Carrot among our customers, knowing its great value will be appreciated when better known. Like other root crops, it flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before so much the better. Sow in early spring in drills 15 to 18 inches apart, finally thinning the plants to 3 or 4 inches. If sown early or on a moist soil, a half-inch is deep enough to cover the seed. The seed is slow to germinate. Keep clean by frequent hoeing and weeding. If neglected, the young plants are easily smothered, and the crop is lost. One ounce sows 100 feet of drill. 4 pounds sow one acre.

## 180 Improved Danvers Half-Long

(See illustration from our own photo)

The best for general crop. Will yield the most per acre. Most profitable for market gardeners; stump-rooted. This variety originated in Danvers, Mass., where the raising of Carrots is made a special business, 20 to 30 tons per acre being no unusual crop. It is now grown largely everywhere on account of its great productiveness and adaptability to all classes of soils. Tops medium size, roots deep orange, large but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh; sweet, crisp and tender. Although of medium length, it gives the largest yield per acre of any Carrot. We take extra pains in the selection of our seed stock. It is second to none. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.

## 181 Improved Long Orange

(Pointed-Rooted)

The standard late variety; very handsome and uniform in shape; roots are of a deep orange color; good flavor; yields very heavily. Requires a deep soil. Plants should stand 6 inches apart in 18-inch drills for roots to attain their full size. The roots are smooth, fine-grained and very large, growing to 12 inches in length and 3 inches in diameter. For feeding milch cows it is very valuable, as it increases the flow of milk and imparts to the butter a rich golden hue. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.

## Collards

A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; excellent for greens.

235 True Southern, or Georgia—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## Corn Salad or Fetticus

Macha ó Valerianilla Rabinschen

A vegetable used as a salad. Sow the first opening of spring in rows 1 foot apart, and it is fit for use in six or eight weeks. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames covered with straw mats or shutters, and used any time during the winter.

238 Large Leaved—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

Chas. H. Thompson, Brownstown, Ind., writes: "Please send me your new Seed Annual. I received my seeds last year from you and will again this year and the next, and every year I need seeds order them from The Livingston Seed Co.

"I am about the only one around here that uses them, but there will soon be others, on account of my grand success last summer with vegetables grown from "True Blue" seeds. I planted two packets of the large Wethersfield Onion and raised two large tubs full off of them.

## Berro Cress or Pepper-Grass Kresse

A well-known pungent salad; can be used alone or with lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

280 Extra Curled (Pepper-Grass)—May be cut two or three times. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

281 Upland Cress—This is a hardy perennial; stays green nearly the whole year; ready for use in the spring before any other salad. Eaten like Lettuce or boiled like Spinach. Sow in April in rows 1 foot apart. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.



Danvers Half-Long—the best all-round sort.

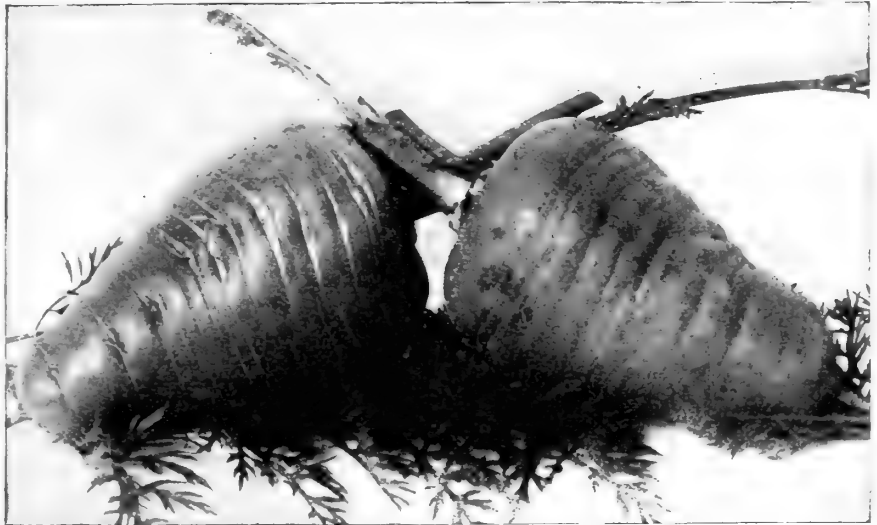


**184 Livingston's Early Market, Stump-Rooted**



**THE BEST EARLY TABLE CARROT.**

A very choice strain. Tender, fine-grained flesh. An enormous producer; handsome, uniform stumped roots. Considered by many to be the best table Carrot, because of its quality and shape; free from core and of a deep golden yellow color. Can be sown very thick, and consequently well adapted for frame culture. A most excellent forcer. **Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.25.**



**182 Early Scarlet Horn (Stump-Rooted)**

For forcing and early garden use; flesh deep orange, fine grained; agreeable flavor; small top. **Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., \$1.00.**

**183 Saint Valery, or Intermediate**

A thick, intermediate smooth variety; an English sort. It very much resembles the Danvers Carrot in both general shape and size. The color is a rich orange red, and of fine flavor. The roots grow very uniform; a most desirable Carrot for private gardens or market purposes. **Pkt., 5c.; oz., 15c.; 1/4 lb., 45c.**

**188 Earliest French Forcing**

The earliest small round variety, much used for first early forcing. Color reddish orange, and bunches very nicely; used largely for market, as well as kitchen garden. Quality the best. **Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.**

**186 Oxheart, or Guerande**

(See illustration above.)

Intermediate length; is fully 3 to 5 inches in diameter; quality extra good. Some sorts require digging, but the Oxheart can be easily pulled. It is especially adapted to shallow soils, where the longer sorts would not thrive as well. **Pkt., 5c.; oz., 15c.; 1/4 lb., 35c.; lb., \$1.25.**

**Note** Will you kindly turn to page 2 and read remarks under "Crop Shortages and High Prices"? One of the items concerned most are Carrots, the prices of which had to be advanced considerably owing to extremely short crop. But remember: All our carrot seeds are finest **French grown**—the very best procurable.

**185 Improved Chantenay**

(See illustration from our own photo.)

**A Popular and Profitable Sort to Raise for City Markets.**

It is about 6 inches long, thick through and decidedly stump-rooted. In size it is between the Oxheart and Danvers. The flesh is a deep orange red, fine-grained and of a splendid flavor. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market; its splendid table qualities keep it in demand. Our strain of seed is unsurpassed. **Pkt., 5c.; oz., 20c.; 1/4 lb., 50c.**

**187 Nantes Half-Long (Stump-Rooted)**

Sweet and fine flavored; almost without a core; very fine grained; excellent for the home garden or market. One of the finest in quality and handsomest in shape of the medium-sized sorts. **Pkt., 5c.; oz., 15c.; 1/4 lb., 45c.**

**Carrots for Stock Feeding**

Too much cannot be said in praise of the Carrot as a wholesome addition to the winter feed for stock, apart from its great value as a vegetable for table use. The splendid roots make a most desirable change of feed for your cattle when given in connection with grain and dry fodder. Plant plenty of Carrots for all purposes.

**195 Improved Short White**—Very large, half-long roots; pearly white. It is the heaviest cropper known. **Pkt., 5c.; oz., 10c.; 1/4 lb., 30c.; lb., \$1.00.**

**196 Large White Green Top Belgian**—Standard for field culture. **Pkt., 5c.; oz., 10c.; 1/4 lb., 20c.; lb., 65c.**



**Chantenay, or Model—a fine market variety.**

**Read These Pleasing Facts About Livingston's Globe Tomato**

Chas. G. Addison, Prince George's Co., Md., writes Sept. 8, 1911, as follows: "Last spring I purchased of you a packet of your recently introduced Tomato, 'Livingston's Globe,' and planted it in comparison with several of the most popular varieties known, and with results far surpassing my expectations. In fact, I have grown almost every variety of tomato that has been catalogued by the leading seedsmen in the last thirty years and I have never seen the equal of this for a perfect tomato in every respect.

"I grow them trained to poles 8 feet high, and I have a row of Livingston's Globe now in my garden with about 100 poles that have attracted the attention of this whole neighborhood, as they present a beautiful appearance, and to the very top of the poles still loaded with fruit, and though I began gathering from them the first of July, there is every prospect of an abundant supply until frost kills the vines late in October, although this has been the driest and hottest summer ever known here.

"The fruit grows in clusters, and I have found from 8 to 12 perfect specimens in a single cluster." (Livingston's Globe Tomato is listed on page 11.)

# Catalog of "True Blue" Seeds

## Cauliflowers

Coliflor

Blumenkohl

Cauliflowers delight in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed in the hotbed in January or February, and transplant the plants 2 or 3 inches apart in boxes or in another hotbed, until such time as they are safe to be planted in the open ground. Set the plants in the field 2 feet by 15 inches apart. If properly hardened off, they are seldom injured by being planted out too early. When heading, tie the outside leaves loosely over the head to protect it from the sun. Cauliflowers should be kept constantly growing, as the crop may be injured if growth is checked at any time. One ounce produces from 1500 to 2000 plants.

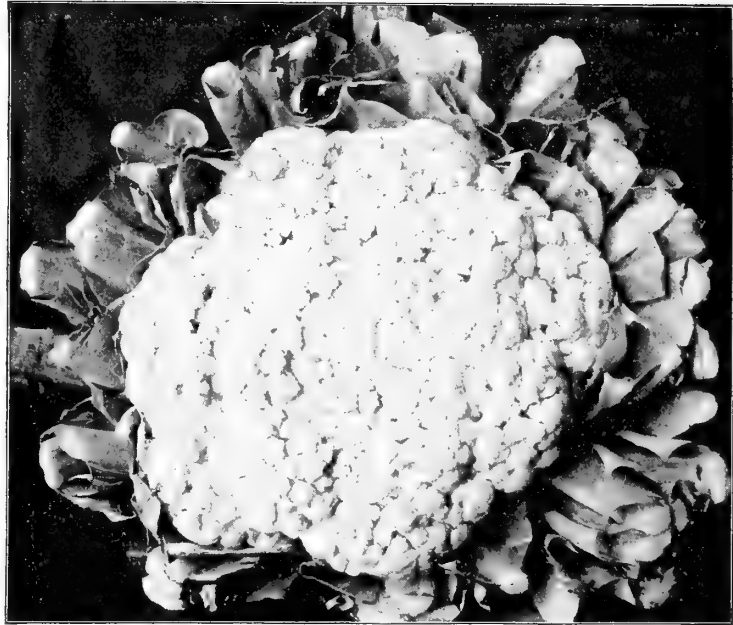
### 200 Livingston's Earliest

Our grower in Denmark spares no pains or expense with this stock. For wintering in cold-frames it cannot be excelled and it does equally well for a fall crop if planted late and treated the same as late Cabbage. Livingston's Earliest Cauliflower should take the place of many of the late varieties on account of its fine texture, pure white heads, and large, uniform size. A most compact grower and a sure header. Market gardeners throughout the country are perfectly satisfied with it.

Price (under our True Blue Seal),  $\frac{1}{2}$  size pkt., 15c.; pkt., 25c.;  $\frac{1}{4}$  oz., 85c.; oz., \$3.00;  $\frac{1}{2}$  lb., \$10.00.

### 202 Dry-Weather Cauliflower

(Also known as Danish Giant and Gilt-Edge.) This is a fine, large, heavy variety that matures about a week later than Livingston's Earliest Cauliflower. It is especially adapted for growing in dry locations on account of its large leaves, which furnish greater protection to the heads. To secure a large crop of the best solid heads it is essential that the ground be well enriched and most thoroughly cultivated during the growing season.  $\frac{1}{2}$  size pkt., 15c.; pkt., 25c.;  $\frac{1}{4}$  oz., 85c.; oz., \$3.00;  $\frac{1}{2}$  lb., \$10.00.



Livingston's Earliest Cauliflower.

### 201 Livingston's Green-House Forcer

For a great many years we have realized that a variety of Cauliflower that would grow in a small space, and, at the same time, combine all the good qualities of our best sorts would be greatly appreciated by everyone who forces this vegetable under glass. Livingston's Green-House Forcer is unexcelled for this purpose.  $\frac{1}{2}$  size pkt., 20c.; pkt., 35c.;  $\frac{1}{4}$  oz., \$1.00; oz., \$3.50.

### 203 Henderson's Early Snowball

One of the best types of Cauliflower on the market. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting, as well as for early crops. It is a sure header.  $\frac{1}{2}$  size pkt., 15c.; pkt., 25c.;  $\frac{1}{4}$  oz., 75c.;  $\frac{1}{2}$  oz., \$1.40; oz., \$2.50;  $\frac{1}{2}$  lb., \$8.50.

205 Veitch's Autumn Giant—The heads are beautifully white, large, compact. Pkt., 10c.;  $\frac{1}{4}$  oz., 25c.; oz., 60c.;  $\frac{1}{2}$  lb., \$1.50; lb., \$5.50.

206 Extra-Early Dwarf Erfurt—Dwarf habit, compact growth; short outside leaves. Can be planted 20 inches apart. Pkt., 25c.;  $\frac{1}{4}$  oz., 75c.;  $\frac{1}{2}$  oz., \$1.40; oz., \$2.50;  $\frac{1}{2}$  lb., \$8.50.

207 Large Late Algiers—Popular with canners and market gardeners. Ample foliage protects the heads well, which remain a long time fit for use. Pkt., 10c.;  $\frac{1}{4}$  oz., 30c.; oz., 75c.;  $\frac{1}{2}$  lb., \$2.00.

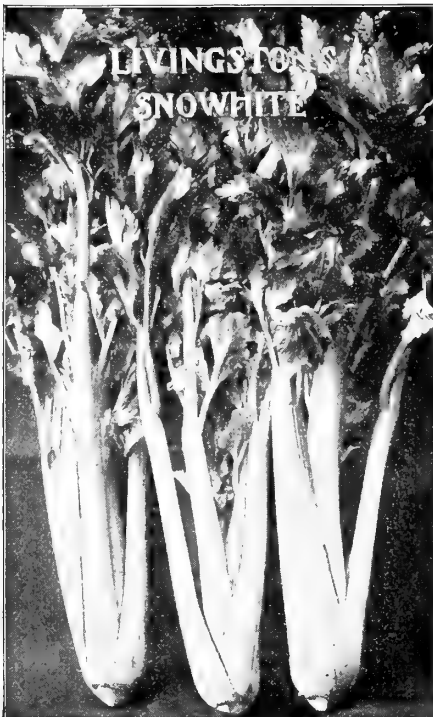
## Apio Choice Celery Seed Sellerie

One ounce of seed produces about 2000 plants. Leaflet on Cultivation of Celery sent free, if asked for with order.

## Apio blanco Ileno Self-Blanching Sorts Bleichsellerie

### 212 Livingston's Snowwhite

Our best Celery! It is without a rival in purity of color; crisp, tender and of good size. In vigor of growth, ease of blanching, richness of flavor and beauty of stalk, "Snowwhite" is ideal. It grows solid on all kinds of soil and gives satisfactory returns where other sorts fail completely. Mr. E. J. Hollister, the noted Celery grower, and author of our book on Celery Growing, says: "The pearly whiteness of the stalks of your Snowwhite Celery denotes good constitution, and, together with the size, strength and number of the stalks, makes a perfect picture." In vigor of growth, ease of blanching, size, richness of flavor, crispness and purity, it is ideal. Our picture, made from a portion of a photograph of one dozen stalks, gives some idea of the beauty of this variety, but not of the size. The dozen stalks weighed 20 pounds. Single stalks sometimes weigh 2 $\frac{1}{2}$  pounds, and quite frequently 2 pounds. It grows solid on all kinds of soil and keeps better than a great many of the best standard varieties. Pkt., 10c.;  $\frac{1}{4}$  oz., 20c.; oz., 35c.;  $\frac{1}{2}$  lb., \$1.00; lb., \$3.00.





Grown and Sold by

The Livingston Seed Co. Columbus Ohio



## 213 Golden Self-Blanching Celery

This grand Celery is of French origin and is becoming more popular every year as it becomes better known. It has the demand above all other sorts because of its many superb qualities. It has the same self-blanching habit as White Plume, but is much heavier and more compact, though not so early. At first the entire plant is an attractive yellowish green, and, as it approaches maturity, the inner stems and leaves become of beautiful golden yellow color. Grows to good size, is very tender and free from strings, the hearts large and solid, crisp, brittle, of excellent quality and very beautiful. The quality of this sort exceeds all others in tenderness and nutty flavor.

213 Genuine French Grown Seed is exceedingly scarce on account of serious crop shortages during the past three years. We will supply it, as long as our short stock lasts, at 15c. per packet;  $\frac{1}{2}$  oz., 60c.; oz., \$1.00.

214 Selected White Plume Almost self-blanching. Its stalks and portions of the inner leaves and heart are so nearly white naturally that by closing the stalks, either by tying or simply drawing the soil up against the plants and pressing it together, the work of blanching is completed. Early, of good flavor and fine texture; adapted to fall and early winter use; good keeper up to the holiday season. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.

215 Pink Plume—Identical with White Plume, except that the stalks are suffused with pink, and possess the crispness, rich flavor and long-keeping qualities peculiar to the red sorts. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.

## Winter Varieties of Celery

Of firmer texture than preceding sorts and consequently better keepers. The stalks grow uniformly larger and are very fine and crisp if treated properly.

### 220 Giant Pascal

(See illustration.)

The best of this class. A green-leaved variety, which developed from the Golden Self-Blanching. With thick, solid, crisp stalks and of incomparable flavor. It is of stronger growth than the Self-Blanching; also larger, producing perfectly blanched stalks when hilled up properly. Unequaled for rich, nutty flavor. Blanches very easily and is very brittle. A fine keeper, an excellent shipper, retaining color and fresh appearance as long as any other. A favorite with Southern growers. For mid-winter and early spring use it is excellent. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

223 Giant Golden Heart—Produced by careful selection and high culture from Dwarf Golden Heart by one of the best Celery growers in the country. In quality, appearance and large size it is unsurpassed. One of the best late varieties for market gardeners, while its fine flavor and rich color make it desirable for private use. Very hardy. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 55c.; lb., \$1.75.

224 Perle Le Grand—A good early Celery. Handsome, stocky, robust; rich, nutty flavor; a long keeper. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.50.

225 Winter Queen—Of short, stocky growth, with broad, heavy stalks. Fine for winter use. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 55c.; lb., \$1.75.

We can also supply Giant White Solid, Perfection Heartwell, and New Rose at uniform price—Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.

Giant Pascal.

### Celeriac, or Turnip-Rooted Celery

Apio nabo Knollen Sellerie

Sow seed the same way as for Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. The roots may be cooked or used as salad.

230 Apple-Shaped—Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.50.

231 Giant Smooth Prague—A large and smooth variety. Desirable for market; an excellent keeper. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.50.

## The Finest Extra Early Sweet Corn for the Home Garden

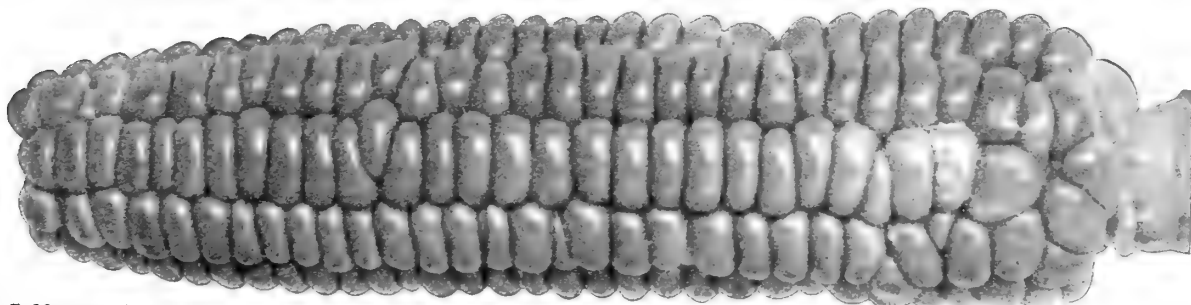
### 242 Golden Bantam (See illustration Below)

Were we asked to name the sweetest Sweet Corn, we would unhesitatingly say "Golden Bantam." It is not only the sweetest, but also one of the hardiest, and what it lacks in size is more than made up by its other grand qualities.

Golden Bantam is one of the finest things we have run across during the past few years. The ears are from 6 to 7 inches long, eight rowed, filled with broad, sweet, golden yellow kernels of a delightfully distinct flavor.

Golden Bantam may be planted with perfect safety from ten days to two weeks earlier than other Sweet Corns. The dry seed is quite solid and is not as apt to rot as that of the softer kinds. It is as early as the Cory and of much better flavor.

Price—Pkt., 10c.; pt., 25c.; qt., 40c.; postpaid. By express, qt., 45c.; 2 qts., 45c.; 4 qts., 70c.; pk., \$1.25.



Golden Bantam.



# Catalog of "True Blue" Seeds

## Corn, Sweet or Sugar

Maiz dulce      Speise Mais

The Sweet or Sugar Corn Varieties, being liable to rot in cold or wet ground, should not be planted until May, or when the soil has become warm and dry. For a full supply for the table during the entire season, plant every ten days or two weeks until the last week in July, in hills 2 x 3 feet apart for the early kinds, and 3 x 3 feet for the large late sorts. Some plant in rows 3½ feet apart and 8 inches apart in the rows. Give frequent and thorough cultivation all the season. **One quart of seed corn plants 200 to 300 hills; 9 to 10 quarts will sow an acre.**

☛ **Pint and Quart Prices Include Postage.** If to go by express, at buyer's expense, deduct 15c. from quart, or 8c. from pint prices. Half-pecks, pecks and bushels sent at buyer's expense.

### 249 Columbus Market

(See illustration alongside.)

Ready for table with the second earlies, such as Crosby's Early, Shaker's Early, etc., but is fully twice as large as any of them. The ears carry an average of 16 rows of fine large, deep, white and very sweet grains, which are second to none in tenderness and flavor. The stalk is very strong, sturdy and of only medium height; the leaves broad and dark green in color, a habit of growth which gives it great endurance during a dry time. Especially adapted for early trucking; also very desirable for the home garden. **Pkt., 5c.; pt., 20c.; qt., 35c.; ½ pk., 60c.; pk., \$1.00; bu., \$3.50.**



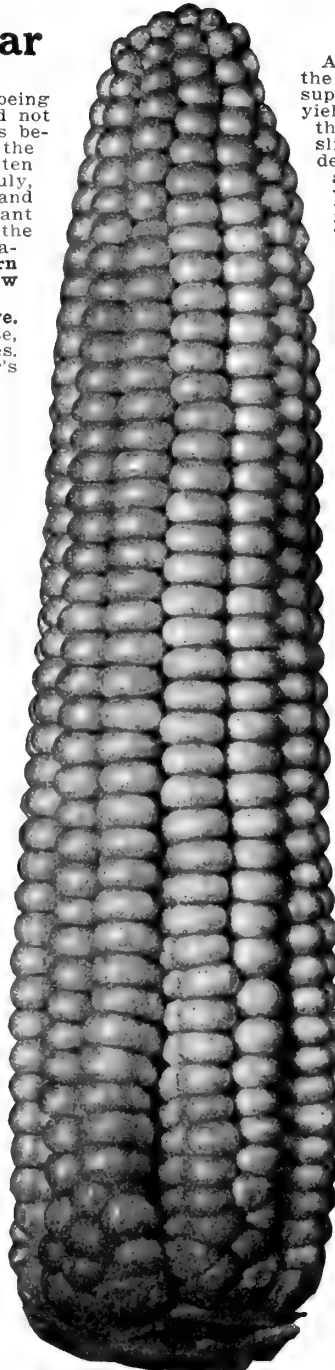
### 247 Kendel's Early Giant

(See illustration at bottom of page.)

The ears are large, measuring 8 to 9 inches long, thick through, with ten or more rows of plump and purest white kernels, that are of most deliciously sweet flavor. It is several days earlier than Crosby's Early, which gives it the distinction of being an early and at the same time a large-eared variety. Gardeners report this Sweet Corn ready to use in sixty days when grown on sandy soil, and in seventy-two days on heavy ground. We first offered Kendel's Giant Sweet Corn to our customers some ten years ago, and it has given the greatest satisfaction ever since to both market gardeners and home gardeners alike. Owing to our skillful selection year after year, Kendel's Early Giant has become a much more valuable sort than when first introduced. **Pkt., 5c.; pt., 25c.; qt., 40c.; ½ pk., 65c.; pk., \$1.10; bu., \$4.00.**

### Our Grand New Sweet Corn Livingston's Early Sugar

is fully described and illustrated on page 4. Would space permit we could fill several pages with additional illustrations and favorable reports received during last summer from our grower and farm superintendent. Be sure to try this dandy new sort in the home garden. We are sure it will please you.



### 240 Extra-Early Premo

A "sixty-day" Sweet Corn that combines all the merits of the leading early varieties, and is superior to many of them in size, quality and yield. Premo can be planted fully as early as the Adams, for the young plants withstand slight frosts, while the other varieties are tender. The stalks grow about 5 feet high, and are very vigorous, generally bearing two well-developed ears to the stalk. **Large pkt., 10c.; ½ pt., 15c.; pt., 25c.; qt., 40c., postpaid.** By express, not paid, 4 qts., 65c.; pk., \$1.10; bu., \$4.00.

### 241 Peep-O'-Day

Ten days to two weeks earlier than any other sort and one of the sweetest of all Extra-Early table varieties. Last season's trials and crops fully proved the truth of above statement. The stalks of Peep-O'-Day Corn grow from 3½ to 4½ feet high and bear from 2 to 3 ears each. The foliage is light green, and, being small, stalks will stand very close planting. If planted in hills, put 6 to 7 kernels in a hill, thinning out later so as to leave 4 plants to a hill. If in rows and not in hills, drop the seed 6 to 8 inches apart. If planted early, cover about 1 inch deep. Seed planted later should be put in deeper, according to the amount of moisture in the soil. Have the rows just far enough apart to admit of thorough cultivation. **Pkt., 10c.; pt., 25c.; qt., 40c.; ½ pk., 65c.; pk., \$1.10; bu., \$4.00.**

### 245 Extra-Early Adams

Hardest and earliest Corn. It is not a Sugar Corn, but is grown for early use. Ears short; kernels very white. **Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.50.**

### 246 Early Adams

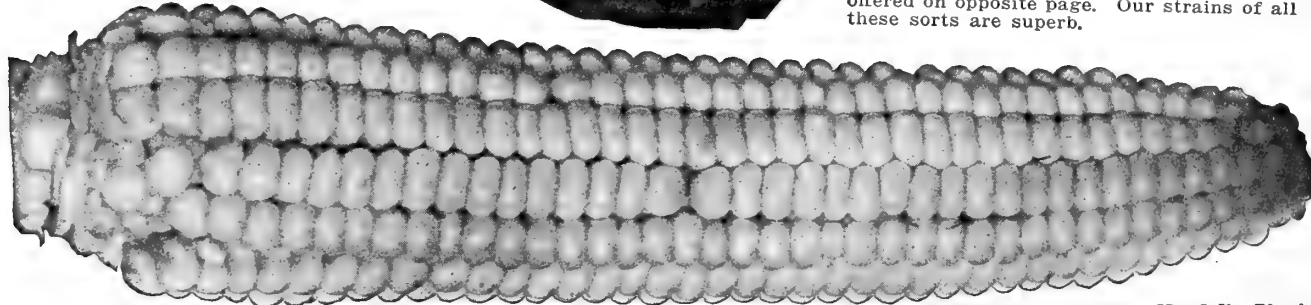
Similar to Extra-Early Adams; ear somewhat larger, but not quite so early; is good for early table use. Like the above, is hardy, and can be planted early. **Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.00.**

### 263 Extra Early Cory

One of the earliest varieties. Large ears, considering size of stalk; small red cob, well filled up with handsome and very sweet kernels. **Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.50.**

## We Grow Many Acres of Choice Sweet Corn

on our own farms and consider our strains extra fine. A fair growing season and good harvesting weather have filled our drying sheds and warehouses with an excellent crop of all the leading varieties. Let us call your attention to Golden Bantam, listed on preceding page, Columbus Market, Kendel's Giant and Premo, listed above, the Evergreen Sorts and Country Gentleman offered on opposite page. Our strains of all these sorts are superb.



Kendel's Giant.





### Second Early and Main Crop Varieties of Sweet Corn

**254 Early Minnesota**—White cob and kernels. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 60c.; pk., \$1.00; bu., \$3.75.

**255 Crosby's Early**—Standard old sort; very sweet; early; good size. Pkt., 5c.; pt., 20c.; qt., 40c.;  $\frac{1}{2}$  pk., 60c.; pk., \$1.00; bu., \$3.75.

**256 Extra-Early White Cory**—Identical with Extra-Early Cory, except color; the cobs are white. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 65c.; pk., \$1.10; bu., \$4.00.

### 257 Mammoth White Cory

This new strain is as early as the original Extra-Early Cory, with ears of larger size, and kernels more compact. Cob and kernel are pure white. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 65c.; pk., \$1.10; bu., \$4.00.

**258 Shaker's Early**—Splendid market sort; second-early; large. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 65c.; pk., \$1.10; bu., \$4.00.

### 259 Perry's Hybrid

An early variety of large size; ears well filled with pure white kernels; strong grower and much esteemed. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., \$1.00; bu., \$3.75.

### 260 Hickox Improved

Earlier than Stowell's Evergreen, and having large attractive ears, very white, rich flavor. Fine quality. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

### 261 Burlington Hybrid

Not a pure Sweet Corn, but quality better than the Adams varieties; of splendid size and appearance. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 60c.; pk., 90c.; bu., \$3.25.

### 262 Black Mexican

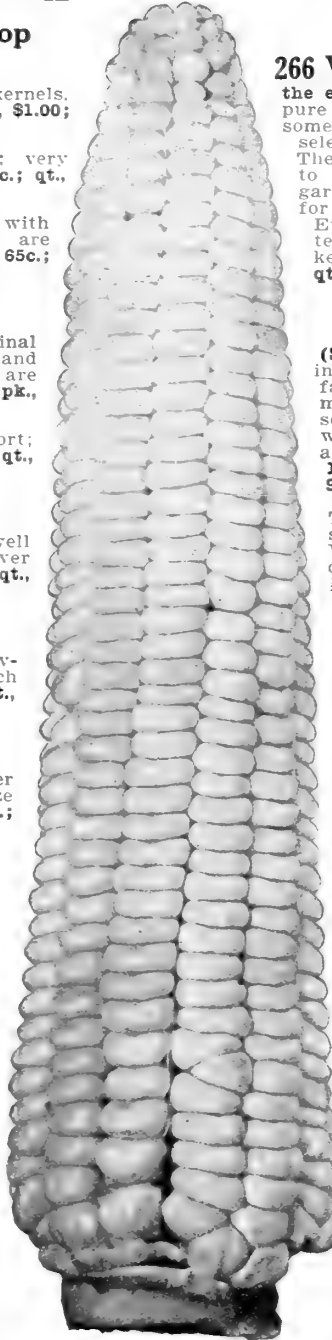
One of the sweetest varieties; color when in roasting ear, purple and white; also a fine late sort. Pkt., 5c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., 75c.; pk., \$1.25.

### 273 Mammoth Sugar

Produces larger ears than any other Sugar Corn, and of good quality; a rich and very sweet late variety. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 65c.; pk., \$1.10; bu., \$4.00.

### 264 Country Gentleman

One of the richest flavored of all the late varieties. As a table Corn this variety stands unrivaled, and without doubt is the most luscious of all varieties of Sweet Corn. The plump, pearly-white kernels are of great depth, most delicious, and the flavor will delight an epicure. We have selected this sort for many years and are especially proud of our strain. It comes as true to type as any we have ever seen. Ears average 9 inches long by 2 inches in diameter and are of typical "shoe-peg" appearance. Pkt., 5c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 60c.; pk., \$1.00; bu., \$3.75.



Livingston's Evergreen.

### The Evergreen Sorts

**266 White Evergreen** This is a high-bred pure-white type of the ever popular Stowell's Evergreen. From one pure white-grained ear, accidentally discovered some years ago, it has been developed by careful selection. Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well filled to the tip with long, slender kernels. Market gardeners and canners have long been wishing for a white Sweet Corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state, both cob and kernel are white as snow. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 65c.; pk., \$1.10; bu., \$4.00.

### 267 Livingston's Evergreen (Red Cob)

(See illustration.) Our old original variety, introduced by us in 1860, and now a general favorite for family use, and as well as market purposes. It is a first-class second-early sort. Productive, large, well-filled ears, with broad kernels and small cob, filled well over tip. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

**268 Livingston's Evergreen (White Cob)**—This is our old Livingston's Evergreen (described above), with a white cob. The new White Cob strain lacks not one good quality of the older sort. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

### 270 Livingston's Broad-Grained

**Broadest Grained of all the Varieties**

For the past six or seven years this variety has been very closely selected so as to produce the broadest possible grains, and at the same time to retain its depth of grain, as well as its splendid eating qualities. The grains are simply enormous when in the roasting ear stage. The ears are largely of the eight-rowed type. This splendid sort matures a little later than Livingston's Evergreen. We offer you selected, hand-shelled seed. Pkt., 10c.; pt., 25c.; qt., 40c., postpaid. By express, not prepaid, 4 qts., 60c.; pk., \$1.00; bu., \$3.75.

### 269 Stowell's Evergreen

A favorite with canners and market gardeners for late use and especially for the kitchen garden. Ears large, kernels very deep, tender and of most delicious sweetness; very productive. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 60c.; pk., \$1.00; bu., \$3.75.

### 278 Sweet Corn for Fodder

Sow thickly in drills or broadcast at the rate of 2 to 3 bushels per acre. Pk., 85c.; bu., \$3.00.

### "4 Best" Sweet Corns for Home Gardens

This collection will supply the table continuously throughout the entire season.

Premo, Extra Early.

Columbus Market, Early.

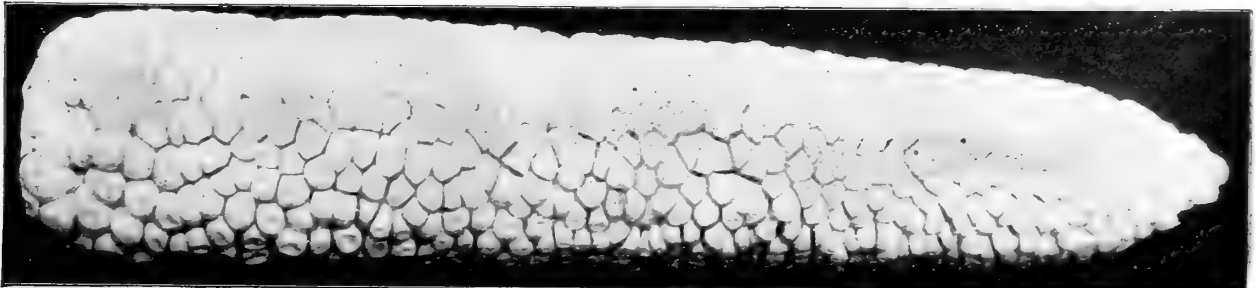
Country Gentleman, Main Crop.

New White Evergreen, Late.

1 large pkt. each of above, 15c., postpaid.

1 pint of each, 75c. 1 quart of each, \$1.35.

All sent postpaid.



# Catalog of "True Blue" Seeds

## Select Cucumber Seeds

Cohombros 6 Pepinos

Curken

As soon as the weather has become settled and warm, plant in hills 4 to 6 feet apart each way, with 8 to 10 seeds in a hill; cover one-half an inch deep, smoothing the hill off with the hoe. When the plants are out of danger of insects, thin out to three or four plants to a hill. The seed may also be sown in rows 6 feet apart, with the seed every few inches in the row. When danger from bugs is past, they must be thinned out to 3 or 4 feet apart. This latter way of planting insures a good "stand," as the bugs cannot take all of them. Four or five moth balls placed in a dish or pan and set close to the hill are said to drive away bugs. For pickles, plant from 1st of June to 1st of August. **One ounce of seed will plant about 50 hills; one to two pounds to the acre.**

## 290 Livingston's Selected Extra-Early White Spine

(See illustration below)

For over thirty years we have worked on this strain which we consider the most thoroughbred obtainable in this country. Fruits are uniform and shapely, of beautiful dark green color, with just an indication of white at blossom end. They are of symmetrical shape, average 6 to 7 inches long and about 2 1/2



inches in diameter. Flesh is firm and solid, with few seeds, crisp and of elegant flavor. Of perfect cylindrical form, without neck, and the handsome dark skin remains green a long time. We consider it the most thoroughbred strain of White Spine in existence. **Selected seed, grown on our own farms—Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**286 Extra-Early Russian**—Small, extra-early, hardy; productive, good for small pickles. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**287 Early Frame, or Short Green**—A popular early variety of medium size and good shape; good for small pickles. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**298 Davis Perfect** By using this variety gardeners that will sell in the market for hothouse forcing varieties. The shape is ideal. It is almost seedless one-third of its length from the stem, and the few seeds that are contained in its blossom end when in eating condition are so small and tender that they are hardly noticeable. Most important of all, it does not lose its dark, rich color when grown outdoors. It is hard to tell the difference between it and a hothouse cucumber. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**300 The "Vickery" Forcing** A very fine strain of the White Spine type; is longer than the ordinary White Spine and holds its rich, dark green color well down to the blossom end; immense cropper. A choice variety for hothouse growers; also hard to excel for outdoor cultivation. **Pkt., 10c.; oz., 45c.; 1 lb., \$1.25; lb., \$4.50.**

**303 Westerfield Chicago Pickling**—Popular with Chicago gardeners. Medium length, slightly pointed at ends; very large; prominent spines; deep green. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**304 Jersey Pickling**—Intermediate between Long and Short Green. Long, slender, cylindrical; crisp and tender. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

**307 Giant Pera**—Large, smooth and straight; flesh white, crisp and tender; good for slicing. **Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1 lb., 40c.; lb., \$1.50.**

**308 Talby's Hybrid**—A cross between the White Spined and an English Frame variety, combining the hardness of the former and beauty and size of the latter. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 85c.**



Livingston's Emerald, Growing at Our Kirksville Farms.

## 292 Improved Long Green

(See illustration on next page.) Long and crisp; one of the very best for the family garden; also popular and reliable for pickles. **Extra choice stock grown on our own farms. Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**288 Nichol's Medium Green**—Introduced by us in 1883. Color dark green; flesh crisp and tender; medium size; straight and smooth; a real handsome and prolific variety. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**289 Early Cluster**—Short and prickly; bearing in clusters; prolific; fine for bottling. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

**291 Green Prolific, or Boston Pickling**—Of uniform growth, seldom too large for pickling; immensely productive. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

**293 Extra-Long, or Evergreen White Spine**—Averages longer than other strains. Extra fine shape and quality; makes a good pickle; used extensively for growing under glass. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**294 Arlington Improved White Spine**—For market use and pickling it is superior to the old White Spine. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

**295 Hill's Forcing White Spine**—Large, straight and well formed; full at ends; productive; skin deep green, holding color well. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

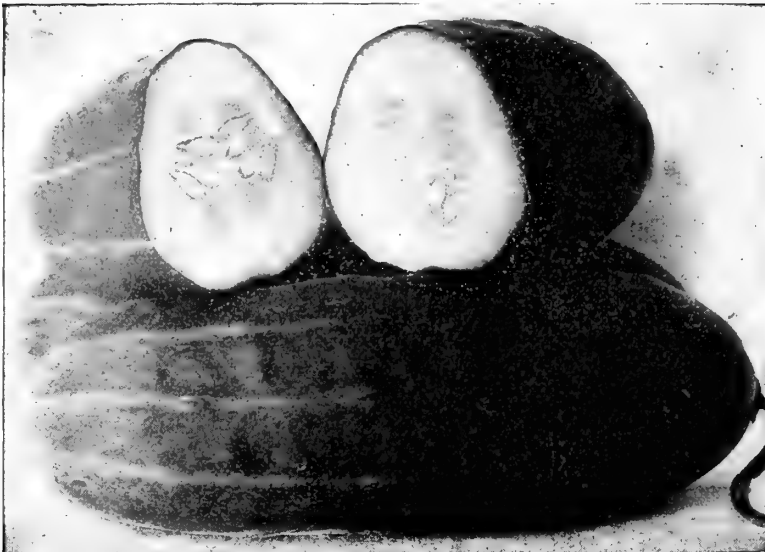
**296 Cool and Crisp**—The beautiful green color is all that can be desired. Excellent for pickling or slicing. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

## 297 Cumberland

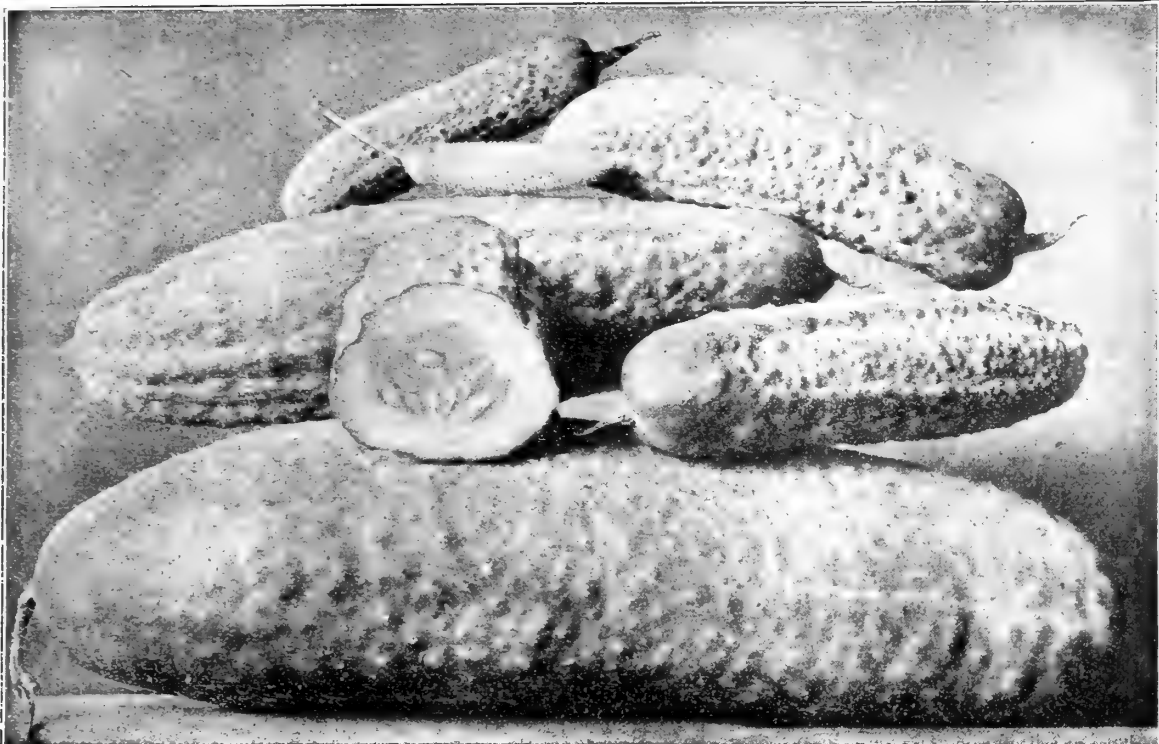
Combines prolificacy and vigorous growth with beauty and uniformity; is of the hardy, White Spine type. The pickles differ from all other hardy sorts in being thickly set with fine spines over almost the entire surface. During the whole period of growth the form is very straight and symmetrical, thus being as choice for slicing as for pickles. The flesh is firm, very crisp and tender at all stages. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

## 299 Klondike

Excellent strain of White Spine, remarkable for the uniformly dark green skin of its shapely fruits. Popular with Southern planters who find a ready market for it in the North. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.**



Livingston's Extra-Selected White Spine Cucumber.



Choice Cucumbers—Continued.

### 301 Livingston's Emerald

(See illustration on preceding page)

(Introduced by Us in 1897.) We were eight years in perfecting this variety which represents a dark-green cucumber that will hold its color. It is strictly an evergreen, retaining its color until quite ripe, making it very attractive. The plant sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. As a slicer the flesh is perfectly crisp and tender, and the flavor most pleasing. The young fruit is dark green, straight, slender and almost spineless; makes an excellent pickle, and when ripe none excel it for making sweet pickles. It is not excelled for beauty in color and form. Excellent shipping variety. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., \$1.25.**

**309 Japanese Climbing Cucumber**—Vines extra strong; being a climbing sort, can be grown on trellises or other supports; valuable in small gardens. Very prolific, from 40 to 50 fruits having been counted on single plants. The Cucumbers are long and of fine flavor. **Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/2 lb., 40c.; lb., \$1.25.**

**310 Gherkins (True West India)**—Used only for pickles. **Pkt., 5c.; oz., 20c.; 1/2 lb., 60c.; lb., \$2.00.**

**312 Serpent, or Snake Cucumber**—A great curiosity. The Cucumbers grow curled up like a snake, with head protruding; sometimes several feet in length. **Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.**

### 302 Livingston's Evergreen Pickling

(See illustration above)

(Introduced by Us in 1890.) Generally admitted to possess every qualification required in a perfect pickling cucumber. Exceptionally productive. One grower says it bears "four to one" compared with many standard sorts. It is a very strong grower, extra-early, and bears firm, crisp fruits, which are excellent for slicing also. We devote the greatest care to the selection of this seed stock. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., \$1.25.**

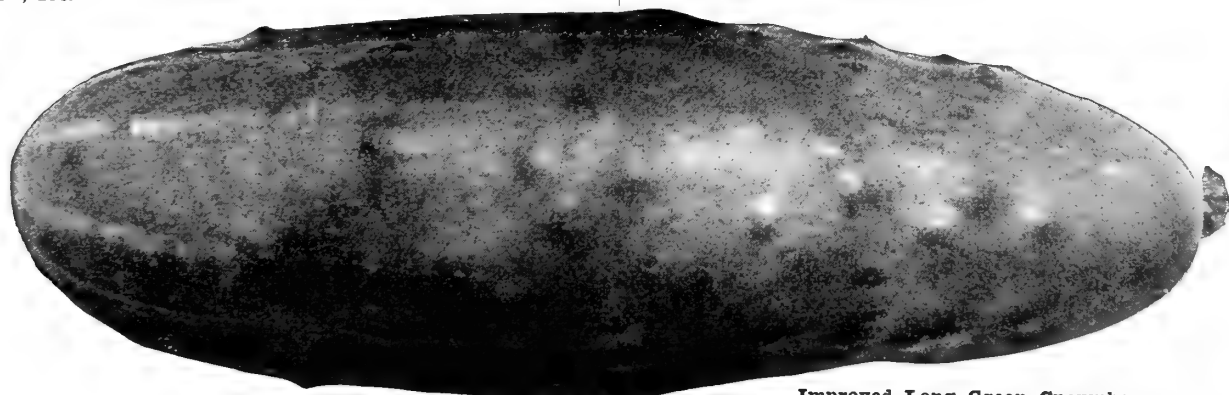
**313 "Lemon" Cucumber**—A new and desirable variety, having a strong resemblance to a lemon in its size, shape and color. It has a thin skin. The crispness, tenderness and sweetness are all that could be desired, and it seems to lack the bitterness of the common cucumber. Pick just as it turns yellow. **Pkt., 10c.; oz., 25c.**

### Frame and Forcing Cucumbers

Used in greenhouse growing, for which they are especially adapted.

**316 Rollison's Telegraph**—Grows about 19 inches long; bright green. **Pkt. of 15 seeds, 25c.**

**317 Rawson's Hothouse Forcing**—A new and very superior greenhouse sort. Very long; deep green; straight. **Pkt., 10c.; oz., 45c.; 1/2 lb., \$1.35; lb., \$5.00.**



Improved Long Green Cucumber—  
The Type We Grow at Our Kirkersville Farms.

# Catalog of "True Blue" Seeds

## Dandelion

Sow in May or June, in warm, rich soil, in drills half an inch deep and 18 inches apart. Some of the plants will be ready for use in September, and the balance the following spring. Dandelions make delicious greens, which are a most healthy spring vegetable. **One ounce will sow 150 feet of drill.**

**325 Large-Leaved**—Leaves fully double the size of the common Dandelion. Years of the most careful cultivation have developed a very fine strain of seed. **Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50; lb., \$5.00.**

## Berenjena **Egg-Plant** Eierpflanze

Sow seeds in hotbed or warm greenhouse in March or early in April; if no hotbed is at hand, they may be grown in any light room where the temperature will average 75 degrees. When plants are two inches high, or have formed two rough leaves, transplant them into beds and set 3 or 4 inches apart. Keep beds closed and very warm, shading from direct rays of the sun and giving an abundance of water until the ground is warm and all danger from frost and cold nights is past; then harden the plants by gradual exposure to the sun and air, and increase the supply of water; transplant to the open ground late in May or June, into warm, rich soil, 2 to 3 feet apart each way, according to the richness of the ground. When about a foot high, draw the earth up to the stems. Care should be used in cutting the fruit so as not to disturb the roots of the plants. **One ounce of seed produces about 1000 plants.**

## 330 Livingston's Mammoth Purple

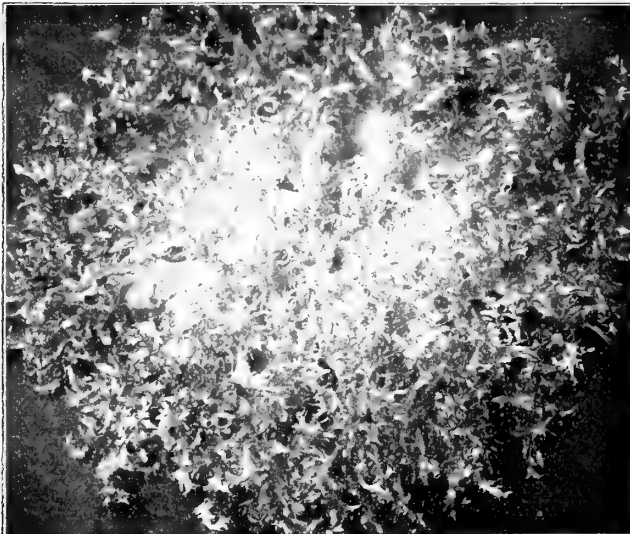
(See illustration of typical plant grown in "True Blue" trial grounds, season 1911)

This splendid variety we have obtained by years of the most careful selection and extra cultivation, beginning with a true strain of New York Improved Large Purple. We now have the finest strain of Mammoth Purple Egg-Plant obtainable. It is quite early for such a large sort, a sure cropper, and entirely spineless. The plants are large, vigorous and productive. Fruit uniform in color and shape; very large, usually 6 to 8 inches in diameter, but sometimes specimens are grown measuring 10 inches. Skin a handsome dark purple, smooth and glossy. Flesh white, of superior quality. **Selected Seed—Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.10; lb., \$4.00.**



## 334 Black Beauty

From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color, and is a distinct sort and a favorite where known. The plants are remarkably healthy in their growth and yield an abundance of large fruits. The fruit is very attractive in appearance. This variety is entirely spineless. Quality the very best. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.75.**



Green Curled Endive.



Livingston's Mammoth Purple Spineless Egg Plant.

**336 Early Long Purple**—An early, oblong variety, longer in shape than the other sorts. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

## 332 New York Improved Large Purple

A leading variety; fruit very large, oval-shaped, smooth, deep purple; flesh white and of good quality. The seed we offer is a very fine strain of this popular sort. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.75.**

**338 Black Pekin**—A globe-shaped variety of superior excellence; glossy black fruit, solid and fairly early. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**340 Florida High Bush**—A large fruited purple sort; very popular with Southern growers. **Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.75.**

## Endibia 6 Escarola **Endive** Endivien Salat

For an early crop, sow in April in drills 15 inches apart, and later thin the plants to stand 12 inches apart in the row.

The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips to blanch them. **One ounce of seed will sow 150 feet of drill.**

## 343 Fine Green Curled

Hardest variety; the most desirable for home use or market garden. Deep green leaves, beautifully cut and curled; easily blanched. (See illustration.) **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.**

## 344 Ever-White Curled

A very beautiful variety. Plants moderately dense; leaves coarser than those of the Fine Green Curled; the mid-rib is yellow and the leaves white. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.**

## 346 Broad-Leaved Batavian

Broad, thick and slightly wrinkled leaves; forms very large heads, which are much used in soups. **Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.**





**Dwarf German Kale,**  
Growing in  
Our Trial Grounds.

**Breton Kale, or Borecole Blätterkohl**

Kale, or German Greens, do not form heads, but furnish an abundance of pretty curled leaves that are highly prized as food. Sow from the middle of April to the beginning of May; transplant and cultivate like Cabbage. Will endure considerable frost without injury. One ounce of seed sows 200 feet of drill. 4 pounds sow an acre.

**378 Dwarf Green Curled, German Greens, or Sprouts.** (See illustration above.)—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 75c.**

**379 Siberian Kale**—Dwarf growth, bluish green leaves. Sow in September in rows a foot apart, and cultivate the same as Spinach; very hardy and makes an excellent Spring greens. **Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c.**

Ask for Special Prices on Large Quantities of Kale Seed.

**Kohl-Rabi, (Turnip-Rooted Cabbage)**

**Col rabano ó Nabicol Kohlrabi**

When young and tender, they are fine for table use; when matured, they keep splendidly and are excellent for feeding stock. For early use, sow in hotbed, transplant and cultivate like Early Cabbage. For winter use, plant the middle of June or first of July outdoors in rows 18 inches apart, transplanting or thinning out to 8 inches apart in the rows. One ounce of seed sows 200 feet of drill.

**382 Earliest White Vienna** Greenish white outside, with clear white flesh within. Smooth, short leaf; good for forcing; fine in quality. (See illustration.) **Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.50.**

**383 Earliest Purple Vienna**—Same in every respect as the Earliest White Vienna, except in the outside color. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.50.**

**Puerro Leeks Porree oder Lauch**

**387 Broad Scotch, or London Flag**

A hardy kind; large strong plants with broad leaves. Cultivation the same as for Onions. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.**

**388 Large Musselburgh (Carentan or Scotch Champion)**—Favorite market sort of enormous size; large, broad leaves; flavor is very mild. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb., \$1.25.**

**"True Blue" Seeds and Service Please and Satisfy Everybody**

Wm. A. Shaw, of Allison Park, Allegheny County, Pa., writes: "As you know, last season was my first one in trying my hand at gardening, and that I made good is putting it very mild; while I put in a lot of work on the garden and at least three months reading the best books on the subject, I consider the quality of the seeds you sent me contributed most to my success."

H. W. Vanchelet, of El Paso County, Texas, writes on February 1, 1911: "Beg to say that I am just in receipt of orders of seed from yourself, and out of four orders from different seedsmen, including yourself, your seeds were the only ones that checked out as per my order."

**Gourds**

**Useful Sorts for the Kitchen-Garden**

Gourds are rapid growing and very interesting annual climbers, with ornamental foliage, odd and singular-shaped fruit; being tender, they should not be planted until all danger from frost is over.

**1860 Livingston's Extra Fine Mixture of Gourds**

A splendid mixture of Gourds, including all the ornamental kinds, both large and small, of various shapes and colors, such as Japanese Nest Egg, Mock Orange, Dish-Cloth, Turk's Turban, Dipper, Serpent, Bottle, Warty Gourd, Hercules Club, and many other curious and unique varieties. **Pkt., 5c; 1/4 oz., 20c; oz., 35c.**

Separate varieties of Gourds are listed on page 95.

**Herbs**

**Sweet, Pot, Culinary, and Medicinal**

Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. Care should be taken to harvest properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air. Varieties in the list marked with an \* are perennials.

	Pkt.	Oz.
350 Anise	5c	10c
351 *Balm	5c	15c
353 *Caraway, lb., 75c	5c	10c
354 *Catnip, or Catmint	5c	30c
355 Coriander, lb., 60c	5c	10c
356 Dill (See below)	5c	10c
357 *Fennel, Sweet	5c	10c
358 *Horehound	5c	20c
359 *Lavender, Sweet	5c	15c
361 Peppermint	10c	...
362 *Rosemary	5c	35c
363 *Rue	5c	20c
364 Saffron	5c	10c
366 Summer Savory	5c	10c
367 Sweet Basil	5c	10c
368 Sweet Marjoram	5c	15c
370 *Thyme	5c	35c
371 *Winter Savory	5c	20c
372 *Wormwood	5c	20c

**356 Dill**—This herb is used in large quantities in the making of Dill Pickles; also for flavoring vinegar. **Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb.,**

**365 Sage**—Sow in rich ground and thin out the plants to stand 16 inches apart. Used for flavorings and dressings. **Pkt., 5c; oz., 15c; 1/4 lb., 40c; lb.,**

**Asparagus Roots, Rhubarb Roots, and Horseradish Sets** are listed on page 68 of Catalog. Our unequalled facilities to produce these vegetable plants in large quantities enable us to quote them at exceptionally reasonable prices. Ask for special quotations on larger quantities than those quoted.



**Early White Vienna Kohlrabi.**



# Catalog of True Blue Seeds



Selected Strain of Grand Rapids—as tested in "True Blue" Trial Grounds

## Lechuga Livingston's Choice Lettuces Salat

For early spring use, sow in a seed bed in September or October, and protect through the winter in cold-frames, or in the South with leaves or litter; or sow in a hot-bed in early spring. Lettuce plants may also be started very successfully in the house in boxes which are about 4 inches deep. Make soil very fine and firm. Mark off into rows 2 inches apart and  $\frac{1}{2}$  inch deep, into which sow the seed quite thinly; cover with blotting or brown paper fitted into the top of the box. First saturate the paper with water and keep moist until the seed germinates; then remove. Expose the young plants gradually to the light. As soon as the ground outside is dry and warm so that it can be well worked, set out the plants 8 inches apart in the rows. For a later supply, sow seeds in the garden every two weeks from the middle of April until July, choosing varieties according to their heat-resisting qualities. Sow very thinly in rows 18 inches apart, covering seed  $\frac{1}{4}$  inch deep with fine soil, and when well up thin to 12 inches apart in the rows. **One ounce of seed sows 100 square feet; plants 120 feet of row, produces 3000 plants.**

### Loosehead, or Cutting Varieties

Produce large bunches of crisp, tender leaves, which furnish excellent salads.

#### 396 Selected Grand Rapids

(See illustration above)

Especially adapted for greenhouse culture in winter; also a good Lettuce to sow outside early in the spring for family use.

Grand Rapids does not form a head, but makes large, compact bunches of light, attractively curled and fringed leaves. It grows very rapidly and keeps in good marketable condition for a long time after cutting. Our strain of Grand Rapids is extra fine. Throughout the season, our grower critically rogues the fields and spares neither labor nor expense to have it uniform and true. **Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.**

#### 400 Livingston's "Bon Ton"

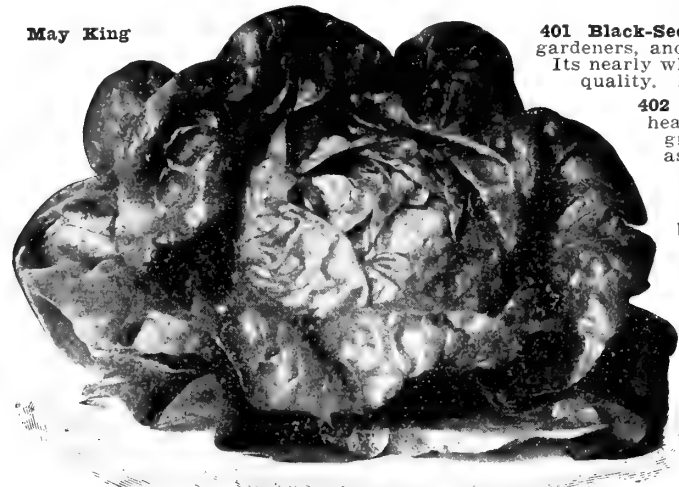
(See illustration alongside and in natural colors on back cover of Catalog)

This fine variety is of the Simpson Lettuce type, but comes almost absolutely uniform and true. It has a beautiful light green outer head, changing to a rich cream shade at the heart. The leaves are just enough wrinkled to make them beautiful, yet not enough so as to render it difficult to prepare them for the table. It is especially adapted for local markets and family gardens, but for shipping it is not so good on account of its exceeding crispness. **Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.**



Livingston's "Bon Ton" Lettuce.

#### May King



**401 Black-Seeded Simpson (Curled)**—Is very popular among market gardeners, and fine for the home table. Forms a large, loose head. Its nearly white, curly leaves are large, thin, very tender and of good quality. **Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.**

**402 Early Curled Simpson**—A leading early sort; does not head, but forms a compact mass of curly leaves of yellowish green. Matures early; generally grown in cold-frames and as an early crop. Very tender and most crisp. **Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.**

**403 Prize Head**—Mammoth heads; even the outer leaves are crisp and tender; light green, tinged with brownish red. Superb flavor; very hardy; fine for home use; too tender to ship any great distance. **Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.**

### Fine Butterhead Lettuce

#### 397 May King

(See illustration.)

This remarkable variety has proven itself capable of satisfying the most exacting requirements that could be made on an early outdoor Lettuce. It is not easily affected by cold or wet weather, grows very quickly and produces, even in poor soil, splendid, globular heads very early in the spring. **Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.**



**Other "Butterhead" Lettuces  
395 Selected Big Boston**

(See illustration of 3 typical heads above)

A very desirable large variety for forcing in cold-frames and for outdoor planting. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. One of the most popular sorts in the South for shipment to Northern markets. It forms good-sized heads and does particularly well during the cool fall and spring months. Heads of a pleasing light-green color, firm and of superior quality. When grown in cold-frames, the heads are not as tight as when grown outside. One of the best market varieties we know. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**

**California Cream Butter.**



**408 California Cream Butter**

(See illustration)

Extra fine sort of this type, forming splendid, large, compact heads in cool weather. Heads round and solid; outside green; within the leaves are a rich, creamy yellow color; most delicious and buttery in taste. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**

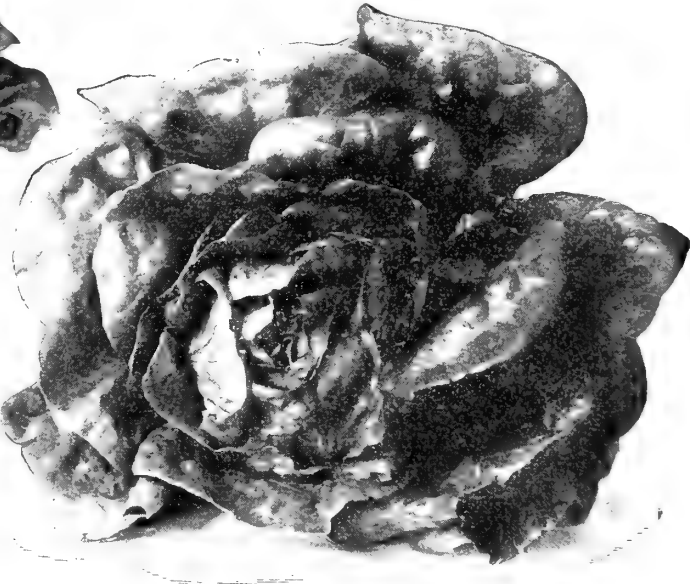
**409 Deacon**

(See illustration below)

While this Lettuce does not grow as large as some sorts, it has few outside leaves, grows very solid and has that delicious buttery flavor so much sought for and esteemed. The center of the head blanches to a bright yellow shade and is very crisp and tender, remaining so for a long time, even in hot weather. One of the finest sure heading summer sorts. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**

**410 Early White Cabbage, or Philadelphia Butter**

This old reliable variety is very tender, has large, solid, greenish white heads, and stands the heat extremely well. (See head No. 3 in illustration on next page.) **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**



Deacon Lettuce.

**411 Defiance Summer (Perpignan)**—Very long standing and one of the finest large growing cabbage varieties. Large, solid heads that are very slow in running to seed. The leaves are a beautiful bright green. (See head No. 2 in illustration on next page.) **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**

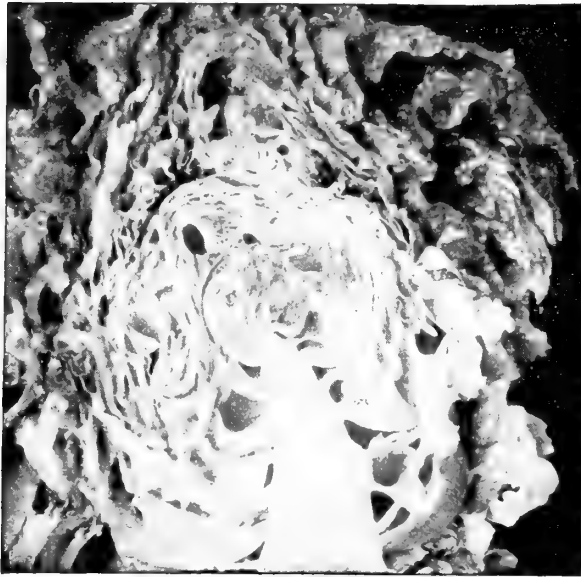
**412 Mammoth Black-Seeded Butter** Heads large, solid, blanching to white at center; leaves smooth, thick, brittle, tender and extra fine flavored. Long standing. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**

**414 Mammoth Salamander** Large, compact heads; color light green, shading to white at the center; leaves thick, smooth, tender and of fine quality. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.50.**

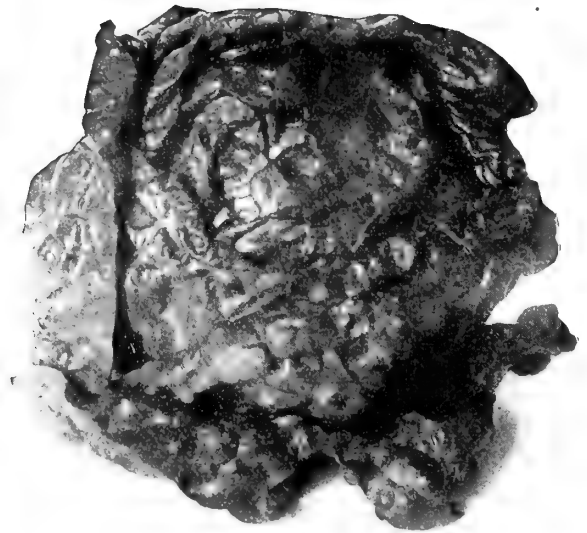
**We Could Produce "Cheaper" Seeds**

than those offered by us, but that would not be serving our customers right. "True Blue" stands for highest quality. We aim to grow the best seeds that brains, soil and climate will produce—for the sake of the man who plants them.

# Catalog of "True Blue" Seeds



Denver Market Lettuce.



Livingston's "Crisp-as-Ice" Lettuce.

## Best "Crisp-Head" Lettuces

### 418 Livingston's Crisp-as-Ice

(Introduced by Us in 1895)

A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name, **Livingston's Crisp-as-Ice**. The glossy leaves are thick, nicely crimped and curled; the outside leaves are beautifully variegated with dark bronze and green. The heads, when cut open, have a rich, creamy yellow heart. A superior family and home market Lettuce. **Pkt., 5c.; oz., 15c.; 1/4 lb., 50c.; lb., \$1.75.**

**419 Wonderful Lettuce (New York)**—(See head 1 below.) This splendid mammoth heading and long-keeping variety has been grown to weigh 6 pounds to the head, and frequently weighs 2 or 3 pounds. For exhibition purposes and for an outdoor all-season variety it is exceedingly valuable. The heart is solid, of light green color, very sweet, tender and crisp. Very long standing, perfect heads may be cut from the same bed for many weeks. **Pkt., 5c.; oz., 20c.; 1/4 lb., 60c.; lb., \$2.00.**

### 420 Denver Market, or Savoy Lettuce

(See illustration above.) An early head-Lettuce for forcing or open ground. Heads are large, solid and of a desirable light green. Leaves are beautifully marked and blistered; crisp, tender and delicious. **Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.50.**

**421 Iceberg** (See head 4)—A beautiful Lettuce, worthy of universal cultivation. Large, curly leaves of a bright, light green, with a very slight reddish tinge at the edges. Very handsome heads, usually solid because of the natural tendency of the large, strong leaves to turn in, which also causes thorough blanching. Crisp, tender and fine in every particular. **Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.50.**

### 422 Improved Hanson

(See head 5.)—None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling that of a flat cabbage. Extremely slow to run to seed. Outer leaves are bright green, inner leaves white and deliciously sweet, tender and crisp. The stock we offer is unsurpassed and gives entire satisfaction. **Pkt., 5c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.50.**

**427 Celery Lettuce, Trianon Cos**—This variety is the finest of the Cos or blanching sorts. The long, narrow leaves, which form solid heads, like Early Jersey Wakefield Cabbages, blanch and become snowy white. Excels in quality and crispness. The leaves, when blanched, are stiff like Celery, and can be eaten in the same manner. **Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1/4 lb., 40c.; lb., \$1.50.**

### 426 Livingston's Lettuce Mixture

One Sowing Produces Salad for the Season

Contains a grand assortment of decidedly distinct and excellent Lettuces. They mature early, medium and late; some curled and crimped, others produce heads. Colors range from almost pure white, through delicate shades of green and yellow to rich golden. All are delightfully fresh, crisp, tender and of excellent flavor. All sizes, from the small early to the mammoth summer varieties. **Liberal pkt., 10c.; 1/2 oz., 15c.; oz., 25c.**

## Special Lettuce Collection

One full-sized packet each of the following: Selected **Big Boston**, best head Lettuce; Selected **Grand Rapids**, early curled Lettuce; **Deacon**, finest "butter head" Lettuce—for 10 cents.



Wonderful.

Defiance Summer.

Philadelphia Butter.

Iceberg.

Hanson.



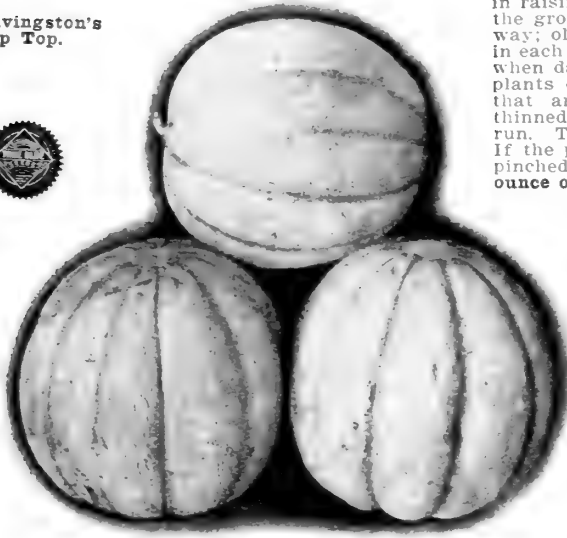
Mélon Almizcleño  
ó Cantalu

## Musk Melons or Cantaloupes Zucker Melonen

Livingston's  
Tip Top.



A rich, sandy soil and good seed are absolutely necessary for success in raising the best Musk Melons. The seed should not be planted until the ground has become dry and warm; plant in hills 6 feet apart each way; old, well-rotted manure should be thoroughly mixed with the soil in each hill and in liberal quantity. Put six to ten seeds in the hill, and, when danger from insects is past, leave three or four of the strongest plants only. Musk or Cantaloupe Melons may also be sown in rows, that are made about 6 feet apart, and when the plants are well up thinned to stand in hills 5 to 6 feet apart, just before the plants begin to run. This method insures a good stand of plants in spite of the bugs. If the plants grow very rank, the tips of the leading shoots should be pinched off when about 3 feet long. Cultivate often and not deep. One ounce of seed will plant 60 hills; 2 to 3 pounds will sow an acre.



### Best Red or Salmon-Fleshed Sorts 430 Livingston's Tip-Top

(Introduced by us in 1892)

Tip-Top in Quality---Tip-Top in Appearance  
Tip-Top in Productiveness

This splendid melon has "held its own" during the past 20 years against all introductions in the melon line, and no yellow-fleshed melon of which we have any knowledge compares with it in good qualities. The testimony of all who have used **Tip Top** is that every melon produced, whether big or little, early or late, is a good one—sweet, juicy, finest flavor, firm (but not hard) fleshed, and eatable to the outside coating. Its appearance on the market is very attractive—sells on sight. Customers soon learn to pick them out and will have no other variety. Fruit of large size, and flesh attractive bright salmon in color; nearly round, evenly ribbed, moderately netted, very productive. (See illustration above and in natural colors on back cover of Catalog.)

Be sure you get the genuine Livingston's Tip Top. We have been told that there are large quantities sent out every season for Tip Top that are far from true. We have grown a splendid crop of Tip Top the past season, and are offering it at reasonable prices for absolutely true seed stock.



PRICE—(Under our True Blue Seal), Superior Stock, Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.50.

**432 New Fordhook** A very beautiful new sort of most delicious flavor. It is very productive, solid, thick through. Ripens with the popular Rocky Ford. Fruits small, flattened. We highly recommend this new sort. It's one of the sweetest we know. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

### 437 Emerald Gem

(See illustration below from our own photo)

Ripens early; medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained, and very few melons can compare with it in superb flavor. The rind is thin, dark green, ribbed, slightly netted. One of the best for home use. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

**436 Burrell Gem** (See illustration below)—A superior new orange-fleshed shipping melon. Of splendid flavor, sweet and aromatic; oblong in shape, smoothly rounded ends, closely netted and slightly ribbed, dark green skin. The rind is thin, but very tough; flesh exceptionally deep rich salmon-orange color. Fruits average 6 inches long by 4 inches deep. Very fine for marketing. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**433 The Davis Grand** "The Grand" is 10 to 14 days earlier than the Osage, under the same conditions. It is salmon-fleshed, and is of remarkably uniform size, and color and flavor of flesh are very fine. It sets fruits near the roots, has a more vigorous vine and therefore resists disease better than most sorts. Fruits average about 6 inches in diameter. Extra choice seeds, saved by originator especially for us. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.



**Emerald Gem.**

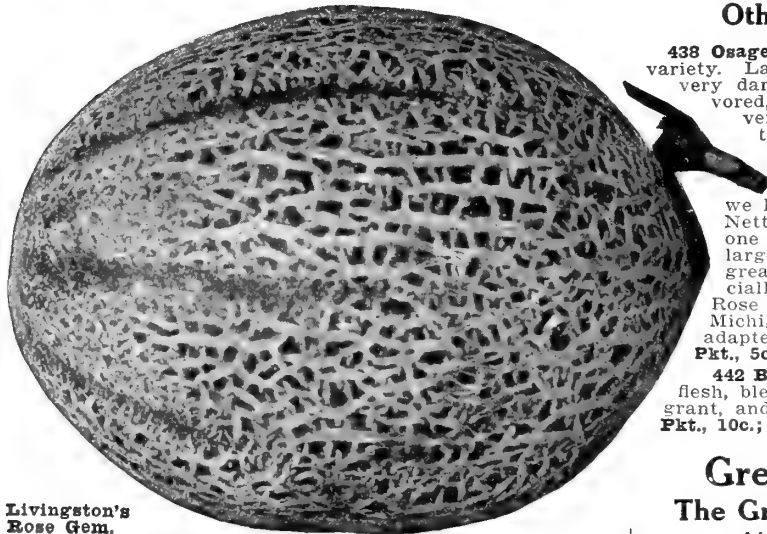


**Burrell Gem.**

**As Grown in Our Trial Grounds.**



# Catalog of True Blue Seeds



Livingston's  
Rose Gem.

## 450 Livingston's Market

Has beautiful, close, strong netting; a most vigorous grower; very hardy, withstands drought, blight and bugs remarkably well. An attractive and quite distinct variety. Very prolific, uniform in size and has a long fruiting season. Fruit solid; small seed cavity, seldom bursts; green fleshed; of splendid flavor. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

## 454 "Rocky Ford" Melons

An improved Netted Gem Melon with sweet, green flesh. In the hands of the Rocky Ford (Colorado) growers it has made that state famous in Eastern markets for melons of unequalled quality. Our seed was grown for us at Rocky Ford by an expert, and is saved especially for seed purposes from selected melons. (Illustrated below.) **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

## 456 Extra Early Hackensack

Produces melons two weeks earlier than the well-known Hackensack; heavily netted, and has light green flesh of most delicious flavor; a splendid Cantaloupe melon. Its shape and solidity admit of its being packed very closely in crates for shipment, and it will keep in good condition for several days after picking. Large, fine form; grown also for the home garden very extensively. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**458 Acme, or Baltimore Nutmeg**—Has a beautiful, heavily netted, green skin; good size; shape is oval, slightly ribbed; flesh thick, green, very finely flavored, smooth, always very sweet, and most productive. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**459 Long Island Beauty**—A splendid variety, on the style of the Extra-Early Hackensack, but slightly more ribbed. It is of very superior quality, with green flesh, and densely netted. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**460 Extra-Early Green Citron**—The largest of the very early nutmeg melons. Form nearly round; fairly netted; flesh green; quality very fine. **Pkt., 5c.; oz., 15c.; 1 lb., 30c.; lb., \$1.00.**

## Some Other Good Musk Melons

We can always supply the following varieties at the uniform price of—**Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25** (except where otherwise noted): 466 Perfection, 468 Cassaba, 469 Surprise, 457 Hackensack, 470 Early Green Nutmeg, 471 Jenny Lind, 472 Montreal Market, and 473 Champion Market.

## Special Melon Offer

Three of Livingston's introductions—Tip Top, Rose Gem, and Livingston's Market—One regular packet of each, 15 cents, postpaid.

## Other Yellow Fleshed Musk Melons

**438 Osage, or Miller's Cream**—A favorite salmon-fleshed variety. Large, oval, slightly ribbed and netted; skin is very dark green. Flesh is very thick and sweet flavored, most delicious to the rind. The whole crop is very even and fruit extra heavy, owing to this thickness of the flesh. A great favorite for both market purposes, and the home garden especially. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.50.**

**439 Paul Rose (Petoskey)**—In the Paul Rose we have a successful cross of the Osage with the Netted Gem, which combines the sweetness of the one with the fine netting of the other. In fact, a large size Netted Gem with deep orange flesh. A great producer; as early as the Netted Gem. Especially adapted to shipping in baskets. The Paul Rose originated with an extensive grower of northern Michigan, where the climate seems particularly adapted to the production of high-quality melons. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**442 Banana**—Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant, and one of the most delicious of melons. Early. **Pkt., 10c.; oz., 20c.; 1 lb., 60c.**

## Green-Fleshed Musk Melons

### The Grandest of All Green-Fleshed Sorts

#### 448 Livingston's "Ohio Sugar"

is fully described and illustrated on page 6, and shown in natural colors on page 9. Would space permit, we could fill many pages with illustrations and testimonials, setting forth the really superb characteristics of this surpassing sort. Livingston's Ohio Sugar is sold only under our "True Blue" Seal at 10c. per pkt.; 1/2 oz., 20c.; oz., 35c.



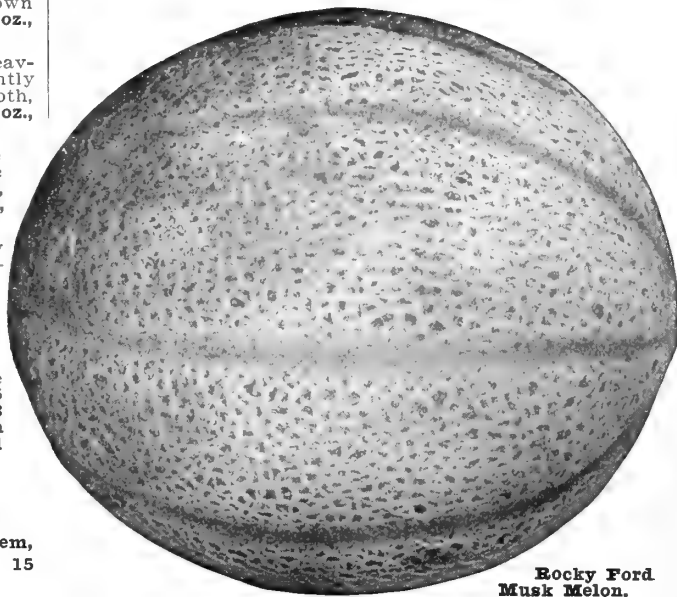
#### 449 Livingston's Rose Gem

A Fine Green-Fleshed Shipping Musk Melon Named and Introduced by Us in 1896

The illustration above is a reproduction of a photograph of this improved Netted Gem Melon. In shape it is more oval than the original strain, which gives it additional strength to stand long-distance shipping. The size has been greatly improved without losing a single day in earliness. One of the best and most profitable extra-early melons in existence for market gardeners and shippers, being especially adapted to basket-shipping. The beautiful green flesh is fine grained, as "smooth as butter," and of the most delicious quality. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**



**455 Burpee's Netted Gem**—This very early Cantaloupe melon is one of the most delicious in the whole list. Small and round in shape. Firm, green flesh. Sweet and luscious clear to the rind. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**



Rocky Ford  
Musk Melon.



Livingston's Strains of Water Melons Excel in Uniformity of Product.

Sandias **Water Melons** Wassermelonen

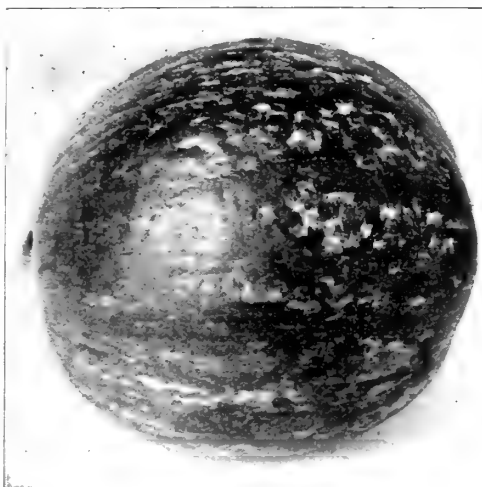
A light, sandy soil, with good exposure to the sun, is the best situation to plant Water Melons. The ground should be prepared deep, but receive shallow cultivation. Hoe often and very thoroughly. If extra-large Water Melons are desired, for exhibition purposes, leave but one or two on a single vine. Plant in hills 8 to 10 feet apart each way, with a very generous shovelful of well-rotted manure mixed with the soil in each hill. If commercial fertilizer is used, it should contain a large percentage of ammonia and potash. Plant eight or ten seeds in each hill, and finally, when danger from insects is past, thin out to three strong plants. **Owing to the large size of Water-Melon seeds, the ounce size packets are about right for small gardens. One ounce of seed will plant 20 to 30 hills; four or five pounds will plant an acre.**

**542 Tom Watson**

An extra long melon of attractive appearance, uniform in shape and quality. The luscious crimson flesh is "as sweet as honey," melting, and of superb flavor. The average melon will weigh 35 to 40 lbs. and measure about 28 inches long and about 12 inches in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. (See illustration of specimen fruit below.) We have great faith in the **Tom Watson** and believe it is one of the very best Water Melons ever offered. Sure to take a leading place with large melon growers and shippers. **Pkt., 5c.; oz., 15c.; 1 lb., 50c.; lb., \$1.50.**

**512 Ice Cream**

This old stand-by has too thin a rind for shipping unless packed in straw. We have sold it for many years to our extensive Scioto Valley water melon growers, because it has become such a great favorite with Columbus (O.) water melon dealers, and consumers as well. Few varieties, if any, surpass a **True Ice-Cream Water Melon** for quality and productiveness. Of good size, medium early, fruit oblong; rind light mottled green; flesh bright scarlet and solid to the center, melting, delicious. Absolutely free from hard core or stringiness. An elegant sort. Seeds white. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**



**520 Livingston's Nabob**

Named and Introduced by Us in 1895

**The Best for Home Garden, Market Garden and for Shipping. Deep Red Flesh. Crisp, Sparkling, Deliciously Sweet**

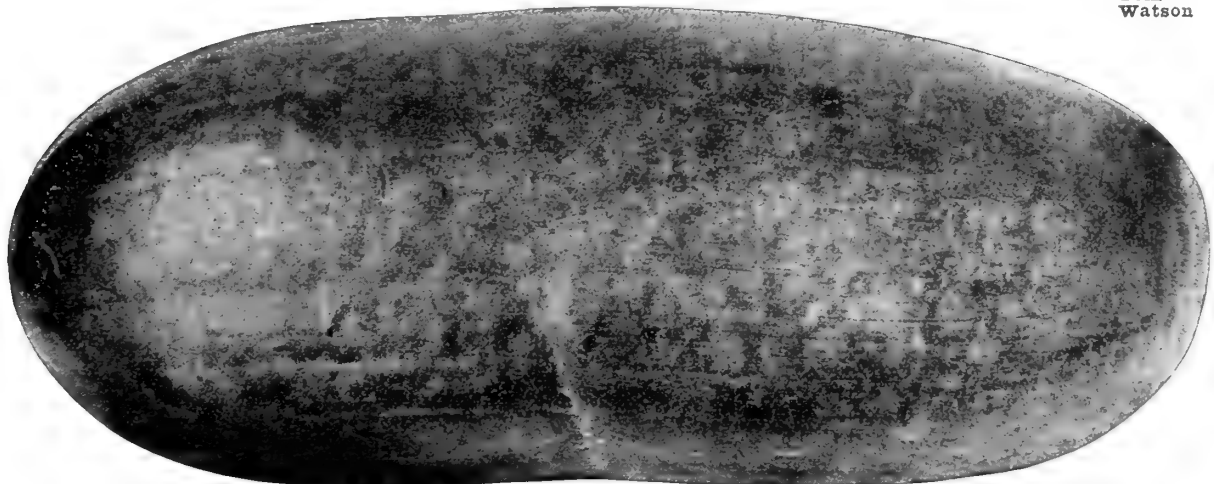
A melon for all sections; equally valuable for Northern or Southern States. Vines hardy, vigorous, healthy and productive; fruit large and heavy (weighing 30 to 60 lbs.), resembling the Kolb Gem in shape, but differing in color, being peculiarly mottled, rather than striped. (See illustration.) Rind thin and very firm; fruit keeps a long time, and is not excelled in shipping qualities; seeds dark buff or dun color; flesh the deepest scarlet, firm, solid and of richest flavor. Does equally well on different soils, in various climates and under unfavorable as well as favorable conditions. Everyone praises its many splendid qualities. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**



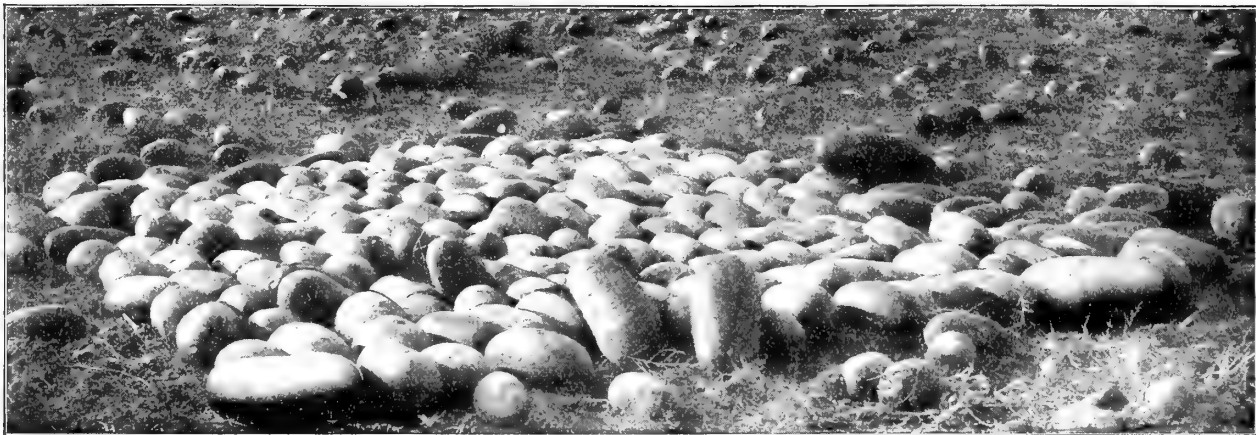
**508 Halbert Honey**

A very sweet, long, dark green variety. Fruits average 15 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seeds white. One of the finest for the home garden. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

Tom Watson



# Catalog of "True Blue" Seeds



Field of Kleckley Sweets Water Melons.

## Water Melons—Continued

### 516 Kleckley Sweets

This splendid and most sweet Water Melon has certainly become very popular wherever it has been thoroughly tested. It is of superb, luscious flavor. While the skin is perhaps too thin to admit of the melons being shipped very great distances to market, it is most desirable to plant for home use or local markets. The melons themselves are very large, oblong in form, with dark green skin, thin rind, which is very brittle. Flesh bright scarlet, with solid heart, deliciously crisp, sugary and splendid in every way. The melons average 18 to 20 inches in length by 10 to 12 inches in diameter; of handsome appearance; ripens early, and is most desirable for the home garden. (See illustration above.) **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

### 499 Florida Favorite

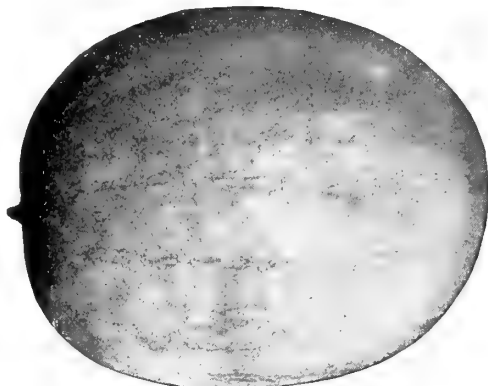
(See illustration below.) A splendid oblong melon; ten days earlier than Kolb's Gem. Skin dark green, slightly mottled with still deeper shade; flesh dark red and of finest flavor and quality. We have a splendid stock of this melon to offer, at an exceedingly low price. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

### 489 Blue Gem (Iceberg)

One of the most popular market and shipping varieties. Grown very extensively in the South for Northern markets, and is today the favorite variety with the Water Melon growers of New Jersey, who supply the Philadelphia and New York markets; it keeps well and seldom cracks or splits in transit. Its flesh is a beautiful shade of dark red. Deliciously sweet. Heart large, and the edible flesh extends very close to the dark outer rind. Melons very uniform in size and shape. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 40c.**

### 540 Sweet-Heart

Very popular. One of the best. This fine variety is an entirely distinct and handsome Water Melon. Vine vigorous and productive, ripening early. Fruit large, oval, very heavy, uniformly marked with light and dark green lines. Flesh bright red, solid and very tender, melting and deliciously sweet. The melons retain their good qualities for a long time after ripening and being gathered. (See illustration below.) **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.**



Sweet-Heart,

## Other Standard Varieties of Water Melons

### 528 Ferry's Peerless

One of the best for home gardens and market gardeners who deliver direct to customers. Medium size; flesh red, tender and delicious. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**



Florida Favorite.

**485 Alabama Sweets**—Large, dark green melons of oblong shape and fine quality; skin faintly netted with lighter green stripes. Flesh bright red, of delicious flavor. A good shipper. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

**491 Cole's Early**—Very hardy; a sure cropper for Northern states. Delicate in texture of flesh, which is dark red; rind green, striped with lighter shades, thin and very brittle; of medium size, and nearly round; matures early; especially good for home use. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**493 Preserving Citron**—Red seeded; most desirable for preserves; flesh solid and white. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**495 Cuban Queen**—A large variety, weighing 80 pounds and upwards; striped light and dark green; an enormous cropper. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**497 Duke Jones (Jones' Jumbo)**—Color of the skin is a solid dark green; flesh very bright red, particularly sweet, juicy and melting. It grows to a large size. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.**

**501 Fordhook Early**—The earliest and best melon of good size. Next to Cole's Early in time of ripening, but much larger. Fruit round; outer color medium green; flesh is bright red, of fine quality. Good shipper. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**



## Water Melons—Concluded

### 503 Georgia Rattlesnake, or Striped Gypsy

Very large, long, smooth and distinctly striped; flesh bright scarlet, very crisp and sweet. (See illustration alongside.) Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**505 Girardeau's Triumph**—Of large size and handsome appearance. Skin bluish-green, flesh dark red, of good quality. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

**507 Gray Monarch**—Very large; oblong in shape; crimson, sweet flesh. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.

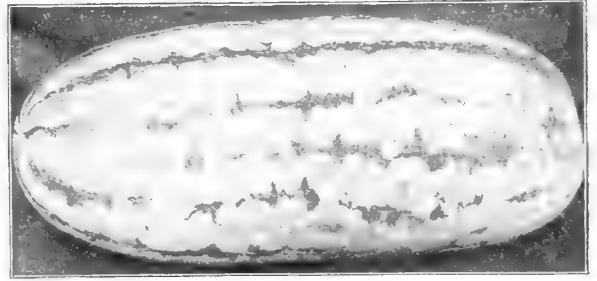
**510 Harris' Earliest**—Large, oval sort with mottled skin. Sweet, tender flesh. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**514 Improved Dixie**—Fruit beautifully striped; surpassed by few for shipping or table; long keeper; flesh very red, sweet and juicy. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 50c.

**518 Kolb's Gem** Probably the most extensively grown for long distance shipping of any Watermelon ever originated. The flesh is bright red and of good flavor. Melons large, of very thick, oval blocky form; skin handsomely marked in stripes of light and dark green. One of the most productive and best keeping melons. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

**524 McIver Wonderful Sugar**—Large, oblong and handsome; skin shows broad bands of light green, with narrower ones of dark green. Its rose-colored flesh is crisp, very sweet and solid to the center. A choice variety. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.

**530 Phinney's Early**—One of the first to ripen, of good size and very productive; shape oblong; rind a distinct mottled color; flesh deep red; quality excellent. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.



Georgia Rattlesnake, or Striped Gypsy.

**532 Pride of Georgia**—A dark green, oval variety; very fine, large, second-early sort; a good shipper and keeper. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

**534 Dark Icing**—One of the sweetest of all Water-Melons. Very solid; thin rind; rich red flesh. Quite early and noted for its splendid quality. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**538 Seminole**—One of the best large, long Water-Melons. Early, enormously productive and of most delicious flavor. Of two distinct colors—gray and light green. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**536 Light Icing, 526 Mountain Sweet, Johnson's Dixie**—We can supply the above at the uniform price of—Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.

## Seta Livingston's Sure-Crop Mushroom Spawn *Champignonbrut*

Mushrooms will usually do well almost anywhere if a fairly uniform temperature can be maintained. One pound of Spawn is sufficient for a bed 2 x 6 feet. We receive fresh Spawn several times a year from the best makers. A careful study of one of the books below will help you to be successful.



**English Milltrack Spawn (Livingston's Sure Crop)**—Postpaid, per brick, 30c.; 5 for \$1.25. By express, at buyer's expense—Lb., 15c.; 5 lbs., 65c.; 10 lbs., \$1.10; 25 lbs., \$2.50; 50 lbs., \$4.50.

**American, Pure Culture Spawn**—Produced by the new grafting process from selected and most prolific varieties; has never failed to run. Per brick, 35c.; 5 for \$1.50, by mail, postpaid. By express, at buyers' expense—Per brick, 25c.; 5 bricks, \$1.00; 10 bricks, \$1.85.

**Mushrooms: How to Grow Them.** Falconer. 169 pages. Cloth, Price, \$1.00.

**How to Grow Mushrooms**—A booklet of 14 pages with full and complete instructions to grow Mushrooms successfully, will be mailed on receipt of 10c., or free with an order for 5 bricks.

## Mostaza Mustard *senf*

Used as a condiment; the green leaves are used as a salad, or cut and boiled like Spinach. Cultivate same as Curled Cress or Pepper-Grass. One ounce of seed will sow 50 feet of drill.

### 550 Southern Giant Curled

Is highly esteemed in the South, where the seed is sown in the fall and plants used early in spring as a salad. Seeds brown. Plants are 2 feet high; enormous bunches. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.

**552 Chinese**—A giant curled variety with leaves double the size of the ordinary. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.

**554 White English**—Leaves are light green, mild and tender when young; seed light yellow in color. Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 40c.

**556 Brown or Black Mustard**—More pungent in flavor than the White. Seed black. Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 40c.



Perkins' Mammoth Okra.

## Okra, or Gumbo

Very wholesome. The pods, when young, make a fine soup. Plant seed after the ground is warm and dry in drills 3 feet apart, thinning the young plants to 1 foot apart. Make early and late sowings to secure a supply throughout the season. Easy to grow in any good garden soil. One ounce of seed will sow 40 feet of drill.

### 620 White Velvet

Distinct in appearance; the large pods are perfectly round, smooth, an attractive velvety white, of superior flavor and tenderness. Plant dwarf, of compact, branching growth; very prolific. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 55c.

### Perkins' Mammoth

Plant dwarf; are very productive. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra choice variety. (See illustration alongside.) Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.

### 622 Kleckley's Favorite

Plants are of compact growth, with many close joints. At each leaf joint develop handsome, smooth, white pods which average 6 inches long, by 1 inch in diameter. They are exceptionally fleshy and tender. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

Wm. Hawley, Kane County, Ill., writes: "Please send me two packets Livingston Snowwhite Celery. Some of the finest celery I saw last fall was grown from that sort."



# Catalog of True Blue Seeds



Planting Ohio Yellow Globe for Seed Production, True Blue Farm.

## Cebollas Livingston's Superior Onion Seeds Zwiebeln

So proud are we of our "Private Strains" of the leading American Onions that we have given them pages 7 and 8, among the Specialties in this Catalog. Be sure to consult those pages for additional information about Livingston's Superb Onion Seed

**Culture** Onion seed should be sown as soon as possible in the spring, even if the weather is cold, just so the soil works up well. This gives the onions a good start and ahead of weeds and before dry weather sets in. After thoroughly pulverizing the soil, sow thinly 4 to 5 lbs. to the acre, in drills 1 foot apart and about 1/2 inch deep. When well started, say 4 inches high, thin out to stand 3 to 4 inches apart in the rows, keeping them well hoed and free from weeds. Onions delight in rich, deep, sandy loam and succeed well if grown for a succession of years on the same ground. Deep plowing prevents blight. For heavy crops of finest shaped and high colored bulbs, especially Ohio and other Yellow Globes, large quantities of well-rotted manure must be used—15 to 20 cords per acre would be none too much. If this is not to be had, use high-grade commercial fertilizer, with large percentage of potash. Onions keep best when ashes are used as fertilizer. When harvesting, protect the bulbs from rain or dew while in the open air or they will be discolored. On application we will send booklet

giving more complete cultural directions for growing onions, both by the ordinary method as well as by the new Transplanting Method, FREE to customers, 10c. to others. All onion growers should have it.

**About Quality in Onion Seed** It is many times better to plant no Onions at all than to sow the absolutely worthless stuff sold in so many cases and called Onion seed—and which often is purchased because it was low in price. Strictly

### FIRST QUALITY ONION SEED

can never be low in price. It costs a certain amount to select, sort, keep the bulbs over winter, and again the next season raise the crop of seed; and the nearer to perfection in every respect the seed is brought, the more it costs.

### We Would Like to Sell You Your Onion Seed

as we honestly believe our various varieties are right. But, wherever and from whomsoever you supply your needs, buy seed of known Reliability and established Standard Quality.

## American Varieties of Onions 560 Livingston's Extra-Selected Ohio Yellow Globe

Distinct and attractive shape; handsome, bright, even color; ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality. Please refer to page 7 for additional description and illustration of this superb sort. Pkt., 5c.; oz., 20c.; 1/2 lb., 60c.; 1 lb., \$2.00.



## 566 Select Danvers Yellow Globe

Of large size, an early and abundant cropper, very thick bulb, flat or slightly convex bottom, full oval top, with a small neck and rich brownish yellow skin. We consider our strain of Globe Danvers just right for critical growers. Please consult page 7 for additional description and note illustration to left which shows the type of bulbs we plant for seed stock. Pkt., 5c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., \$1.75.

## 562 Yellow Flat Danvers

A splendid extra-early Yellow Onion for either market or home use. Flatter than the Select Yellow Globe Danvers; long keeper; flesh white, fine quality. Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; 1 lb., \$1.25.

## 564 Southport Yellow Globe

A fine large Yellow Onion, perfect globe-shape, of uniform size, handsome form and the same excellent qualities as the Southport White Globe. Of delicate straw color, attractive appearance and mild flavor. Pkt., 5c.; oz., 20c.; 1/2 lb., 50c.; 1 lb., \$1.75.



Select Danvers Yellow Globe as We Grow It.



**American Onions—Continued**

**570 Mammoth Yellow Prize-Taker**

**EQUALLY AS TENDER AS THE POPULAE BERMUDA**

This is the large, beautiful Spanish variety so often seen in the fruit stores and markets of all large cities. Enormous size—14 to 16 inches in circumference. Although of such great size, it is very hardy and a good winter keeper, as it ripens up hard and firm; very fine grained, and of mild, delicate flavor. The outside skin is rich yellow, while the flesh is white. They bottom well, are free from stiff necks, and have produced more bushels of marketable Onions to the acre than any other variety. In the markets they attract much attention and sell readily at good prices. Our stock is True American grown seed. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**A Splendid Onion of the Prize-Taker Type, for the South**  
**571 Gigantic Gibraltar**

Grown alongside of Prizetaker, this excellent type is especially noticeable on account of its bluish green, glossy foliage which resists insect attacks to a remarkable extent, and withstands dry weather better than any other sort. Ripened bulbs greatly resemble Prizetakers in size and shape, but the skin is, perhaps, a little more of a straw yellow. It grows longer than Prizetaker and, on that account, in warm localities, the bulbs become larger in size than Prizetakers. Worthy of a careful trial. **Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.**

**574 Yellow Dutch, or Strasburg**—The most popular variety for yellow onion sets. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.50.**

**572 Australian Brown**

This variety has become very popular because of its good keeping qualities. The bulb is medium sized, nearly spherical, being slightly flattened; reddish brown in color and very hard and solid; rather strong flavored. **Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.**

**568 Livingston's Brown Beauty**

Finest for sets. Fully described and illustrated on page 8. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**White Sorts**

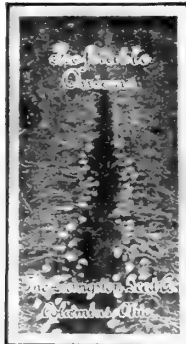
**580 Southport Large White Globe**

The handsomest Onion grown; beautiful silver skin, perfect globe shape; of large and uniform size. Fully described and illustrated on page 8. **Pkt., 10c.; oz., 30c.; 1 lb., 90c.; lb., \$3.25.**

**582 Indiana Silver Skin**—This is a strain of pure white Onion that produces round, hard Onion sets, for which we highly recommend it to you. The bulbs, when fully matured, are flat. **Pkt., 5c.; oz., 20c.; 1 lb., 60c.; lb., \$2.00.**

**578 White Portugal, or Silver Skin**—Matures very early; rather flat in shape; mild flavor; excellent for winter; very much esteemed for pickling when small. **Pkt., 5c.; oz., 20c.; 1 lb., 60c.; lb., \$2.00.**

**583 Philadelphia White Silver Skin**—A good-sized white variety when full grown, and makes a most beautiful, firm, round, pearly white Onion set, for which it is very extensively grown the country over. **Pkt., 5c.; oz., 20c.; 1 lb., 60c.; lb., \$2.00.**



**"Profitable Onions"** is the title of a unique onion booklet. It tells all about the old and new method of growing large onions from seeds, describes the finest strains of American onions procurable and shows how we produce them. Ohio-grown onion seed is the finest that can be grown. Rich soil, ideal climate, constant selection and careful methods in seed production give our onion strains characteristics not found in the common article. Whether you raise onions for profit or for home use, you should plant Livingston's Ohio-grown Onion Seeds for best results with this crop. Read "Profitable Onions" and learn some of "the reasons why." Free to all onion growers.



**Mammoth Prize-Taker Onion. Packet, 5c.**

**Red Varieties**

**588 Large Red Wethersfield**

This is a standard red variety. Large size; skin deep red; form round, somewhat flattened; flesh purplish white. One of the best keepers. Yields enormous crops. For additional description of our very fine strain of this sort, see page 8. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

**590 Southport Large Red Globe**

A very showy market Onion. The heaviest yielder of all the globe onions. Full description and illustration on page 8. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; lb., \$1.75.**

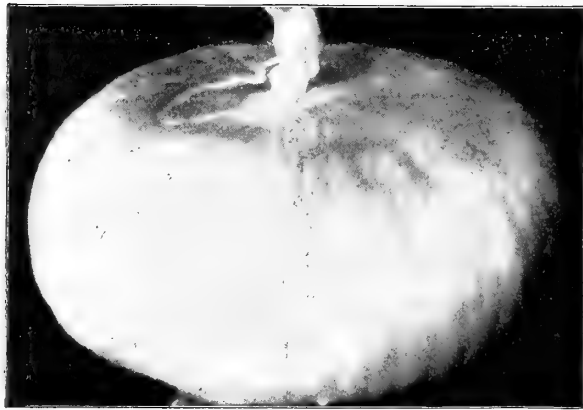
**586 Extra-Early Red**

Medium size, very uniform in shape; smaller than Large Red Wethersfield, but two weeks earlier; an abundant producer; good keeper; desirable for early market. **Pkt., 5c.; oz., 20c.; 1 lb., 40c.; lb., \$1.25.**



**Onions Growing on Our Kirkersville Farms—Note Open Ditch.**

# Catalog of True Blue "Seeds"



Mammoth Silver King—One-half Natural Size.

**603 Neapolitan Maggiajola (Italian May Onion)**—A large, flat, beautiful silver-white skinned variety; one of the earliest of all and of very mild flavor. A large and handsome sort. Sells very readily in the markets, especially in the South. **Pkt., 5c.; oz., 25c.; 1 lb., 60c.; lb., \$2.00.**

## Foreign Varieties of Onions

**604 Extra-Early White Barletta Onion**—The very earliest Onion in cultivation. One of the best for pickling, being naturally quite small. Pure white, mild and delicate; adapted for table use; makes an extremely pretty bunch Onion. **Pkt., 5c.; oz., 15c.; 1 lb., 45c.; lb., \$1.50.**

**605 Hard Round White Silver Skin**—For pickling only. Small, round, handsome; an opaque white skin; very hard and crisp. **Pkt., 5c.; 1/2 oz., 10c.; oz., 20c.; 1 lb., 60c.; lb., \$2.00.**

## 606 Mammoth Silver King

(See illustration)

Of attractive shape, with silver-white skin and flesh of most agreeable, mild flavor. It matures quite early, coming in just after the Onions grown from sets are gone. Matures to a larger size than any other of the flat varieties. **Pkt., 5c.; oz., 25c.; 1 lb., 75c.; lb., \$2.25.**

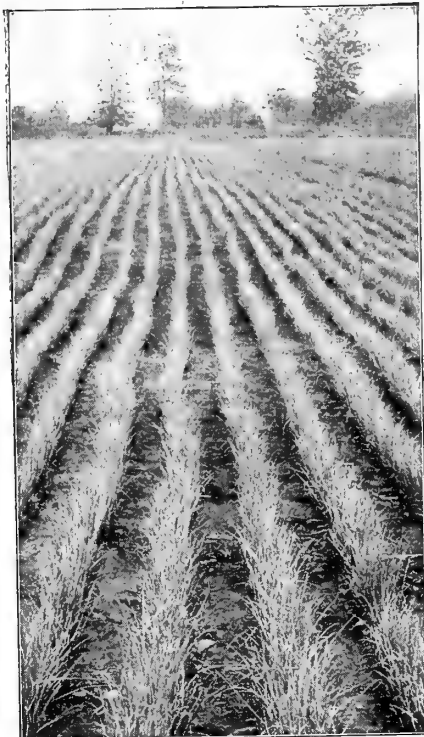
**603 Earliest White Queen**—A very early pure white, small, flat Onion, 1 or 2 inches in diameter; when sown early in the spring, will ripen in July. Very mild flavored. Fine for pickling. **Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1 lb., 45c.; lb., \$1.50.**

## Livingston's Choice Onion Sets

Steckzwiebeln

Early green Onions are obtained much earlier by setting out sets than by sowing seed. Some of the latter, however, should be sown to follow the crop grown from the Onion Sets. Plant both Onion Sets and seed as soon as the ground is warm and dry in the spring.

**Onion Set Prices** Our prices are based on the present market rates and are subject to market changes. It is impossible for us to make fixed prices. Lowest market prices on large or small quantities will be given on application at any time. We handle Onion Sets in large quantities. At bushel, peck and half-peck prices the buyer pays the express or freight charges; at pint and quart prices we pay the postage and send the sets by mail. Order Onion Sets early.



Onion Sets on Our Kirkersville Farms.

**Egyptian Winter, or Perennial Tree Onions** are sold only in the fall.

See Fall Catalog regarding this variety, as autumn is the time to set them out.

## White Multipliers

Pure silvery-white, enormously productive, frequently 20 bulbs in a cluster from a single bulb. Of excellent quality and size for bunching green, or can be ripened for pickling Onions. Remarkably good keeper; very early. **Pkt., 20c.; qt., 35c., postpaid. By express, 1/2 pk., 75c.; pk., \$1.25; bu., \$4.75 (measured).**

**Top Sets, or Buttons ("Toppys")**—These produce the small clusters on top of the stem, where seed is produced with bottom Onions. These clusters are separated and planted in the spring, the result being large Onions, and these large ones, with one year's growth, produce the clusters on top again. **Pt., 15c.; qt., 30c., postpaid. By express, 1/2 pk., 60c.; pk., \$1.00; bu., (28 lbs.), \$4.00.**

## Standard Onion Sets (Bottom Sets)

are grown from seed sown very thick in broad, shallow furrows, and covered about half an inch deep. These are the little Onion Sets so much planted for first early Onions. One bushel weighs 32 pounds.

	Postpaid.	By Express, not prepaid.
White Onion Sets.....	Pt., 15c.; qt., 30c.; 1/2 pk., 50c.; pk., 90c.; bu., \$3.25	
Red Onion Sets.....	Pt., 15c.; qt., 30c.; 1/2 pk., 50c.; pk., 80c.; bu., \$3.00	
Yellow Onion Sets.....	Pt., 15c.; qt., 30c.; 1/2 pk., 50c.; pk., 80c.; bu., \$3.00	

## Ask for Your Copy of Our Free Onion Booklet

Every onion grower should have "Profitable Onions," the booklet described on preceding page. Whether you grow onions for home use or marketing, we know the booklet will help you solve many problems arising in connection with an onion crop in the course of a season. Many years of intensive studies have familiarized us thoroughly with the requirements necessary to be successful in onion culture. We have given you the benefit of a large experience in the pages of this booklet which, incidentally, will tell you why we are so proud of Ohio-grown onions.



Perejil **Parsley** Petersilie

Parsley is used for seasoning soups and stews, for salads, and is also very universally used for garnishing; also for ornamental borders in the flower garden; succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks sometimes elapse before it makes its appearance. It should be sown early in the spring. **One ounce of seed will sow about 150 feet of drill.**



**625 Livingston's Exquisite**

One of the main features in any variety of parsley is the ornamental effect of its leaf when used for garnishing. This is a very strong point in our Livingston's Exquisite, with its very elegant and closely curled leaves of beautiful dark green, while the flavor is all that could be desired. As a pot plant for winter decoration it is simply "exquisite."  
**The finest strain of Curled Parsley that has ever come under our notice. Pkt., 5c.; 1/2 oz., 10c.; oz., 15c.; 1 lb., 50c.; lb., \$1.75.**



**627 Fine Double Curled**

Dwarf, beautifully curled; very fine variety. **Pkt., 5c.; oz., 15c.; 1 lb., 35c.; lb., \$1.00.**

**628 Champion Moss Curled**

More densely crimped and curled than some other sorts. **Pkt., 5c.; oz., 15c.; 1 lb., 35c.; lb., \$1.00.**

**629 Plain** Much used for soups and stews; rather stronger in flavor than other varieties. **Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 35c.**

**630 Hamburg, or Turnip-Rooted**

A rooted variety; the fleshy roots resemble Parsnips, and are used in soups and stews. **Pkt., 5c.; oz., 20c.; 1 lb., 40c.; lb., \$1.25.**

Charles Hermany, Carbon Co., Pa., writes as follows: "Seed came to hand recently and is all O. K. Thank you for filling the order so satisfactorily."

George H. Marston, Huntington Co., Ind., writes as follows: "Received shipment of seeds in fine condition. Was surprised to find such large packets for the price."

Livingston's Exquisite Parsley.

Chirivia **Parsnips** Pastinake

Sow as early in the spring as the weather will permit, in drills 15 inches apart and half an inch deep, in rich, well-manured ground, well dug. Cultivate similar to Carrots, and thin to 6 inches apart in the rows. The roots improve by being left in the ground until spring, securing enough in pits or the cellar for winter use. **One ounce of seed to 200 feet of drill, 5 or 6 pounds for an acre.**

**634 Large Sugar, or Hollow Crown**

(Improved Guernsey)

White, smooth, sugary, excellent flavor, easily harvested. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**635 Long White Dutch**

Roots are very long and smooth; one of the best varieties for general use. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**





# Catalog of "True Blue" Seeds

## Chicaros 6 Guisantes Livingston's Choice Peas Erbsen

Peas mature early, when in a light, rich soil. For the general crop, a rich, deep loam, or clay, would be best. Peas thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires enriching, use well-rotted manure; and for the dwarf varieties you can hardly make the soil too rich. When grown as a market crop, Peas are seldom staked or bushed, but are sown in single rows 3 to 4 inches deep, the depth depending on the time of sowing, nature of the soil, as well as the variety. Wrinkled varieties are not as hardy as the smooth sorts, and if planted early should have dry, warm soil, and not planted deep, or they are liable to rot in the ground. These wrinkled varieties are, however, the sweetest and best flavored. Rows for planting should be from 2½ to 3½ feet apart, according to the kind, soil and manner of culture desired. When grown in the kitchen garden, it is best to sow the seed in double rows, 6 to 8 inches apart, the tall sorts requiring brush. Commence sowing early varieties as soon as the ground can be worked in the spring, and continue, for a succession, every two weeks up to end of June, discontinuing until the middle of July, when a good crop can sometimes be secured by sowing an extra-early sort. One quart sows 100 feet of row; 1½ bushels for an acre.

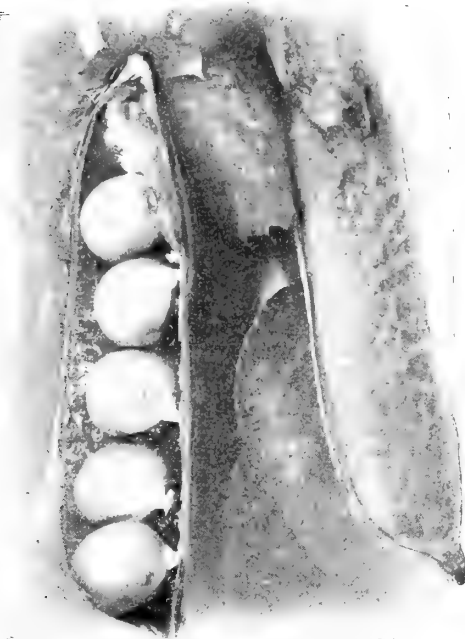
☞ Packets of Peas or Beans are heavy, and packets put up by some seedsmen to sell at five cents, postpaid, contain too small a quantity for any family. We therefore supply liberal sized packets at Ten Cents, postpaid. We prefer to please our customers rather than disappoint them.

We pay the postage at prices quoted on quarts, pints and packets. If to go by express or freight, at buyer's expense, 15c. from quart or 8c. from the pint prices may be deducted. On larger quantities the prices do not include freight or express charges.

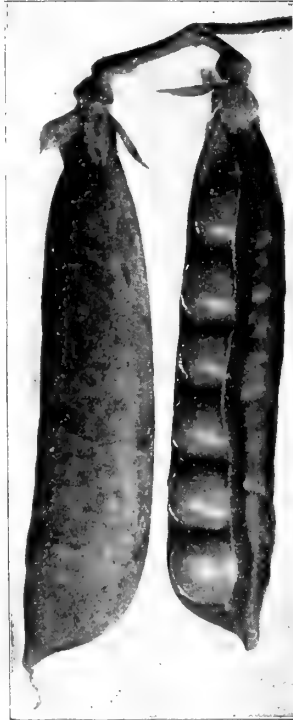
**IMPORTANT NOTICE**—Owing to a succession of years of extremely short crops in seed peas, stocks have become very low. The crop of 1911 was not any better than that of the two preceding years. Prices quoted are the lowest that can be made, quality considered. Beware of "cheap" seed peas this year. They are sure to disappoint.

### Round Seeded Extra Early Sorts 640 Livingston's Prolific Early Market (First Offered by Us in 1901)

None of the numerous Extra-Earlies compare with Livingston's Prolific Early Market in length of pod, number of peas in a pod, or number of pods to the vine. Many single plants yield 40 to 50 fully developed peas as the result of one seed sown. The quality is the very best, one of the sweetest and finest flavored of the earliest smooth varieties. Vines grow about 30 inches in height. This sort is the most satisfactory Extra-Early Pea that can be sown, either by the market gardener, canner or in the kitchen garden. (See illustration.) Large pkt., 10c.; ½ pt., 20c.; pt., 30c.; qt., 50c.; ½ pk., \$1.30; pk., \$2.50.



Thomas Laxton.



Alaska Peas.

is especially fine. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.10; pk., \$2.00.

**646 Ameer**—Resembling Alaska in general habit, a little longer vine (3 feet), and not quite so early but with larger pods, nicely shaped; ripens uniformly, quality excellent. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.10; pk., \$2.00.

**648 First and Best**—Ht. 2½ ft.; standard, extra-early Pea; very hardy, prolific; can be planted early. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.10; pk., \$2.00.

**650 Improved Tom Thumb**—Dwarf, grows about 9 in.; can be planted very close; good quality. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.10; pk., \$2.00.

### 656 Thomas Laxton—A Fine Wrinkled Pea

The vine grows about 3 feet high, much like that of the Gradus, or Prosperity, but more hardy and greatly more productive. Pods large, long, with square ends, similar to but larger, longer and handsomer than those of the Champion of England, and fully as uniformly well filled. The green peas are very large, fine colored and unsurpassed in splendid quality. We are certain that this Pea needs only to be known to become one of the most popular sorts for the market gardener and home garden. Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.75.



Prolific Early Market.

### 642 Livingston's First-in-Market

Excellent variety, very profitable for the gardener and shipper because it ripens uniformly, so that almost every pod may be gathered at one picking. The pods are handsome, straight and full of medium-sized round peas of superior quality; it is immensely productive for such an early sort. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.30; pk., \$2.50.

### 644 Livingston's Selected Extra-Early Alaska

This fine pea has become a standard Extra-Early market variety, and is the earliest of all blue Peas; grows about 30 inches tall; very uniform in maturing the crop; of excellent quality, and retains its desirable color after cooking. Our strain



Sutton's Excelsior.

**Four Fine New Early Wrinkled Sorts**  
**666 Sutton's Excelsior**

Extra-early dwarf wrinkled Pea of the first-class. Similar in habit of growth to Nott's Excelsior, but a little taller (15 inches), and bearing larger, broader pods. The peas are large, tender, of superior quality. **Very prolific.** We believe this is a Pea which has "come to stay." **Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.50; pk., \$2.75.** (See illustration above.)

**659 Little Marvel**

is a new dwarf of the Nott's Excelsior type. Its characteristics are very pronounced. Two years' observation in our trial grounds have convinced us that it is a very meritorious variety. **Consult page 5 for full description and illustration.**

**662 Early Prize**

A very prolific new wrinkled Pea. This excellent variety is a cross between the old Tom Thumb and McLean's Advancer. It is much larger than the Advancer. The vines are vigorous and upright in growth; hardy and very productive. The pods are 3 inches long and well filled with large, rich peas of the most delicious marrow-like flavor. A very desirable sort for the home garden or market. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.20; pk., \$2.25.**

**664 Frost King**

A selection from Gradus. While retaining the earliness of that excellent variety, the pods are generally larger and are produced in greater abundance. Moreover, it can be sown earlier than the Gradus because it is more hardy, and consequently is more adapted to early market work. We have a very choice stock of this fine new early Pea, but as it is quite limited in quantity we advise customers to order a small quantity at least with their early orders. We are sure all market gardeners will want to test it. **Pkt., 10c.; pt., 30c.; qt., 50c.; 4 qts., \$1.30; pk., \$2.50.**

**670 Gregory's Surprise**

An extra-early wrinkled Pea. A very heavy cropper and it has that peculiar sweetness which belongs to the wrinkled sorts, combined with the hardness of the smooth varieties. Vines grow 24 inches in height and need no brushing if sown thin. Pods well filled, containing 6 or 7 peas. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.20; pk., \$2.25.**

**668 Premium Gem**

(See illustration bottom of page 54)

A very fine Extra-Early Dwarf Pea of Little Gem type, on which it is a decided improvement; pods are larger and more productive. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.50; pk., \$2.75.**

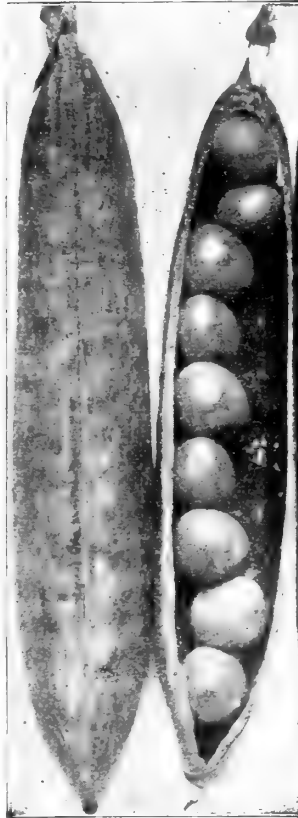
**Early Wrinkled Sorts—Continued.**

**655 Gradus or Prosperity**

Without doubt the earliest large wrinkled Pea known. Exceedingly sweet, tender and luscious, fairly melting in your mouth.

(See illustration below.)

This extra fine variety combines earliness with large size in a green wrinkled Pea. In earliness the Gradus follows closely after the First Earlies, being only two or three days later than Livingston's First-in-Market. In height, they grow about 2½ feet. The vine is very robust, and the foliage most vigorous, bearing the handsome, large pods profusely all over the vine. The pods are nearly round, long and straight; fully well filled with luscious sweet peas of superb quality. No pea of recent introduction has attracted one-half the attention as the Gradus, or Prosperity, especially with the market men, for whom it has been a money-maker from the start. It produces most uniformly large pods, measuring 4 to 4½ inches in length, nearly round and well filled with large, handsome peas. It is certainly a fine variety. **Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.75.**



Gradus Peas.

**660 American Wonder**

A leading dwarf wrinkled Pea; esteemed for earliness, productiveness, flavor and quality. Strong and robust in habit, growing about 10 inches high, and produces a profusion of good-sized pods, which are fairly packed with the finest flavored peas. Has always been a great favorite for the home garden. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.30; pk., \$2.50.**

**658 Nott's Excelsior**

(See illustration below)

In Earliness, Quality and Yield Unsurpassed

This fine extra-early dwarf wrinkled Pea is very popular. Foliage dark green and rather heavy, suggesting health and vigor. On good soil grows about 1 foot high. Pods one-third larger than American Wonder and are all ready to pick at once; a great yielder. Pods more often square than round. **Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.65.**



Nott's Excelsior Peas.

# Catalog of "True Blue" Seeds

## Second Early and Main Crop Peas

### 682 Improved Stratagem

(See illustration herewith)

A favorite with market gardeners and for the kitchen garden. Strong vines, immense pods, large peas, heavy cropper, true stock. The vines are strong, vigorous and covered with immense pods, many of which measure nearly 5½ inches in length and containing as high as ten large, richly flavored, wrinkled peas. From the Rural New Yorker: "A remarkable variety. Vines very strong and needing but slight support. Twenty pods to a vine. The vine branches just under the surface of the soil, two generally of equal vigor growing to a height of 2 to 2½ feet. The quality is excellent." Our stock has been carefully selected and is true. Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.50.

### 680 McLean's Advancer

The leading Pea for second-early, ripens about July 1st. Excellent flavor, very productive. This Pea is used very extensively by market gardeners on account of its great productiveness, the fine appearance of its pods and its exceedingly fine flavor. It is a wrinkled variety, grows about two feet in height, but needs no brushing, as it stands up very strong itself. Has broad, long pods, which are abundantly produced and well filled to the end. Ripens shortly after Livingston's Prolific Early Market and so uniformly that the vines can be picked clean in two pickings. In the vicinity of Boston, Mass., canners and market gardeners grow this splendid variety almost exclusively for second-early. There is nothing better for the home garden, either, than this Pea. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.35; pk., \$2.50.

### 690 Carter's Daisy

A very fine second-early dwarf Pea, with immense pods and peas. A magnificent sort. The self-supporting, stout plants are fairly loaded with large bright green pods, which are always well filled. Each pod contains from 7 to 9 peas of a bright green color, tender and of fine flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.50.

### 686 Horsford's Market Garden

A very fine second-early wrinkled variety; good for family gardens as well as for canners and especially market gardeners' purposes. Vines are 2 feet high; exceedingly prolific; pods are of medium size and are well filled with peas of finest flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.10; pk., \$2.00.

### 688 Abundance

One of the very best and most satisfactory second-early Peas. It grows 15 to 18 inches high; pods large, containing six to eight wrinkled peas of the most excellent quality. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.10; pk., \$2.00.

### 692 Juno

One of the best main-crop wrinkled peas. It has a stout, robust vine, bearing straight, heavy, square pods, usually borne in pairs. Pods contain seven to nine sweet, delicious dark green peas of immense size; grows 2 feet high. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.20; pk., \$2.25.

### 706 Carter's Telephone

The favorite late variety for the market gardener. Extra large pods. This Pea has proved to be a most valuable introduction. Vine large, coarse leaves, height about 4 feet. The pods are very large and filled with immense peas, which are largest of any. (See illustration.) Tender, sweet and of splendid quality and flavor. The stock we offer has been selected with every care, and will give satisfaction to the most exacting grower. Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.75.

### 684 Champion of England

An old variety, but considered by many the best tall-growing sort; but needs support always. Prolific bearer of large pods, well filled with large wrinkled peas; quality is simply elegant; 5 feet high. Pkt., 10c.; pt., 25c.; qt., 45c.; ½ pk., \$1.10; pk., \$2.00.

### 696 Shropshire Hero

A second-early, large wrinkled Pea; a robust grower; grows 2½ feet high, producing its large, well-filled pods in abundance; pods average seven to ten fine large peas of exquisite flavor in each. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.25.

**694 Bliss' Everbearing**—Medium-early, and remains a long time in bearing. Vine stout; about 18 inches high; bears six to ten broad pods, filled full of elegant peas. Peas are large, tender and of superior flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.20; pk., \$2.25.

**698 Pride of the Market**—Has a stiff vine of medium height, bearing a crop of dark green pods filled with large peas of good flavor; season medium. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.30; pk., \$2.50.

**700 Yorkshire Hero**—A very fine, large, dwarf, wrinkled variety, of extra fine quality and very productive. Vines 2½ feet high, bearing great numbers of large, well-filled pods. Pkt., 10c.; pt., 25c.; qt., 45c.; ½ pk., \$1.10; pk., \$2.00; bu., \$7.00.

**702 Alderman**—A very large podded, late wrinkled variety of vigorous growth, 3½ to 4 feet high, producing straight pods from 4½ to 5 inches long, well filled with large peas of excellent flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.30; pk., \$2.50.

**704 Heroine**—Is a medium-early green wrinkled Pea, about 2 to 2½ feet high, and bears a profusion of extra large, long, slightly pointed pods, containing nine to ten large peas of fine quality. A great favorite for market purposes. Pkt., 10c.; pt., 30c.; qt., 50c., postpaid. By express, ½ pk., \$1.10; pk., \$2.00.

### 707 Long Island Mammoth

A very strong grower, pods long, peas large, fine flavor. Pkt., 10c.; pt., 25c.; qt., 45c.; 4 qts., \$1.10; pk., \$2.00.

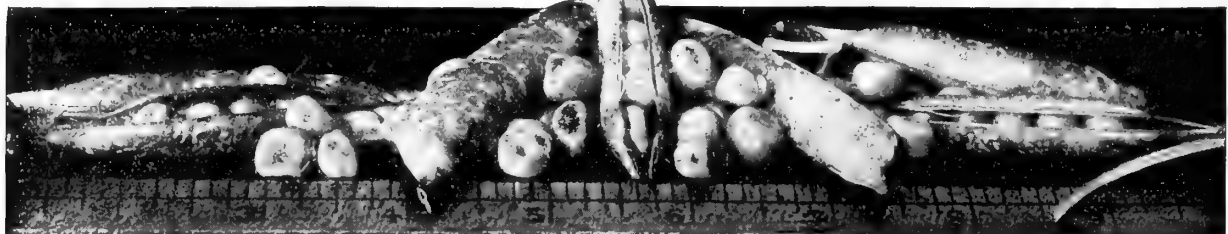
We send all packets, pints and quarts postpaid at the above rates!



Improved Stratagem.



Telephone Peas.



Premium Gem Peas.



**Livingston's Giant Podded Sugar Peas, Half Natural Size.**

**710 Livingston's Prolific Giant-Podded Sugar Peas**

Excels all other Sugar Peas in size, productiveness and quality. Vines are about 30 inches in height. The pods are gigantic in size, broad, sweet and tender, extremely fleshy and equal to the best Snap Beans for cooking pods and all. This is a very decided improvement in Sugar Peas. (See illustration.) Pkt., 10c.; pt., 30c.; qt., 50c.; 1/2 pk., \$1.20; pk., \$2.25.

**714 White Marrowfat** Grows 4 to 5 feet in height. Pods large, round, light green and well filled. Excellent for summer crop, but of inferior quality. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.35; bu., \$5.00.

**716 Black-Eyed Marrowfat** Similar to White Marrowfat, but the seed has a dark eye; used for late crop; an old-fashioned variety. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bu., \$4.75.  
Field and Cow Peas—See page 77.

**Livingston's Home Collection of the Three Best Peas for the Private Garden**

The varieties contained in this collection are all superior wrinkled sorts—sweet, tender and delicious. It contains early, medium and late sorts, and will supply the table with a succession of Luscious Peas throughout the season.

**Gradus.** Bears extremely large pods well filled with luscious peas early in the season. See page 53.

**Telephone.** The largest of all late peas and a tremendous cropper of handsome pods. See page 54.

**McLean's Advancer.** The leading second early variety; very prolific and of excellent quality. See page 54.

1 pkt. each of 3 Best Peas, 25c.; 1 pint each of 3 Best Peas, 85c.; 1 quart each of 3 Best Peas, \$1.50, all sent postpaid.

**Livingston's Choice Peppers**

**Pimiento**

**Pfeffer**

Peppers should be started in a hotbed or cold-frame and transplanted about the end of May into a sunny corner of the garden, in rows about 2 feet apart, with the plants about the same distance between them in the rows. Can also be sown in open ground in a prepared seed bed when all danger from frost has passed and the weather has become settled and the soil warm. When the little plants are about 3 inches in height, transplant as above into the rows where they are to remain. Some very rich fertilizer stirred into the soil when the plants are about 6 inches high will be found very beneficial to the crop. The Peppers intended for mangoes should not be grown near the hot varieties, as if so they will partake of their fiery nature. One ounce of seed will produce about 1500 plants.



**Improved Thick Long Red.**

**727 Livingston's New Ohio Crimson**

**733 Livingston's Improved Thick Long Red**

Introduced by us in 1906. Habit of growth robust and stocky, with no tendency to grow an immense plant with little or no fruit. The fruit is fully as large as Chinese Giant; in shape not quite so blocky, yet not so long as Ruby King. (See illustration.) In weight, Livingston's Ohio Crimson is much heavier than a Ruby King of same size. In flavor it is the mildest we have ever known, as the flesh may be eaten raw from the hand. Growers tell us they have no difficulty in selling all they can grow, customers preferring it to all others for making mangoes. Our seed is saved from finest, largest specimens. Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1 lb., \$1.75.



A great improvement on the ordinary Long Red Cayenne, of about the same length but much thicker, and has two to three times as much meat; averaging about 1 inch in diameter at the stem end. They are grown almost exclusively for some markets. Exceedingly prolific; are very hot and handsome. Produced early in the season while prices are high. See illustration of natural-sized pod above. Pkt., 5c.; 1/2 oz., 20c.; oz., 30c.; 1 lb., 85c.

**Livingston's Ohio Crimson Peppers, Pkt., 10c.**





# Catalog of "True Blue" Seeds



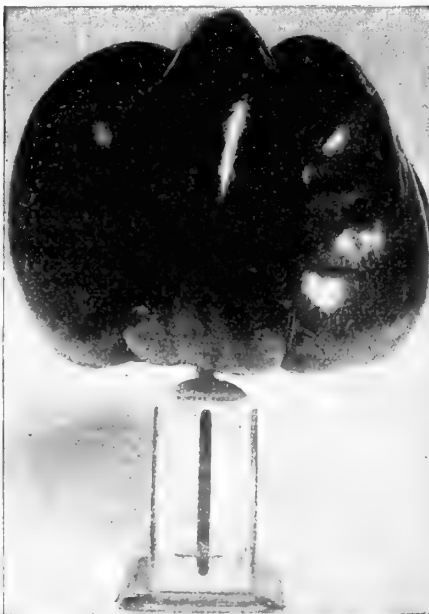
Setting Out Young Pepper Plants on Our Kirkersville Farms.

## Peppers—Continued

### 731 Chinese Giant

(See illustration)

Without doubt one of the very best and largest Mango Peppers that was ever introduced. **Its mammoth size, splendid shape, beautiful, rich, glossy flesh and mild flavor all lead us to speak of it in words of commendation.** Very popular with all. Its strong, bushy plants, which are literally loaded with the splendid large fruits, begin bearing quite early and continue throughout the season. Has few seeds; hence the genuine is necessarily high in price. **Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.50; lb., \$5.00.**



Chinese Giant.

### 729 New Sweet Upright

Fully twice as productive as any large sweet Pepper. The fruits are just the right size, not too large, blocky in shape and about 3 inches long, 2½ inches to 3 inches across stem end and about 2 inches at the blossom end. The average weight is from 6 to 8 ounces. The flesh is extremely thick, mild and sweet, and the skin very tender; in fact, so very mild, sweet and crisp that it may be eaten like an apple. The color of the ripe fruit, both skin and flesh, is a rich, brilliant scarlet. It is a grand market Pepper. **Pkt., 10c.; ½ oz., 25c.; oz., 45c.; ¼ lb., \$1.25.**

### 725 Livingston's Mammoth Ruby King

(See illustration)

One of the largest and finest mild Red Peppers in cultivation. Not only is it very productive for so large a Pepper, but its splendid size and handsome appearance make it sell most readily in any market. The plants are vigorous, stocky and dwarf; very bushy, growing not over 2 feet in height. They are well branched and thickly set with enormous fruits, some 4 to 6 inches long by 3 to 4 inches thick. When ripe, they are of a beautiful bright, glossy ruby red color, and are always remarkably mild and very pleasant to the taste if not grown too close to the hot varieties.

Special Selected Seed—Pkt., 5c.; large pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$2.75.

### 735 Sweet Mountain

One of the large sorts. Very thin skinned, sweet and mild flavored; much used for stuffed pickles. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.**

### 734 Large Bell, or Bull Nose

An early variety and of mild flavor; the skin is quite thick and fleshy; of medium size; is very popular. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.**

### 736 Mixed Mango Peppers

A choice mixture containing a very large number of varieties suitable for stuffing and mangoes. **Pkt., 10c.; 3 pkts. for 25c.**

**743 Cardinal**—Curved, tapering pods, 4 to 5 inches long and thick at the stem end. Very sweet and tender, and exceedingly handsome. Worthy of cultivation for its beauty alone. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

### 737 Giant Golden King

An exact counterpart, except in color, of the famous Ruby King. Bears large, handsome fruits of most attractive bright yellow. Flavor very mild and pleasant. **Pkt., 5c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.**

**739 Long Red Cayenne**—Four inches long and one-half to three-quarters inches in diameter; flesh thick and hot. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.**

**741 Small Cayenne (Red Chili)**—Pods 1½ to 2 inches long, very hot; used for making pepper sauce. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

Most Popular Pepper in cultivation. Unexcelled for mangoes or for slicing.

### 747 Red Cluster

Its very distinct and brilliant scarlet fruit is curiously crowded together in bunches or clusters at the top of each branch. A single plant bears hundreds of handsome hot Peppers an inch or smaller in length. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**749 Cherry Red**—Fruit small, round, rich scarlet and exceedingly hot. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.**

**751 "Red Hot" Mixture**—Includes a great number of small and ornamental sorts, which are indeed just as "hot as fire." **Pkt., 10c.; 3 pkts., 25c.**

Livingston's Mammoth Ruby King Peppers. Large Pkt., 10c.





Calabazas **Livingston's Prize Winning Pumpkins** Speise Kürbisse

Pumpkins are not so particular in regard to soil as Melons or Cucumbers, but in other respects are cultivated in a similar manner. Sow in the month of May, when you plant your corn. Make hills, the same as you do for Squashes, but do not make the hills too close; you will find that 8 to 10 feet apart each way is much better than nearer planting. It is preferable to grow large quantities of Pumpkins as a special field crop and not in the kitchen garden, as they always mix so badly with the Squashes and other vines. The few you do need to grow in the home garden you should put in your most remote corner. You will, of course, sow some amongst your late corn, putting in a few seeds, say, every third or fourth hill. This will give you plenty for the table, and your stock the coming winter. **One ounce of seed will plant 15 hills; 3 to 4 pounds plant one acre.**

**760 Livingston's Thanksgiving**

**Very Sweet and Rich. Makes Delicious Pies**

A selected strain of the Large Sweet or Pie Pumpkin, with flesh fully twice as thick; beautiful orange color, fine grained, sweet, and has the delicious pumpkin flavor so essential to making first-class pumpkin pies. **Pkt., 5c.; oz., 15c.; 1 lb., 35c.**

**762 Small Sweet or Sugar Pumpkin**

This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies. It is a very fine grained, most deliciously sweet-flavored sort. Splendid keeper. They average about 10 in. in diameter. Deep orange-yellow color. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**772 Mammoth Tours**—Immense size, often weighs 100 lbs. Oblong; skin green; good exhibition sort or for feeding stock. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

**766 Genuine Mammoth, or True Potiron**  
(King of the Mammoths, a Jumbo Pumpkin)

Form like immense Nutmeg Musk Melon with depressed ends, slightly ribbed, often 3 feet or more in diameter and weighs over 200 lbs. Salmon color; flesh bright yellow; fair quality. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**776 Nantucket, or Negro (Black Sugar)**—Oblong shape; skin dark green, almost black; flesh a rich orange; weight about 12 lbs. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**778 Tennessee Sweet Potato**—Bell shape; medium size, thick flesh, skin creamy white, fine grained, sweet, delicious. Very fine for pies. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**902 Winter Luxury Pumpkin** or Livingston's Pie Squash is listed and fully described among Squashes on page 61. Thick, sweet flesh of elegant flavor make this sort a universal favorite for pies. (See illustration of specimen fruit center of this page.) **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

Winter **Luxury.**



**764 Large Sweet Cheese**

Best for canning. Has heavy, thick, sweet meat; large, round, flattened variety, with creamy-buff skin. An excellent keeper and very productive; good quality. **Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 50c.**

**770 Common Yellow Field**

**Yankee Cow Pumpkin, or Connecticut Field**—The common Yellow Field Pumpkin, so very largely cultivated by our farmers for stock feeding; very productive. **Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 40c.; 3 lbs., \$1.00, postpaid.**

**784 Calhoun** Almost round, good size, creamy brown skin; salmon-yellow flesh which is very thick and fine grained. **Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 50c.**

**774 Japanese Pie** Crooked neck; quality fine; very productive; ripens early; medium size. Excellent for pies. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**780 Livingston's Pumpkin Mixture**

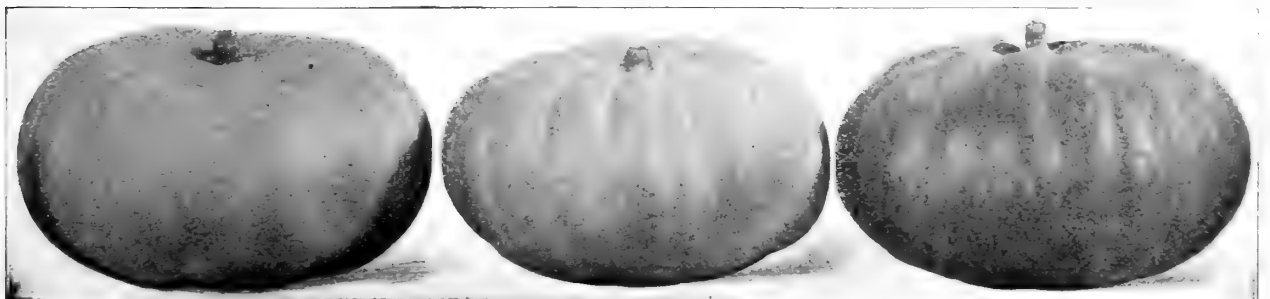
One Sowing Furnishes Pumpkins for the season. Especially offered to those who wish to grow a grand collection of Pumpkins for fall fairs. For 10c. you obtain seed of every variety in list. **Large pkt., 10c.; oz., 15c.; 1 lb., 35c.; lb., \$1.**

**Rubarbo Rhubarb, or Pie Plant Rhabarber**

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart; the second year after planting plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 feet apart each way, at least 2 feet deep. **One ounce of seed gives 500 plants.**

**872 Victoria**—In general use for market and home garden. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**

**873 Linnaeus**—A very early sort; fine grained, delicious. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.**  
**Rubarb Roots are offered on page 68.**



**Large Sweet Cheese Pumpkins.**

# Catalog of "True Blue" Seeds



## The Best Radishes

**Eabanitos**

**Radieschen**

All varieties thrive best in light, sandy loam. For early use, sow in the hotbed in February, giving plenty of ventilation, or outside in the garden, in drills, as soon as the soil is warm and dry, covering the seed about half an inch deep. Sow every two weeks from March until September, for a succession of crisp Radishes for continued use. Radishes must grow rapidly to be crisp, mild flavored and tender. We offer a very fine assortment. **One ounce of seed will plant 100 feet of drill; 8 to 10 pounds for an acre.**

### Early Round and Olive-Shaped Sorts

**792 Rosy Gem** (See illustration above from our own photo.) One of the earliest; is perfectly globular; a rich deep brilliant scarlet at top, blending into pure white at the bottom; exceedingly tender and crisp; most delicious; desirable for market or home garden. Certainly a fine variety. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 65c.**

**794 Non Plus Ultra** or **Fireball**. The earliest forcing Radish in cultivation; a pretty little round Radish (see illustration); deep rich scarlet in color; tops very small; crisp, tender, white flesh; a little earlier than Scarlet Globe, but not so large. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 65c.**

**790 Scarlet Globe** This splendid globe Radish is the very finest early strain of the round, bright red Radishes. Nothing can surpass its table excellence or its beauty. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Best for market gardeners who want a large first-early forcing Radish. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 75c.**

**796 Early Snowball** (See illustration.) One of the quickest growing, besides being one of the prettiest round varieties in the whole list; white as snow, smooth as glass, very crisp and extremely tender. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 65c.**

**798 Scarlet Turnip White Tip** Handsome bright scarlet, with white tip; most attractive; quality splendid. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 65c.**

**800 Crimson Giant** A variety combining earliness and great size. It grows much larger than other extra-early varieties, but does not become pithy, even when fully twice as large in diameter and a week older; beautiful crimson-carmine; turnip shaped; flesh firm, crisp and tender. We recommend it for outdoor garden planting as well as for greenhouse forcing. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; 1 lb., \$1.00.**

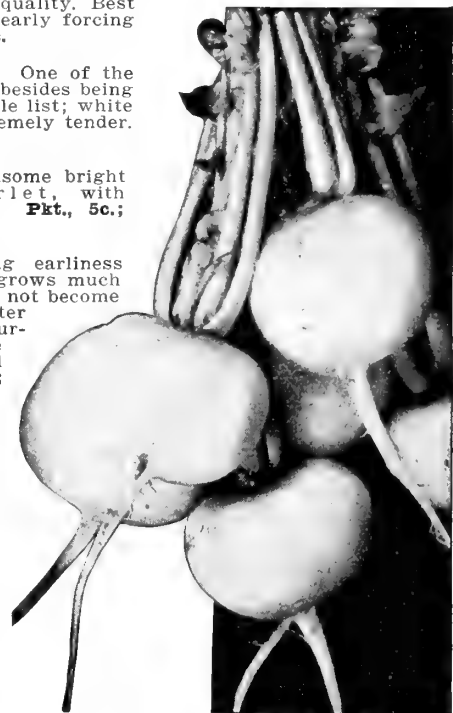
**802 Early Scarlet Turnip** Very early, small, round Radish; entire Radish is of a rich scarlet color. This splendid variety has always been a great favorite with market gardeners and for kitchen garden alike. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 1 lb., 50c.**

**804 Model White Box** Short top, of rapid growth; perfect turnip shape; extra fine quality, remaining solid and juicy for a long time; is especially suitable for growing under glass in frames. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 65c.**

**806 French Breakfast** Of quick growth; very mild and tender; of an oval form, scarlet, tipped with white. One of the best for greenhouse or home garden. Popular with many growers. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 1 lb., 50c.**



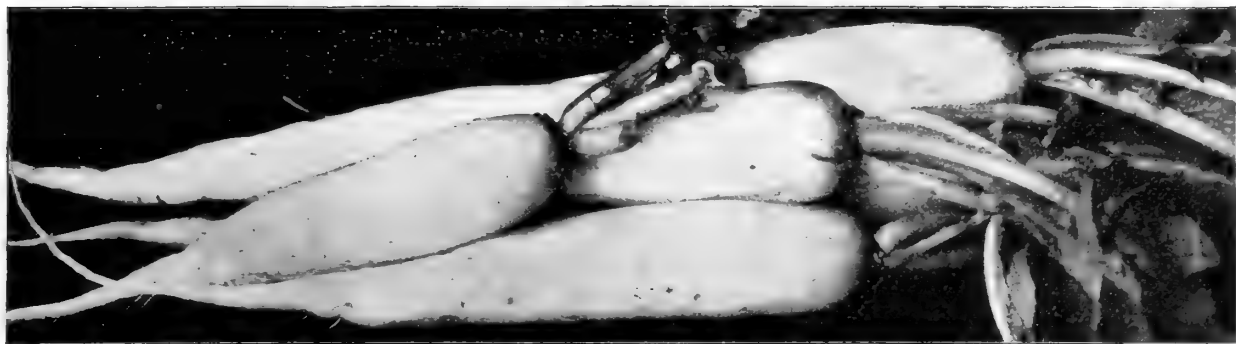
**Non Plus Ultra, or Fireball**



**Snowball Radish.**



**Cincinnati Market.**



## Early Long Radishes

### 814 Cincinnati Market

This superb Radish originated in the vicinity of Cincinnati, Ohio, with the "Glass Gardeners" there, and has been continually used by them for more than twenty years. We introduced it to our trade in the spring of 1895, and it at once became so deservedly popular that we have had to grow it ever since by the thousands of pounds to supply the demand. The tops are so small that the radishes may stand touching each other in the rows. The Cincinnati Market Radish grows perfectly straight and smooth, 6 to 7 inches in length. (See illustration on page 58.) Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. This excellent sort may also be bought in our "6 Best Vegetables for 25c." collection offered on back cover of Catalog. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

### 816 Early Long Scarlet Short-Top

Admirable for forcing; the leading outdoor quick-growing variety, both for private and market gardens; the average length is 6 to 8 inches; grows about half out of the ground, straight, uniform; tops small; bright scarlet in color, brittle and crisp. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

### 818 Wood's Early Frame

Ten days earlier than the Early Long Scarlet Short-Top, which it resembles; excellent for forcing and for first sowing outside, being very hardy; half-long. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

### 824 Livingston's Pearl

This variety might be called half-stump-rooted. It is a most beautiful pearly white, of waxy appearance; very firm and solid. After it has reached its best condition, it remains eatable fully two weeks before showing signs of going to seed or becoming woody. When properly grown in greenhouse or hotbed, this Radish has a smaller top than when grown in the open field. (See illustration.) **All things considered, we pronounce it the best general purpose white market Radish in existence; splendid for the home garden. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**



### 822 Brightest Long Scarlet (Cardinal White-Tipped)

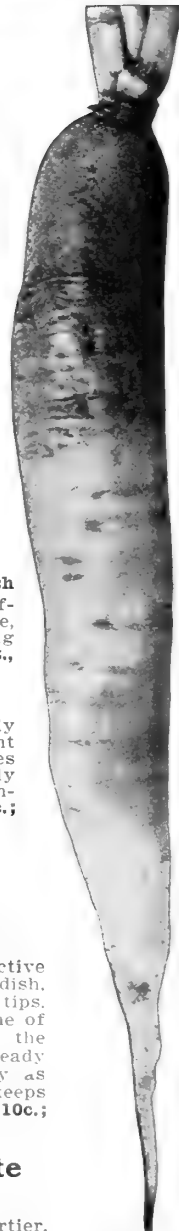
Resembles Early Long Scarlet Short-Top in shape and size; extra-early; bright scarlet; white-tipped; a rapid seller. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

### 820 Half-Long Deep Scarlet Radish

Color deep, rich red. Shape, half-long, tapering. Flesh pure white, crisp, tender, brittle, not becoming pithy until very long overgrown. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.**

### 826 Long White Icicle Radish

Grows about 4 inches long; slightly stump-rooted, and of transparent whiteness; short leaves, matures quickly; most excellent flavor; equally desirable for home or market gardeners. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**



Chartier or Shepherd.

## Summer Radishes

### 836 Lady Finger or Long White Vienna

(See illustration.) Beautiful in shape; skin and flesh are pure white, very crisp and brittle; a most rapid grower and long standing. A fine variety. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

### 844 Large White Summer Turnip

A favorite with market gardeners. Round, smooth; very white; crisp and tender. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 65c.**

### 850 Golden Globe

Most perfect globe shape; golden colored skin; very quick grower; white flesh, tender, brittle; long standing. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

### 840 Improved Chartier

A distinct and exceedingly attractive sort; a clear rose colored long Radish, shading into pure waxy white at the tips. Attains very large size. Perhaps one of the best all-seasons Radishes for the open ground. Grows very fast; ready for use or market nearly as early as Early Long Scarlet Short Top; keeps crisp two months. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.**

### 846 Chartier Long White (Nonpareil)

Developed from Improved Chartier, and in all respects similar, only color is pure white. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**



Lady Finger.



# Catalog of "True Blue" Seeds

Your garden this season will not be complete without a bed of these crisp little table delicacies. Large pkt., 10c.; oz., 15c.; 2 oz., 25c.

Livingston's All Seasons' Radish Mixture. Pkt., 10c.



## Summer Radishes—Concluded

**838 Giant White Stuttgart**—Of large size; in shape like a top; flesh and skin white; fine quality; firm and brittle, never pithy; can be stored for winter use. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.

**854 White Delicions** is a new German sort of distinct half-long shape, with delightfully crisp and brittle flesh. Stands longer than White Vienna. See page 6 for additional description and illustration. Pkt., 10c.; oz., 15c.; 1 lb., 35c.

**842 White Strassburg**—Handsome, oblong tapering shape; both skin and flesh are pure white; firm, brittle, tender and possessing the most desirable character of retaining its crispness even when the roots are old and large. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.

**852 Gray Summer Turnip**—Crisp, tender and brittle; a very choice variety. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 85c.

## Rabanos Winter Radishes Bettige

Sown in summer and used in the fall, or put away as you do Turnips for winter use.

**858 California Mammoth White**—Is grown extensively in California; 8 to 12 inches long, 2 to 3 inches in diameter; white, solid, and of good quality. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**860 White Chinese (New Celestial)**—(See illustration alongside.) A large stump-rooted Radish with white skin and flesh. Can be sown from July 1 to August 15, and will keep in prime condition a long time; mild in flavor, brittle and never woody. Fine for market gardeners. Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.

**864 Long Black Spanish**—Grows 5 to 8 inches long, 1 to 1½ inches through at top; skin black, flesh white and firm. One of the oldest, but nevertheless one of the best winter sorts. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

**862 Chinese Rose Winter**—A very handsome and distinct variety; color the brightest rose; crisp and tender; cylindrical in shape, very smooth; very desirable sort; keeps splendidly through autumn and winter. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

**866 Scarlet Pamir**—Fine, deep red, turnip-shaped sort of crisp, mild flavor; one of the best we know. Pkt., 5c.; oz., 15c.; 1 lb., 50c.

**868 Round Black Spanish**—Like No. 864 except in shape; fine for winter. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

**870 Long White Spanish**—Differs from Long Black Spanish in color only. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.

Special Prices on Large Quantities of Radish Seed.

## 871 Livingston's All-Season Radish Mixture

contains all shades and shapes—red, white, pink, variegated; round, half-long and long—in great variety. (See illustration.) Just fine for small gardens, where space is limited, and where you want to make a garden and be done with it. One sowing does for the whole season, as they come ready for your table early, medium and late. You always have some that are just right—sweet, juicy, delicious, crisp. Large pkt., 10c.; oz., 15c.; 2 oz., 25c.; 1 lb., 35c.; lb., \$1.00.

Giant Golden Summer Crookneck and Mammoth White Bush Squashes.

## Squashes

Cidracayote

Speise-Kürbisse

Plant after weather has become firmly settled and the ground is warm and dry in hills 5 to 6 feet apart for bush varieties, and 6 to 8 feet apart for running varieties. Hills should be thoroughly manured. Slightly elevate the hills and place 7 or 8 seeds in each, finally leaving but three plants. Press the seeds down firmly before covering, and cover early planted ones, 1 inch deep, and late ones 1½ inches. One ounce of the Bush varieties for 40 hills, or of the large-



White Chinese Winter Radish.

seeded winter kinds for 15 hills; 2 to 3 pounds of the Bush sorts, or 4 to 5 pounds of the large-seeded winter kinds are needed for one acre.

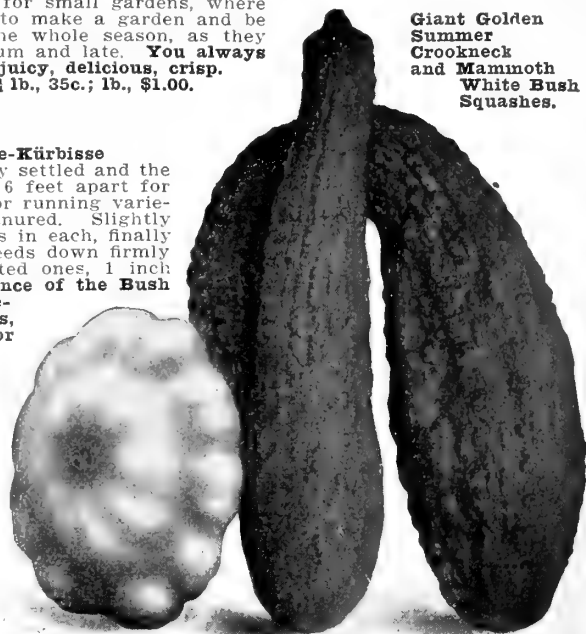
## Summer Varieties

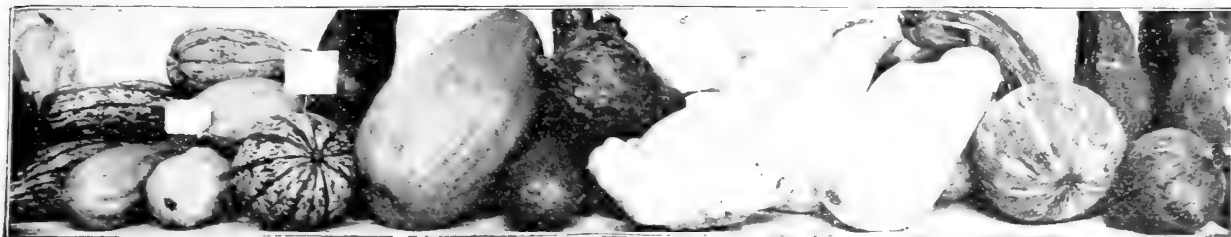
### 890 Giant Golden Summer Crookneck

The largest and best of all summer Crookneck Squashes. Of a dwarf, bushy habit and very productive; bears early and all summer; true Crookneck type; rich golden yellow color; thickly warted. Its cooking qualities are unexcelled. One of the best varieties for the market or table use. (See illustration.) Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**892 Mammoth White Bush Scallop**—Excellent large strain. Nearly as early as the common sort; creamy white; splendid for market or home garden; good shipper. (See illustration.) Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**893 Early White Bush or Patty Pan**—Bears fruits ready for use very early in the summer. Of true bush habit and very productive. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.





**Summer Squashes—Continued**

**896 Livingston's Improved Cushaw**

(See illustration below)

The genuine Cushaw of "ye olden times," and a great favorite. Beautiful in appearance; a distinct mottled green, white striped. Fruit solid; average 15 to 25 pounds. Flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. **Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.**

**894 Mammoth Yellow Bush Scallop**

(Golden Custard Bush Squash.) Decidedly the best strain of Yellow Scalloped Summer Squash. Double the size of the old sort, retaining all its good points. **Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.**

**898 Fordhook**—Flesh dry, sweet; early, sure cropper and productive. Skin thin, meat thick; equally good for summer and winter use. **Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.**

**Sorts for Winter Use**

**902 Livingston's Pie Squash**

**Rich, Sweet Flavor. Makes Good Pies Without Eggs.** The color of the skin is similar to that of the Golden Russet Apple. Flesh yellow and very thick. Quite early, surprisingly productive and a rapid and hardy grower. The very finest for pies, making good ones even when eggs are not used. Size, 8 to 10 inches in diameter. (Illustrated in center of page 57.) **Large pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.**



**904 New Ohio Giant Squash**

One of the best of the mammoth Squashes; very productive, and when the soil is rich and not too many fruits are left on the vine will produce gigantic specimens. The color is a deep orange, irregularly mottled with a heavy grayish netting. The flesh is a rich deep golden yellow. **Pkt., 10c.; oz., 25c.; 1/2 lb., 75c.**

**914 Dunlap's Prolific, or Orange Marrow**

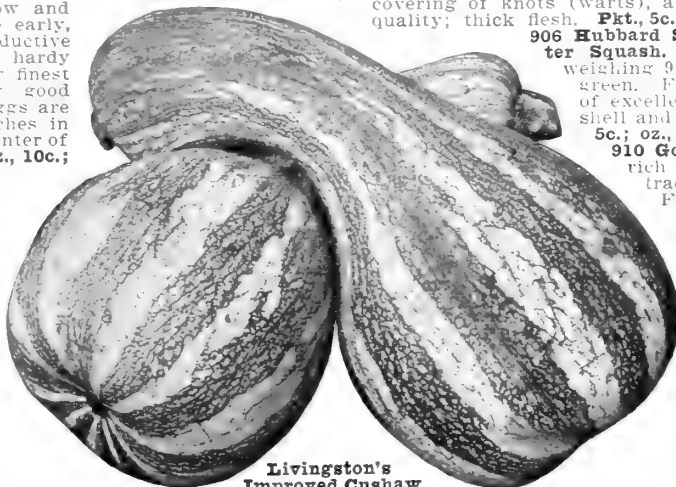
—The earliest of the fall varieties, and much sooner ripe than any other Marrow Squash. Very prolific, a bright orange red; it is a general favorite; its quality is the best. **Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 65c.**

**915 Boston Marrow**—Of oval form and thin skin. Color a rich orange; of good size, excellent flavor and keeps well. **Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 65c.**

**916 Essex Hybrid**—Hard shell; solid, thick-fleshed, fine grained, rich flavored; prolific and of the best quality. Flesh rich orange color. Turban shape. **Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.**

**917 Marblehead**—Of bluish color; sweet and dry; fine flavor; shape long-oval, pointed both ends. **Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.**

**A Row of Warty Hubbard Squashes.**



**Livingston's Improved Cushaw**

**908 Chicago Warty Hubbard**

(See illustration below)

Large size, dark green color, distinguished by a dense covering of knots (warts), a sure indication of splendid quality; thick flesh. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., \$1.25.**

**906 Hubbard Squash—The Standard Winter Squash.** It is of good size, often weighing 9 to 15 pounds. Color bluish green. Flesh fine grained, sweet and of excellent flavor. Has a very hard shell and will keep until spring. **Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.**

**910 Golden Hubbard**—Color bright, rich orange-red; showy and attractive. Shell hard and warty. Flesh deep golden yellow, fine grained and of splendid flavor; cooks dry. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., \$1.25.**

**920 Canada Winter Crookneck**—Good old standard pie Squash. **Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 55c.**

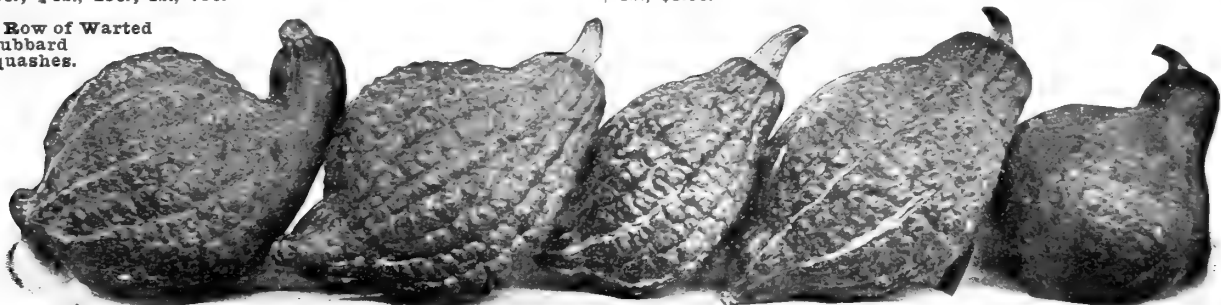
**912 Gregory's Delicious**—The result of years of selection and crossing, the Hubbard having been prominently used in its make-up. Green when matured. Flesh thick, dark orange in color; dry, sweet and of rich flavor. Is best as fall and winter variety, improving with age. **Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.**

**918 Mammoth Chili**—Oblong, productive; profitable for stock. **Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., 90c.**

**919 Mammoth Whale**—Often grows 3 feet long; sometimes weighs 100 pounds or over. Slate color; prolific; flesh solid, orange color; quality good; keeps well. **Pkt., 5c.; oz., 15c.; 1/2 lb., 40c.; lb., \$1.25.**

**924 Livingston's Squash Mixture**

One sowing, Squashes for season. Contains great variety of summer and winter sorts, just suited for growing for exhibition or table. **Large pkt., 10c.; oz., 15c.; 1/2 lb., 35c.; lb., \$1.00.**



# Catalog of "True Blue" Seeds

## Salsify or Oyster Plant

Salsifé Haferwurzeln

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. A most palatable vegetable; the cultivation is precisely the same as directed for Parsnips and Carrots. Salsify will keep finely through the Winter, in the ground where grown, in exactly the same manner as Parsnips. The roots are perfectly hardy; in fact they are best after the frost has touched them.

When cooking, boil the roots (a small piece of codfish, which should be discarded when the salsify is done, boiled with them strengthens the oyster flavor); when cold, mash, and fry as patties or fritters. This vegetable is also good stewed, plain boiled, and also as a salad, sliced raw in vinegar with pepper and salt. Succeeds best, perhaps, in light, well-enriched soil. If it is necessary to use manure it should be very fine and well-rotted. Sow early in drills 18 inches apart and cover firmly one inch deep; thin to three inches apart in the drills. One ounce of seed will sow fifty feet of drill; eight pounds is sufficient to plant an acre.

### 875 Mammoth Sandwich Island

This splendid variety will average nearly twice the size of the White French Salsify. Grows very uniform. Mild and delicious in flavor. A popular sort with all growers. (See illustration.) Pkt., 5c.; oz., 15c.; 1 lb., 35c.; lb., \$1.25.

### An Excellent Spinach For Market or Home Garden

#### 879 Victoria

Were we asked to name the "best all-around" variety of spinach, we would unhesitatingly say "Victoria." It is an excellent sort, whether grown for home use or market, and it never fails to please the most critical.

Victoria may be sown with equally good results either in the spring or during late summer and fall. The plants are fit for use as early as the earliest sorts and remain in good, marketable condition much longer than most other kinds.

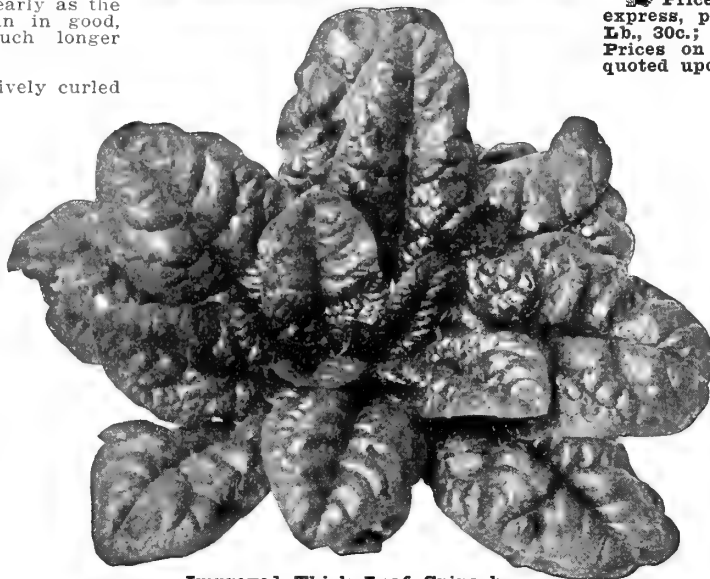
Victoria has an attractively curled leaf of rich, dark green color. The leaves are very thick and juicy and, when prepared properly, develop a delightfully distinct, mild flavor. Do not fail to plant some Victoria Spinach. A trial will convince! Pkt., 5c.; 1 lb., 15c.; lb., 40c.

### 886 "Long Season" Spinach

Of flat spreading, but compact growth, this sort is especially noticeable for its short-stemmed, dark-green leaves which are heavily crumpled and savoyed. For marketing during the warm summer months, it is unsurpassed. Stands longer before going to seed than any other sort on our list. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 50c.



Mammoth Sandwich Island Salsify.



Improved Thick Leaf Spinach.

## Espinaca Spinach Spinat

Spinach will succeed finely in any ordinary soil, and its cultivation is a very simple matter. It is grown both as a spring and summer crop. For early use, plant the seed in August or September, in drills 12 to 14 inches apart. At approach of cold weather cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in the spring. For summer use, sow early in spring. Thin to 3 or 4 inches. One ounce of seed for 50 feet of drill; 12 to 16 pounds for an acre.

### 878 Improved Thick Leaf (Viroflay)

The market gardeners' favorite for fall or spring sowing. A great favorite in all parts of the country, as it furnishes an abundance of heavy, broad, dark green leaves of finest quality and appearance. The leaves are attractively curled, and on account of their firmness and substance they remain in prime, salable condition for a long time. Also excellent for home use. (See illustration below.) Oz., 5c.; 1 lb., 15c.; lb., 40c.

### 880 Curled-Leaved Savoy

(Norfolk or Bloomsdale) — Large wrinkled leaves, upright growth; fine quality. Earliest variety, but will not stand long. Oz., 5c.; 1 lb., 15c.; lb., 40c.

### 881 Prickly Seeded Winter

A fine variety with triangular, oblong or arrow-shaped leaves. Hardest of all, therefore best for fall sowing where winters are severe. Considered by many one of the best varieties. Oz., 5c.; 1 lb., 15c.; lb., 40c.

### 882 Round-Leaved Summer

Good sort for early spring; stands the winter well; not so hardy as Prickly Seeded; leaves large, thick, fleshy. Oz., 5c.; 1 lb., 15c.; lb., 40c.

### 883 Long Standing

Does not run to seed as quickly as others; very dark rich green. Oz., 5c.; 1 lb., 15c.; lb., 40c.

Prices of Spinach Seed sent by express, purchaser paying charges: Lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.00. Prices on larger quantities will be quoted upon application.

### New Frost-Resisting Spinach 885 Munsterland

A few years ago we were attracted by the claims of one of our Dutch growers that he had succeeded in producing a nearly frost-proof spinach. Careful trials showed us an absolutely distinct sort with deeply cut, arrow-shaped foliage which really did not give the frost sufficient surface to do much harm. For use in northern latitudes where sorts with heavy, juicy foliage are injured by frost, we consider this sort a decided acquisition. Stands a long time without going to seed. Plants grow to be a foot in diameter if properly thinned. Quality excellent. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 60c.



Our Grower in His "White Burley" Tobacco Field.

**Tobacco Tobacco Seed Tabak**

The importance of this crop in many sections makes the use of the very best seed an urgent necessity. Not until we found the right kind of seed, did we offer it. We now feel safe in stating that the quality of seed offered below is absolutely unsurpassed.

**1094 Improved White Burley**

Well-known sort of great merit. Our strain is grown on the famous limestone fields of Tennessee.

For many years our grower has made selections of this variety and has it now at a stage of perfection rarely attained in tobacco. The fields on which he grows the seeds receive special preparation and extra manuring. Plants are set further apart than those grown for a tobacco crop. Only the choicest plants are set in the seed plats and special care and cultivation insures well matured seed of highest vitality. Careful handling, cleaning and curing of seeds as well as special attention to the crop throughout the season make this strain and seed unsurpassed.

Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 35c.;  $\frac{1}{2}$  lb., \$1.00; lb., \$3.50.

**1092 Big Havana**—Heavy cropper; one of the earliest. Pkt., 5c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

**1090 Connecticut Seed Leaf**—One of the oldest and best. Pkt., 5c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

**Nabos Turnips Rben**

First-early varieties of Turnips should be planted just as early in the Spring as the ground is dry and warm. You may sow them in drills, beds, or later broadcast, or among corn, as you for your own reasons may prefer. The Winter Ruta-Baga varieties, and also the early sorts, will do better if planted in drills; make the drills at least 18 inches apart, and thin-out the plants when well-up to from six inches apart down to three inches, according to the variety. Cultivate often and thoroughly. We call especial attention to the fact that the Ruta-Baga varieties should be planted as soon as possible after the middle of June, as they need a longer season for the fullest development than the earlier sorts of Turnips. One ounce of seed sows 100 feet of drill; one pound an acre.

**1040 Purple-Top White Globe** A variety of decided merit. Globular shape, and of superior quality, either for the table or stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**1042 Purple-Top Strap Leaf**

A well-known popular variety, either for family or market use; large size; white, purple above ground; flesh fine grained; grows quickly and is good for winter use or late planting, as it is early. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**1044 Early Snowball**—Medium sized round Turnip; pure white, very fine flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**1046 Extra-Early Purple-Top Milan**—The earliest of the flat Turnips, with a beautiful purple top. They are mild and sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

**1056 Yellow Globe, or Amber**—Sweet; large; fine for table or stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

**1058 Golden Ball, or Orange Jelly**—Rapid grower; globe shaped; is bright yellow. The best of the yellow sorts for table use. Keeps well. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

**1062 Seven Top**—Cultivated extensively in the South for the tops, which are used as greens. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**1048 Extra-Early White Milan**—Similar to Purple-Top Milan, except it has pure white skin and flesh. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

**1050 Large White Globe**—Similar to Purple-Top White Globe, except in color, which is pure white; firm, sweet flesh. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 45c.

**1052 Early Flat Dutch, or White Strap-Leaved**—A standard flat variety; good size; pure white; small top, few leaves; good early or late. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 45c.

**1060 Long White, or Cow Horn**—Long; grows rapidly, partly above ground; slightly crooked; productive; white, fine grained, very sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

**1054 Early White Egg**—An egg-shaped early variety. Flesh white, firm, fine grained, mild and sweet. A very fine Turnip for winter use. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**Ruta-Bagas**

(Swedish or Russian Turnips)

**1068 Improved American (Purple-Top)**—Very hardy and productive; flesh yellow, sweet and solid; good for stock or table use. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**1070 White Russian, or Large White**—Grows very large; excellent for table or stock; flesh is firm, white and solid; the best keeper of any white variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.



Purple Top White Globe Turnips.



# Catalog of "True Blue" Seeds



## Livingston's Famous Tomatoes

are described and (most of them) illustrated on pages 10 to 16 of this Catalog. For the busy man, however, who has no time to look over long descriptions, we give below a condensed list with references where detailed descriptions may be found in front of the book. Let us say one more word: If you do not buy any other kind of seed from us, you must have Livingston's Tomato Seeds for best results in this line. Our strains of Tomatoes are the most thoroughbred in the world! Sixty years of untiring efforts have made them so.

**Tomato Facts** is the title of a unique booklet published by us last season. It tells all about Livingston's Famous Tomatoes and is illustrated with many halftone reproductions from photographs taken by ourselves the past season. It shows how we evolved twenty-five of the leading standard Tomatoes by many years of patient selection and cultivation. Contains many helpful cultural hints and some choice recipes for the thrifty housekeeper. This elegant little booklet is too expensive to give away, but we will pay you to read it. Send 10 cents for it today, and we will mail you a copy at once, together with a 10-cent "due bill," which we shall accept the same as cash with any order for at least 50 cents worth of Livingston's "True Blue" Seeds.

### Livingston's Famous Bright Red Sorts

	Pkt.	Ounce.	1 pound.	Pound.
932 Livingston's Coreless. Ideal for many purposes. See page 12.....	\$0 10	\$0 35	\$1 00	\$3 50
934 Livingston's Hummer. Fine for canning whole. Described and illustrated on page 12.....	10	25	75	2 75.
936 Livingston's Stone. The greatest canning Tomato known. See page 13.....	10	25	75	2 75
938 Livingston's Paragon. The well-known standard, glossy deep red. See p. 15.	10	25	75	2 75
940 Livingston's Perfection. Always a favorite. Early, smooth, prolific. See p. 14.	10	20	60	2 00
942 Livingston's Dwarf Stone. The best large-fruited upright sort we know. Consult page 15.....	10	30	85	3 00
944 Livingston's Favorite. Large, smooth, of best quality. Described on page 14.	10	25	75	2 75
946 Livingston's Dwarf Aristocrat. Large, solid, smooth; rich bright red. See page 16.....	10	25	75	2 75
948 Livingston's Honor Bright. Long keeper and good shipper. Consult page 15.	10	25	75	2 75
950 Livingston's Royal Red. Very handsome sort; fine for canning and catsup. See page 16.....	10	30	85	3 00
952 Livingston's Aristobright. Very productive dwarf; solid and of good flavor.	10	25	75	
945 Livingston's Dandy Dwarf. Very stocky, robust. Excellent fruit.....	10	25	75	
956 Livingston's Multicolor. Fruit smooth and solid; very prolific.....	10	25	75	

Livingston's Favorite.





Exhibit in Our Seed Store of Tomatoes Grown by Columbus Gardeners.

### Livingston's Famous Purple Tomatoes

**960 Livingston's Globe**—Full description and illustration will be found on page 11. Pkt., 10c.; oz., 40c.;  $\frac{1}{2}$  lb., \$1.25; lb., \$3.75.

**961 Livingston's Beauty**—Of perfect shape and excellent quality. Described on page 13. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

**962 Livingston's Acme**—Of fine quality. Our strain is superb. Consult page 14. Pkt., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00.

**964 Livingston's Magnus**—One of the best for growing on stakes. See page 14. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 85c.; lb., \$3.00.

**966 Livingston's Buckeye State**—Largest sort introduced by us. Consult page 15. Pkt., 10c.; oz., 35c.;  $\frac{1}{2}$  lb., \$1.10; lb., \$4.00.

**970 Livingston's Potato Leaf**—Fine for growing on trellises. See page 16. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.75.

**968 Livingston's Improved Dwarf Champion**—Firm, solid, thick fleshed. Described on page 16. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 85c.; lb., \$3.00.

**972 Livingston's Dwarf Purple**—Fruits thick through; flesh solid. Consult page 16. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.75.

**976 Livingston's Princess**—Similar to Livingston's Multi-color except in color, which is a fine glossy purple. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.

**978 Livingston's Grandus—A Purple-Fruited Livingston's Honor Bright Tomato.** The fruit is fully equal to the Livingston Beauty, being much the same in color and size; very solid. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.

**974 Livingston's Royal Colors**—Beautiful green and purple fruit; golden potato-leaved foliage; dwarf; very stocky and robust. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.

### Livingston's Yellow and Small Fruited Tomatoes

**980 Livingston's Golden Queen**—Queen of all the yellows. Described on page 16. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

**982 Livingston's Gold Ball**—Grows in clusters. Enormous bearer. See page 16. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.

**984 Livingston's Rose Peach**—Fine for preserves. Bears abundantly. See page 16. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.75.

### 983 Livingston's Dwarf Yellow Prince

(See illustration below)

Introduced by us in 1898. A very choice dwarf-growing Tomato. Very early. Flesh is solid and the flavor is desirable. Of large size and beautiful shape. When sliced with red or purple sorts, it is highly ornamental. Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 30c.;  $\frac{1}{2}$  lb., 85c.; lb., \$3.00.

### A Final Word About the Quality of "True Blue" Tomato Seed

Every pound of Tomato seed we sell is grown by us on either of our Farms, or right near them, under our close personal supervision. We handle the crop ourselves from the time it leaves the field until it is filled into bags to be shipped to customers. The fact that we can dispose annually of ten tons of our selected Tomato seed and that we have never as yet been able to produce enough to supply the demand is evident proof that planters value it.

**Packet Prices OF LIVINGSTON'S TOMATOES**—Regular Size, 10 cents each, 3 for 25 cents, one or more kinds. Smaller Size, 5 cents each, 6 for 25 cents, one or more kinds.

Dwarf Yellow Prince.



# Catalog of "True Blue" Seeds

## Other Choice Varieties of Standard Tomatoes

All new varieties of Tomatoes are tested thoroughly at our True Blue Trial Grounds. We hold on to the most meritorious and eliminate those that are unfit for our trade. Below we give the best of the standard sorts. The seed stock we offer is as fine as you can buy anywhere, and in many cases we have improved the original strain.



Comet Forcing Tomato.

### 993 Chalk's Early Jewel

Within a week to ten days as early as the famous Sparks' Earliana, it is even a heavier cropper, with Tomatoes of larger size and sweeter flavor, while its more robust growth makes it a surer cropper. Of compact growth. Large, handsome fruits, very solid, deep through. Color brightest scarlet, ripening right up to the stem without any cracks or green core. The foliage is rather open, admitting the sunlight to the center of each plant, so that all the fruits are thoroughly ripened. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor; skin thin, but strong enough to make it a good shipper.

Chalk's  
Early  
Jewel.

Pkt., 5c.; 1/2 oz., 15c.;  
oz., 25c.; 1 lb., 75c.;  
1 lb., \$2.50.

### 991 Sparks' Earliana

(See illustration, page 67, from our own photograph)

The earliest smooth, bright red Tomato of good size. It has been developed in the light, warm soil of southern New Jersey, where effort is made to market Tomatoes at the earliest possible date. It is so far superior in hardness, sure-setting of fruits, size and smooth, uniform shape, that it is now planted exclusively in that section. The plants are compact in growth, with short, close-jointed branches, setting fruits very freely. The Tomatoes are quite uniform in size and of smooth, regular form, averaging 3 inches in diameter and from 2 to 2 1/2 inches in depth. They are fleshy, solid and excellent for shipping purposes. Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 75c.; 1 lb., \$2.75.

### 992 Early Hustler (Perfected Earliana)

The principal objection to Earliana has been its rough skin. Particularly around the stem end, Earliana, as first sent out, was far from perfect. Early Hustler is perfectly smooth all over and, under favorable circumstances, will prove a few days earlier than the common strain of Earliana. Our customers will be anxious to try this splendid new sort which we highly recommend as the earliest, smoothest bright red market tomato we know. Pkt., 5c.; 1/2 oz., 20c.; oz., 35c.; 1 lb., \$1.10; 1 lb., \$4.00.

**1005 June Pink** Ripens as early as Spark's Earliana and ten days to two weeks earlier than Chalk's Early Jewel. It is an enormous bearer, clusters of six to ten fruits being borne at the crown and at the forks of the branches. The fruit is of medium size, uniform, smooth and attractively shaped, without cracks or any green core. It will average 2 1/4 to 3 inches in diameter and 2 to 2 1/2 inches in depth. The skin is reasonably tough, so that it is excellent for shipping. In color it is a bright, pleasing pink, and in markets where a pink Tomato is desired will bring 25 per cent. more in price than any red variety. Pkt., 5c.; oz., 25c.; 1 lb., 75c.; 1 lb., \$2.75.

### 1003 Comet Forcing

A superior variety for forcing under glass. Its color is a rich scarlet-red; the fruits are solid, round and smooth. It is a strong grower and an exceedingly heavy cropper, producing bunches of splendid fruits; flavor excellent. Pkt., 10c.; oz., 30c.; 1 lb., 85c.; 1 lb., \$3.00.

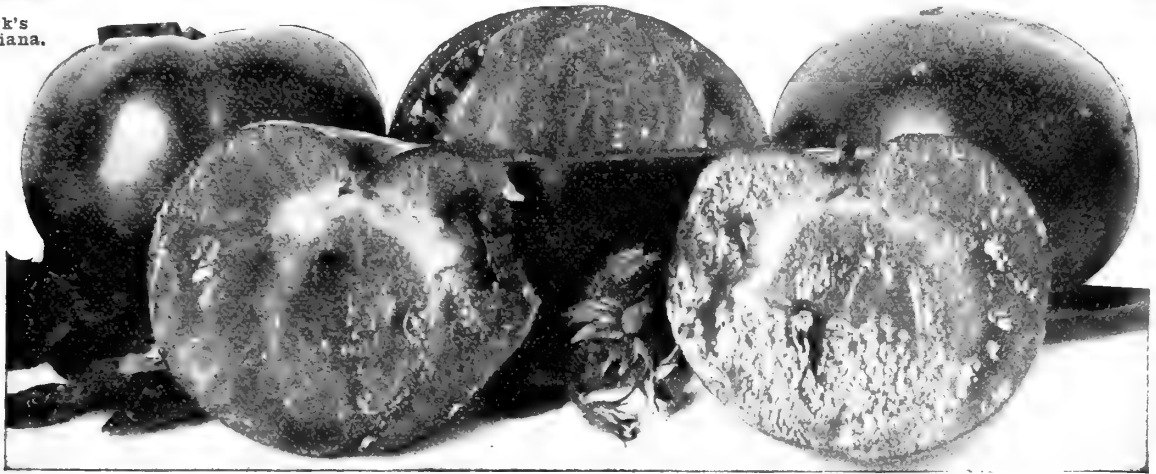
### 994 "Bonny Best"

Of about the same season as Chalk's Jewel, but fruits average somewhat smaller. They are of bright scarlet color, always smooth and of remarkably uniform size and shape. An elegant sort for market and shipping on account of its even size. Well adapted for forcing under glass. Pkt., 10c.; oz., 25c.; 1 lb., 75c.; 1 lb., \$2.50.





Spark's Earliana.



## Standard Tomatoes --- Continued

### 995 Matchless

One of the finest, smoothest main crop tomatoes in cultivation. Of rich cardinal red color, with solid flesh of finest quality. Grows to good size which it maintains throughout the season. **Pkt., 5c.; oz., 25c.; 1/2 lb., 75c.; lb., \$2.75.**

### 1011 Trucker's Favorite

(See illustration below)

A purple fruited sort of excellent quality, highly esteemed in many eastern markets. Grows to uniformly large size which is maintained until late fall. Fruits are invariably smooth, solid and the flesh is of finest color throughout. Unexcelled for slicing or cooking. Plants are very thrifty, free from rust or blight and bear continually until killed by frost. **Pkt., 5c.; oz., 25c.; 1/2 lb., 75c.; lb., \$2.50.**

**1007 Ponderosa** The fruit ripens early and bears well until very late; very solid, almost seedless, of good sub-acid flavor and of immense size, frequently weighing considerably more than 2 pounds. Somewhat scattered on the vine, and a percentage are rather rough. Good Tomato for home use; splendid slicer. **Pkt., 5c.; 1/2 oz., 20c.; oz., 35c.; 1/2 lb., \$1.10; lb., \$4.00.**

### 996 New "Dwarf Giant" Tomato

A new dwarf sort of good size and various other unique characteristics. It is very prolific, producing fruits in clusters around the base of the plant. Tomatoes are smooth and of regular size and shape. Of the same color as Ponderosa—the originator calls it a "Dwarf Ponderosa." **Pkt., 10c.; 1/2 oz., 25c.; oz., 40c.; 1/2 lb., \$1.25.**

**1009 Enormous** Size very large, about same as Livingston's Buckeye State; smooth, but apt to crack about the stem end; few seeds, and of fair quality when grown on good soil. **Pkt., 5c.; 1/2 oz., 20c.; oz., 35c.; 1/2 lb., \$1.00; lb., \$3.50.**

**1013 Early Detroit** A good large, early purple sort. Fruits average 3 1/4 inches in diameter, are thick through and solid. A very prolific sort in certain seasons and on some soils. **Pkt., 5c.; oz., 35c.; 1/2 lb., \$1.00; lb., \$3.50.**

**997 Success** Resembles our Livingston's Stone Tomato very much, but of smaller size. A good red, smooth, solid and productive sort. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1/2 lb., 75c.; lb., \$2.75.**

### 999 Magnificent

A large and productive, smooth variety, with beautiful scarlet-colored fruit. Reliable. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1/2 lb., 65c.; lb., \$2.00.**

### 1001 Atlantic Prize

Strong grower, bright red, solid and handsome. **Pkt., 5c.; oz., 25c.; 1/2 lb., 70c.; lb., \$2.25.**

We can supply the following varieties at the uniform price of—**Pkt., 5c.; oz., 25c.; 1/2 lb., 70c.; lb., \$2.25** (except as noted.) Cardinal, Cumberland Red, Duke of York (per lb., \$4.00), Trophy.

### Small Fruited Tomatoes

Excellent for Preserves, Pickles and Pies

**1020 Red Currant—Pkt., 5c. 1021 Red Cherry—Pkt., 5c.**

**1022 Red Pear-Shaped—Pkt., 5c.**

**1023 Yellow Plum—Pkt., 5c. 1024 Yellow Cherry—Pkt., 5c.**

**1025 Yellow Pear-Shaped—Pkt., 5c.**

**Small-Fruited Tomatoes—1/2 oz., 20c.; oz., 30c.; 1/2 lb., 85c.; lb., \$3.00.**

**1026 Mixed Small Tomatoes—Above 6 sorts. Pkt., 10c.**

### Odd Tomatoes

**Strawberry (Winter Cherry, or Husk Tomato)**—This delicate husk-enveloped Tomato is unequalled for making preserves and pies. Have a strawberry flavor and are very productive. We offer the following two sorts:

**1028 Golden-Husk**—Fruit a handsome golden color, the size of large cherries. **Pkt., 5c.; 1/2 oz., 20c.; oz., 30c.; 1/2 lb., \$1.**

**1029 Purple-Husk**—This beautiful sort produces abundantly; 1 to 2 inches in diameter. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.**

**1030 Purple Peach**—This fine Tomato resembles some peaches so closely in size, shape and general appearance that at a short distance away it is frequently taken for a peach. Color purple, blended with orange-amber; very productive. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1/2 lb., 80c.**

**1031 Yellow Peach**—Differs from the Purple Peach in color only, being a rich golden yellow. A very fine variety. **Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.; 1/2 lb., 80c.**

Trucker's Favorite





# Catalog of "True Blue" Seeds

## LIVINGSTON'S RESORTED ASPARAGUS ROOTS



## Vegetable Plants

### Artichoke Roots

The Jerusalem Artichoke can be grown only from the tubers. It is especially valuable as a cheap and healthful hog food, and the hogs do the harvesting. **Tubers—4 oz., 10c.; 1 lb., 30c.; 3 lbs., 75c., postpaid. By express or freight: Pk., 60c.; ½ bu., \$1.00; bu. (50 lbs.), \$1.75; bbl. of 3 bus., \$4.50.** 3 to 5 bushels of tubers for an acre.

### Asparagus Roots

Plantas ó raíces de Esparragos

Spargelwurzeln

We have for many years been making a great specialty of Asparagus Roots at our True Blue Seed Farms. Our splendid soil, together with the finest strains of seed obtainable, of the various standard varieties, places us in a position to produce enormous quantities of Asparagus Roots of the very best quality. You will find listed below the most approved sorts in cultivation. Kindly note our especially favorable prices:

**500 Asparagus Roots at 1,000 rates. Special prices quoted by letter on larger quantities.**

	By Mail, Doz.	Post-paid, 100	By Express, Not Prepaid.	
			100	1000
Carolina Queen .....	40c	\$2 00	\$1 00	\$8 50
Conover's Colossal .....	30c	1 15	65	5 00
Columbian Mammoth White .....	35c	1 25	75	5 50
Early Argenteuil .....	35c	1 25	75	6 00
Palmetto .....	35c	1 25	75	5 50

**50 at the 100 rate, 500 at the 1000 rate. Special Prices Quoted on Larger Quantities.**

### Garlic Sets

Garlic Sets or Bulbs are planted in early spring in rows 12 inches apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as Multiplier Onions. Garlic is used for flavoring purposes.

**Bulbs, postpaid, oz., 5c.; ½ lb., 15c.; lb., 50c.**

#### Our Business Creed

Only that business can hope to endure which renders service of benefit to its customers. Dependable seeds are the "service" expected of us. Extensive annual trials keep us posted as to the vitality and purity of the stocks we sell. Each lot of seed must come up to a certain standard or it is not sold. "True Blue" Seeds are just as reliable as they can be made.

### Horse Radish Sets

#### Splendid New Horse Radish — Nuremberg

From Bavaria comes a new variety of Horse Radish which has a great many points of superiority. By selection and most careful cultivation only, the Nuremberg Horse Radish has reached a point where individual roots 18 inches long by 2½ to 3 inches at the thickest part are produced from the growth of one year. In fact, its shape is like a parsnip. The quality is splendid; crisp, and of very fine flavor. The color is a beautiful pearl-white.

**Roots ready for planting—By mail, postpaid, 6 for 15c.; doz., 25c.; 50 for 75c.; 100 for \$1.35. By express, 500 for \$4.00; 1000 for \$7.50.**

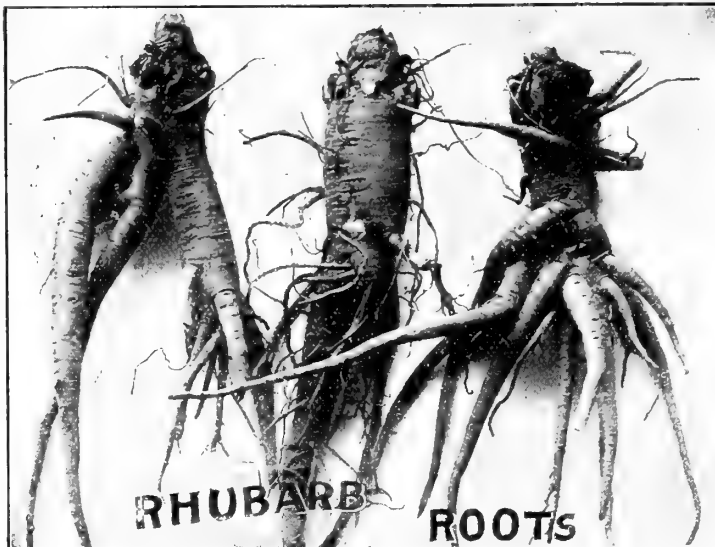
#### Common Horse Radish

**Roots ready for planting—By mail, postpaid, each, 5c.; doz., 25c.; 50 for 60c.; 100 for 90c. By express, not paid, 100 for 75c.; 300 for \$1.80; 500 for \$2.50; 1000 for \$4.50. Prices on larger lots on application.**

### Rhubarb Roots

We offer strong seedling roots, which are much more easily transplanted, do better, and the transportation charges are less than with old clumps. **Never have we had a better lot of roots, or had them in greater quantities. Should you need a large quantity of roots, write us, please, before placing your order elsewhere.**

**By mail, postpaid, each, 20c.; 2 for 30c.; 4 for 50c. By express, not paid, each, 10c.; 10 for 65c.; 50 for \$2.50; 100 for \$4.00; 1000 for \$30.00.**



### Facts About the Livingston Business

We started on a farm. Early in life we realized the importance of good seeds. We are extensive seed and plant growers. Sixty years' experience to produce the Best come now to your aid when you buy from us. We originated and introduced 25 of the best varieties of Tomatoes. The finest strains of Ohio-grown Onions are raised by us. Some of the best Musk Melons in cultivation originated with us. Rather than to become "novelty specialists" we boost sorts of proven merit. As the result, since 1876 our business has been growing continually with but little advertising. Our customers advertise for us; they are satisfied that "True Blue" products are the Best.



## Livingston's Re-Cleaned Grass and Clover Seeds

Our Grass and Clover Seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish them with these vitally important qualities—fresh, pure and free from noxious weeds and foreign seeds.

Prices on Grass and Clover Seeds are changing almost daily, **AND WE CAN ONLY GIVE PRICES SUBJECT TO FLUCTUATIONS.** No charge for bags at prices quoted below; do not forget this important item when comparing our prices with others. Our single pound prices include postage paid by us. Deduct 10 cents per pound from single pound prices if to be sent with other goods by express or freight. Those wanting seeds in larger quantities should **WRITE US FOR SPECIAL RATES.**

### Best Grasses

**Awnless Brome Grass (*Bromus inermis*)**—Will stand long droughts and still produce heavy crops in dry sections where other grasses would surely perish. Has also proven itself one of the hardest grasses. Especially desirable for permanent pastures. Succeeds in a wider range of temperature than any other grass. Sow from 25 to 30 pounds per acre. (Bu., 14 lbs.) **Lb., 30c.; 10 lbs., \$1.75; 100 lbs., \$14.00.**

**Creeping Bent Grass (*Agrostis stolonifera*)**—Excellent for pasture when mixed with other grasses. Succeeds well in most sections and thrives in moist land. Sow 40 lbs. per acre. (Bu., 14 lbs.) **Lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$28.00.**

**Crested Dog's Tail (*Cynosurus cristatus*)**—May be sown on lawns; forms a close turf, remaining green a long time; valuable for sheep pasture; succeeds on dry, hard, and gravelly soil. Height 1 to 1½ feet. Sow 25 lbs. per acre. (Bu., 21 lbs.) **Lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$28.40.**

**Hard Fescue (*Festuca duriuscula*)**—Not very productive but is of very fine quality; thrives in dry situations where many other grasses would fail, thus making it desirable for pasture. Sow 30 lbs. per acre. (Bu., about 12 lbs.) **Lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$21.00.**

**Kentucky Blue Grass, June Grass (*Poa pratensis*)**—Universally known; desirable for pastures and lawns. Sow in fall or spring at rate of 30 to 40 lbs. per acre. (Bu., 14 lbs.) **Export Fancy Clean Seed—Lb., 45c.; 10 lbs., \$3.40; 100 lbs., \$29.00.**

**Meadow Fescue (*Festuca pratensis*)**—Thrives in all soils; excellent for permanent pastures; starts early; productive. Sow 25 to 35 lbs. per acre. (Bu., 24 lbs.) **Lb., 55c.; 10 lbs., \$4.50; 100 lbs., \$38.00.**

**Orchard Grass (*Dactylis glomerata*)**—Extremely hardy and widely known. One of the earliest to start in the spring; grows rapidly; furnishes an abundance of pasture the entire season. Sow 20 to 30 lbs. per acre. (Bu., 14 lbs.) **Lb., 35c.; 10 lbs., \$2.25; 100 lbs., \$18.00.**

**Perennial Rye Grass (*Lolium perenne*)**—Very nutritious; valuable for meadows or permanent pastures; rapid grower. Sow 25 to 35 lbs. per acre. (Bu., 24 lbs.) **Lb., 25c.; 10 lbs., \$1.00; 100 lbs., \$8.50.**

**Red Top Grass (*Agrostis vulgaris*)**—Thrives well in any soil, but best on low land; produces a firm sod. Sow 15 to 20 lbs. per acre. (Bu., 14 lbs.) **Fancy Clean—Lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.**

**Rhode Island Bent Grass (*Agrostis canina*)**—Valuable for lawns. Sow 35 to 50 lbs. per acre for lawns, 20 to 30 lbs. for pasture. (Bu., 12 lbs.) **Lb., 40c.; 10 lbs., \$3.50; 100 lbs., \$29.00.**

**Sweet Vernal (*Anthoxanthum odoratum*)**—Very fragrant. Mixed with other grasses for pasture it is quite valuable, as it starts early in the spring and grows until late in the fall. Sow 35 lbs. per acre. (Bu., 10 lbs.) **Lb., 80c.; 10 lbs., \$7.00.**

**Sheep's Fescue (*Festuca ovina*)**—Grows naturally on light, dry, sandy soils and mountain pastures; considered valuable mixed with other grasses for permanent early spring pasture. Sow 15 lbs. per acre. (Bu. about 12 lbs.) **Lb., 30c.; 10 lbs., \$2.50; 100 lbs., \$22.00.**

**Tall Meadow Oat Grass (*Avena elatior*)**—Used for soiling. Succeeds well in sandy lands, and owing to its long fibrous roots, stands cold and drought well. Sow 25 to 30 lbs. per acre. (Bu., 10 lbs.) **Lb., 35c.; 10 lbs., \$2.50; 100 lbs., \$22.00.**

**Timothy (*Phleum pratense*)**—A well-known variety. When ready to buy, write us for latest prices, whether you want a bag or a carload. Sow 8 lbs. per acre. (Bu., 45 lbs.)

**Prime Seed . . . . . Lb., 30c.; 10 lbs., \$2.00; 100 lbs., \$19.00**  
**Choice Seed . . . . . Lb., 30c.; 10 lbs., \$2.10; 100 lbs., \$20.00**

**Wood Meadow Grass (*Poa nemoralis*)**—Adapted for pasture or pleasure grounds; of early growth; thrives under trees. Sow 25 to 30 lbs. per acre. (Bu., 14 lbs.) **Lb., 55c.; 10 lbs., \$4.50; 100 lbs., \$43.00.**

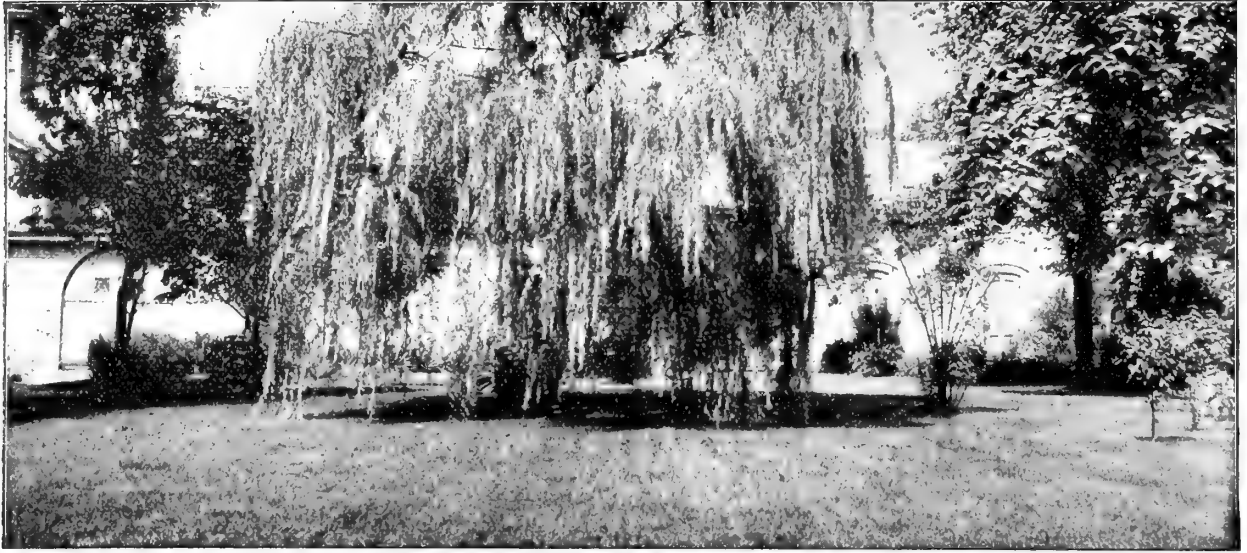
### Mixed Grasses For Meadows and Permanent Pastures.

We are prepared to furnish seeds adapted to all soils, all situations and all purposes—for light, medium, and heavy soils. By light soils we mean that which is more or less of a sandy or gravelly nature; the heavy, clay and heavy loams, while the medium is an intermediate between these two. A light, wet soil, with respect to grasses suited to it, may be considered same as too heavy soils; a dry, heavy soil more as the light soils. Write us what you want, giving nature of soil, number of acres, etc., and we will, with pleasure, give you estimates and terms.



Timothy.

# Catalog of "True Blue" Seeds



**Note** Owing to sharp advances in price of foreign and domestic grass seeds we are obliged to increase our prices accordingly. With us quality is first consideration. Cheap lawn grass cannot be of "True Blue" quality.

## Livingston's Capitol Lawn Grass Seed

contains only the highest grade of grasses suitable for the purpose of making a beautiful, durable, lasting lawn. Our Capitol Lawn Grass Seed germinates quickly, roots deeply. This enables it to readily withstand the intense heat of summer and the hard cold of winter, showing a beautiful, rich green from snow to snow. It contains no annual grasses for making a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy. When a lawn is once established from our seed, it lasts for years. From six to eight weeks' time is all that is required to form a close, thick turf of rich, velvety green. We have made the formation of lawns a careful study, and many of the finest lawns and grass plots all over the United States were made from **Livingston's Capitol Lawn Grass Seed**. For a perfect and enduring lawn of closely interwoven, firm, elastic turf, which will flourish under varied conditions of soil and climate and show a luxuriant, rich green growth throughout the year, plant **Livingston's Capitol Lawn Grass Seed**.

**Quantities to Use**—One lb. for 400 sq. ft.; 5 lbs. for 2000 sq. ft.; 10 lbs. for 4000 sq. ft.; 25 lbs. for 10,890 sq. ft.; (½ acre); 34 lbs. for 14,550 sq. ft. (1-3 acre); 50 lbs. for 21,780 sq. ft. (½ acre); 100 lbs. for 43,560 sq. ft. (1 acre).

**For Renewing Old Lawns**—Use about one-half the quantity given in above directions.  
**Capitol Lawn Grass Seed** is the cheapest as well as the best lawn grass seed offered. While 14 lbs. of lawn grass seed is usually considered a bushel, this will weigh 20 lbs. and over to the bushel. We sell by the pound instead of quart. This method of selling is very much to the advantage of the purchaser, as a pound of grass seed measures over 1½ quarts.

**Price** First Quality, per lb., 50c.; 2 lbs., 95c., postpaid. 1 bu., \$6.00; 5 bu., \$28.75. Deduct 10c. from lb. prices if to be sent by Express or Freight.

**Price** Second Quality, per lb., 45c.; 2 lbs., 85c.; postpaid. 1 bu., \$5.75; 5 bu., \$27.50. Deduct 10c. from lb. prices if to be sent by Express or Freight.

**How to Make a Lawn.**—The preparation of the soil is very important in making a good lawn. As early as possible in the Spring it should be thoroughly dug or ploughed to the depth of 10 or 12 inches and properly graded to the desired level. Remove all stones, sticks, sods, etc., harrow or rake it fine and roll it firm. It is impossible to get the soil too fine to receive the seed. After rolling the soil will be ready for the seed. If the soil is poor, wood ashes, bone meal or pulverized sheep manure should be added after digging it up. Well-rotted stable manure is also good, but it often contains weed seeds. **Sow the best seed obtainable**; it is always cheapest in the end; use quantity as indicated by table on this page. It is best to sow seed liberally, not only so as to produce a lawn quickly, but because the best lawn seed produces fine-leaved grasses which should take entire possession of the ground at once, thus choking out and preventing the development of any weed seeds, which are apt to be in all soils. Sow seed by hand, distributing it evenly, going both ways across the plot. After sowing, cover the seed by raking lightly; then roll. When the grass has become well rooted, use lawn mower. Keep the mower sharp, as if dull it will pull and injure the grass, besides causing the lawn to have an uneven appearance. Never allow the grass to become so high that the mower will take off the first joint, as this is an injury. Mow as often as necessary; in growing weather at least once a week. Let the short clippings remain on the lawn, as they wither and dry and form a protection to the roots. When the clippings are long, they should be raked off, for, besides being unsightly, they are also injurious. When dry and hot, avoid cutting too close.

**To Grass a Terrace.**—Take for each square rod a pound of lawn grass seed, and mix it with about six cubic feet of good dry garden loam. Place it in a tub and add liquid manure, diluted with about two-thirds water until the mixture has the consistency of mortar. Make the slope even and smooth, water it well, then apply a thin, even coat of mixture.

### Shady Place Mixture

On nearly all lawns there are shaded, bare and unsightly spots on which the owners have difficulty in getting a stand of grass. For such places this mixture is adapted. It is composed of grasses which naturally grow in shaded places. They are the finest and most costly of all grasses. If the soil is covered with moss or seems "sour" and out of condition, rake off the surface and apply slaked lime at the rate of one bushel to 1000 square feet. This will sweeten the soil. Then dig and prepare the lawn as directed above. Prices: Lb., 55c.; 3 lbs., \$1.50, postpaid. Bu., \$7.00. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

**Special Quotations.**—We are always pleased to quote special prices to Kentucky Parks, Institutions, Golf Clubs and others who require Lawn Grass Seeds in large quantities.

### Golf Links Mixture

We make a mixture of grasses suitable to the purposes of the golf links, so it will stand rough usage. We can also prescribe for links located on poor or rich, dry or wet soils, telling which grass will best suit each location. **Write us, stating your requirements.**

### Tennis Court Mixture

A mixture composed of low-growing hardy grasses suitable for ground of this character. Price: Lb., 55c.; 3 lbs., \$1.50, postpaid. Bu., \$7.00. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight.

Kentucky Blue Grass is offered on page 71.

**Prices of all Grass and Clover Seeds are subject to market changes.**



All prices of Grass, Clover and Field Seeds are subject to market changes

## Livingston's Re-Cleaned Clover Seeds

Parties wishing large quantities will do well to get samples and prices before placing their orders. We handle it on a close margin and supply the finest grades. It is impossible to tell how low our prices are without seeing samples, which will be sent free on application. A bushel of clover seed is 60 pounds. Deduct 10 cents per pound from single pound prices, if to go by express or freight at purchaser's expense.

### Alfalfa, or Lucerne (*Medicago sativa*)

Alfalfa is being more generally grown as experience is teaching our farmers the proper soils on which it should be sown. It requires cutting at least twice the first season, even if not large enough to make hay. Cutting destroys any weeds that may come up in it, and gives the Alfalfa a chance. Must be sown at the rate of 20 to 25 pounds per acre when sown broadcast. It requires well-drained, well-pulverized, deep soil, and should be sown after danger of freezing is over. It prefers sand or gravel subsoil; wet soil is fatal to the plant. Roots from 3 to 15 feet deep, and when established lasts for years, and two or three crops a year can be cut. Not recommended for pasture. We make a specialty of extra choice seed-stock that stands well above 99 per cent pure. Get our prices and samples before ordering and ask for circular on growing Alfalfa; it will prove interesting. **Lb., 40c., postpaid; by express or freight, 10 lbs., \$2.80; 100 lbs., \$22.00.**

### Sweet Clover, or Bokhara

A variety of Clover that resembles Alfalfa both as to appearance and habit of growth when young. It grows much larger than Alfalfa—often 4 to 6 feet high. It makes a very vigorous growth and is much used to plow under as a green manure. Is valuable in the bringing up of old waste and worn-out soils, and thrives well even on extremely poor soil. If plowed under it adds humus and nitrogen to the soil, or if simply left to grow up and drop back for a few years the decaying stalks and roots will do wonders for the land.

Its greatest value other than a fertilizer is in preparing the soil for Alfalfa as the bacteria of Sweet Clover is the same as that of Alfalfa. Sweet Clover will thrive on all classes of soil and will inoculate land otherwise too poor to establish Alfalfa. It is also largely used for bee pasture, its small white flowers yielding much honey. Sow from April 1st to Sept. 15th, with or without nurse crops, at the rate of 15 to 25 lbs. per acre. **Lb., 35c., postpaid. 10 lbs., \$2.50; 100 lbs., \$22.00.**

**Mammoth Clover**—Valuable with other grasses for mixed hay. Ripens about with Timothy. Being a rank grower, it is used largely for plowing under. Sow 10 lbs. per acre. **Lb., 50c., postpaid; 10 lbs., \$3.50; 100 lbs., \$30.00.**

**Alsike, or Hybrid (Swedish)**—Hardest of all clovers. On rich, moist soil, yields large quantities of hay or pasturage. Will thrive in soils which are so wet that the common Red Clover would not live. Unlike some of the other clovers, which have tap roots, Alsike has many fibrous roots, hence is not injured by freezing and thawing of the ground. Esteemed highly by beekeepers. Sow 5 lbs. per acre. **Lb., 45c., postpaid; 10 lbs., \$3.00; 100 lbs., \$27.00.**

**Medium, or Common Red**—The most important and valuable of the Clover family. Makes the best of hay. Sow 10 lbs. per acre. **Lb., 50c., postpaid; 10 lbs., \$3.00; 100 lbs., \$30.00.**

### Crimson Clover

Should be sown in July, August and September of each year. Can be sown with corn, or any cultivated crop. Sow 10 to 15 lbs. per acre. Cover lightly. Use only American grown seed. The spring following it can be cut for soiling by April 20; for ensilage, May 1 to 15; for seed, first week in June. **Lb., 30c., postpaid; 10 lbs., \$2; 100 lbs., \$15.**

### White Dutch Clover

Good in permanent pastures, especially for cattle; valuable for bees, and the best variety for lawns, as it forms a close herbage and remains green throughout the season. Sow in spring at the rate of 5 lbs. per acre when sown alone; half the quantity when sown with other grasses. **Lb., 55c., postpaid; 10 lbs., \$5; 100 lbs., \$40.**

### Millets (German or Golden)

**True Southern Grown**—Far superior to Western grown. Will grow in any climate or soil, and make a large yield of most nutritious feed. Prepare the ground well before sowing; sow not less than 50 pounds per acre, at any time between May 1st and June 15th. Cover with a single stroke of a light harrow, or roll without harrowing, or it may be sown with a wheat drill, barely covering the seed. Cut the crop while in bloom, before the seed hardens. (Bu. 50 lbs.) **Lb., 20c.; 10 lbs., 50c.; 100 lbs., \$4.00.**

**German, Western Grown**, at the Market price.

### Hungarian Millet (Grass)

A valuable forage plant of the Millet family, but not so coarse. Sown and cultivated same as Millet. Quite a favorite with stockmen. (Bu. 48 lbs.) **Lb., 40c.; 10 lbs., 45c.; 100 lbs., \$3.50.**





# Catalog of "True Blue" Seeds

## Livingston's Finest Grain Seeds

Prices subject to market  
fluctuations



### Selected Seed Oats

We have always realized the importance of supplying growers with the best selected Seed Oats, and we can truly say that our efforts in this direction have resulted in our customers obtaining increased yields by sowing our superior stocks. The crop of Seed Oats was only of average size last season, and consequently our stock is limited. We advise early purchase.

### Regenerated Swedish Select Oats

(See illustration.) Originated and introduced by Garton Seed Co., of England, are now well acclimated and have given excellent satisfaction. Weighs from 32 to 40 lbs. per measured bushel. The straw is heavy and strong and not liable to lodge. The heads are large, upright and bushy. The grains are white, large, thick and plump with very thin hull, making a very fine appearance and very desirable for feeding. Their strong root development enables them to withstand drought better than many varieties; are quite early and less liable to damage by rust than many sorts.

Price—Postpaid,  $\frac{1}{2}$  lb., 15c.; lb., 25c. By express or freight not paid: Pk., 40c.;  $\frac{1}{2}$  bu., 70c.; bu. (32 lbs.), \$1.25; 2 bu., \$2.40; 5 bu. or more, \$1.15 per bu.

### Silver Mine Oats

(See illustration.) Silver Mine have given universal satisfaction ever since their introduction in 1895. Many farmers will plant no other sort as they offer all desirable points: Large, plump, white grain, and good straws. Medium early and good yielder. Postpaid, lb., 25c.; 3 lbs., 60c. By express or freight, pk., 30c.; bu. (32 lbs.), \$1.00; 5 bu., \$4.75; 10 bu., \$9.00. Bags free.

### American Banner Oats

Yields large crop. Grains large, white, plump; early; stiff straw of good length. Postpaid, lb., 25c.; 3 lbs., 60c. By express or freight, pk., 30c.; bu. (32 lbs.), \$1.00; 5 bu., \$4.75; 10 bu., \$9.00. Bags free.

Write us for SPECIAL PRICES on larger quantities of Seed Oats.

### Spring Wheat

(60 lbs. to bushel)

**Velvet Chaff Blue Stem**—A distinct variety, having white, velvet-like chaff; heads are beardless. The stem, just below the head, when green, has a beautiful blue bloom, which disappears as the wheat ripens, both wheat and straw assuming a bright golden tint. The kernel is of the hard variety. Bu., \$2.25. Write us for Prices on larger quantities of Spring Wheat.

### Spring Rye

Write for samples and prices.

### Barley

(48 lbs. to bushel)

**Beardless**—Barley needs a rich land, more sandy and lighter than that adapted to Wheat. It is sown in the spring and can be grown farther North than any other

grain. It should be cut before fully ripe (unless intended for seed), as it is then heavier, of better quality and less liable to shell. Use about 2 bushels per acre. Lb., 25c.; 3 lbs., 65c., postpaid. Pk., 45c.; bu., \$1.50; 10 bu. for \$14.50.

### Speltz or Emmer (40 lbs. to bushel)

A valuable grain recently introduced from Russia. It is adapted to dry sections and poor soils, often yielding 50 bushels or more of grain per acre where Wheat or other grains would be total failures. The straw of Speltz has feeding value equal to barley straw and grain, and is relished by all kinds of stock. Sow in the spring, 50 lbs. per acre. Large pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid. 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.



Silver Mine Oats.



## Livingston's Thoroughbred Field Corn Seed

One bushel of Field Corn Seed will plant from five and one-half to seven acres, according to variety and whether the hill or drill method of planting is followed. Livingston's Thoroughbred Field Corn Seed only costs you 30 or 40 cents for sufficient seed to plant an acre. We earnestly urge you to plant the best Field Corn Seed that our many years of experience has been able to produce. Our strains are pure.

Situated, as we are, in the very best territory in this country as regards both soil and climate, for growing and perfecting Field Corn, we would impress upon you the fact that our facilities and opportunities for securing and supplying the most thoroughbred strains of Field Corn are not exceeded by any seed firm.

The Seed Corn crops this year were cut short by the extreme drought; the crops, however, have matured thoroughly and we have warehoused a very choice lot. We are therefore absolutely confident that the stocks we have to offer this season will prove perfectly satisfactory to our customers in every respect. Each and every variety we offer will be found true to name. The planting stock strains are each year carefully selected by our Seed Corn Expert, who has had over 30 years' experience with us in this special line.

The varieties of Seed Field Corn we offer are considered by expert opinion to be the best in general cultivation at the present time, and each one is an entirely distinct and most valuable variety. All our Field Corn Seed is well

matured, thoroughly cured, and shelled with the greatest care, so that the germ shall not be injured. We test all varieties before sending the seed to our customers, that there may be no doubt as to the perfect vitality. If our strains of Field Corn Seed are properly planted and the conditions are favorable, there can be no question but that a most satisfactory yield of corn will be the final result. To avoid delay when ordering late in the season, it would be well for you to mention your second choice, or state whether we shall send you a sort adapted to your locality, or refund the money, provided we are sold out of your first choice when your order arrives. Field Corn Seed on the ear can only be supplied while our present stock lasts.

### Our Grand New Field Corn

## Kilbury's Yellow Hybrid

**A NEW AND VERY DESIRABLE VARIETY. THE EARLIEST LARGE-EARED CORN IN CULTIVATION. HANDSOME, UNIFORM EAR. DEEP GRAINS.**

This splendid Corn is one of the most valuable new varieties which has come under our notice for a long time. (See illustration.) The following is the originator's description: "Kilbury's Yellow Hybrid Corn is deep in color, with red cob which tapers uniformly from butt to tip, with deep grains well compacted on cob. Ears large, from 9 to 12 inches in length. Fodder large; ears  $3\frac{1}{2}$  to 5 feet from ground, husks easy, does not fall off in handling. The earliest large corn on the market. Plant any time in May; it has matured planted as late as June 15th. This Corn has been successfully grown for eighteen (18) years on black loam and clay soils, and is well adapted to both."

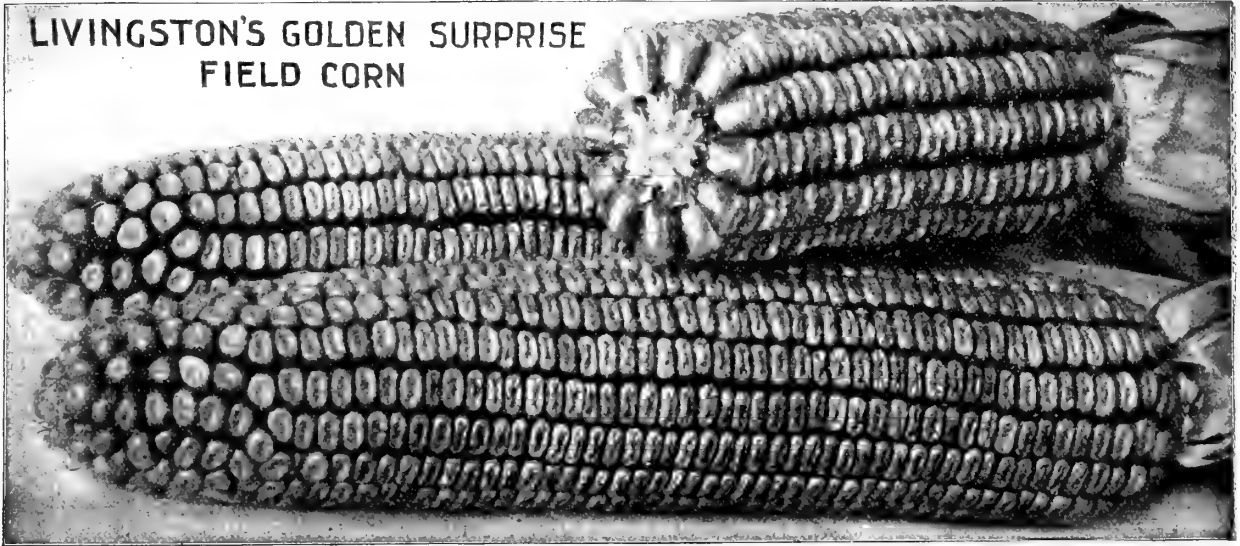
When we offered Kilbury's Yellow Hybrid for the first time we added the following to the originator's description: "After careful examination of this Corn, both growing in fields and after being harvested, we believe it to be all that Mr. Kilbury claims. It is the result of careful selection from hybrids of Leaming and Clarage, but is much larger than either of the parents, with deep kernels which are well and evenly dented. The color is a very rich orange, darker than Leaming. It is a large, medium early corn; safe to plant in localities no colder than Ohio. This Corn 'looks good' to us, and we recommend our friends to try it." We have now had another season's experience with this Corn and it has pleased us greatly. We are more than ever satisfied that it will prove in every respect even better than we claimed when introducing it. If you want the earliest big-eared corn grown, with large, heavy, deep grains and small cob, a yellow corn, plant **Kilbury's Yellow Hybrid**. Our stock of seed is strictly A No. 1.

**PRICES**—Sample ear, 30c.; large pkt., 10c.; qt., 40c., postpaid. By express or freight, purchaser paying transportation charges:  $\frac{1}{2}$  pk., 50c.; pk., 70c.;  $\frac{1}{2}$  bu., \$1.25; bu., \$2.25; 5 bu., \$10.50. 6 Select ears, 50c.; bu. (68 lbs.) of ears, \$2.75.

We are Seed Growers, and at our large True Blue and Kirkersville Seed Farms have hundreds of acres devoted to growing the highest quality of seeds it is possible to produce. Some varieties which do better in other sections of the country are grown for us by experts in those places where they do the best, under contract, and subject to our personal supervision and frequent inspection; hence our seeds are of highest quality.

Prices of all Farm Seeds quoted in this Catalogue are subject to market changes. The prices given are those ruling at the time this Catalogue is published, January 1st. But we reserve the right to change prices without notice.





## Livingston's Golden Surprise Field Corn

The Large Amount of Corn Produced on Such Small Cobs Surprises Everyone. Entirely Distinct. Stalks Short and Strong. Ripens in 90 to 100 Days. Ears Medium Size. Deep Grained. Small Cob. A Great Feeding Corn.

A variety of great merit offered and named by us in 1898, and, as anticipated, it has met with great favor wherever it has been thoroughly tested. Our description of Golden Surprise Field Corn consists of plain statements and simple facts.

Our illustration, reproduced above, is from a photograph and will give you a very accurate idea of the ears. The cob is small. The corn, as a whole, is indicative of its name, and is indeed a genuine surprise to all who grow it. Beautiful in its rich golden color and even size from butt to tip of the ear. Profitable in its depth of grain and small per cent. of waste in cob. Convenient in its short fodder growth and easy break of ear from the stalk. Certain in its early maturity, and, all points considered, the best

early corn up to date. Golden Surprise was not offered to the general public until after ten years and more of the closest and most critical observation, careful breeding and selection to its present perfect type. We have tested this corn for years in various localities in comparison with well known sorts, and find it fully equal in average bulk to any on the market, but in depth of grain and weight of shelled corn per bushel it has no competitor. Its habit of growth is a very vigorous, medium sized, strong stalk, with broad, closely set leaves, which makes it a valuable fodder corn. An absolutely distinct Yellow Dent Field Corn of unquestionable merit.

**PRICES**—Sample ear, 30c.; large pkt., 10c.; qt., 40c., postpaid. By express or freight, purchaser paying transportation charges: ½ pk., 50c.; pk., 70c.; ½ bu., \$1.25; bu., \$2.25; 5 bu., \$10.50. 6 Select ears, 50c.; bu. (68 lbs.) of ears, \$2.75.

## Johnson County White Dent

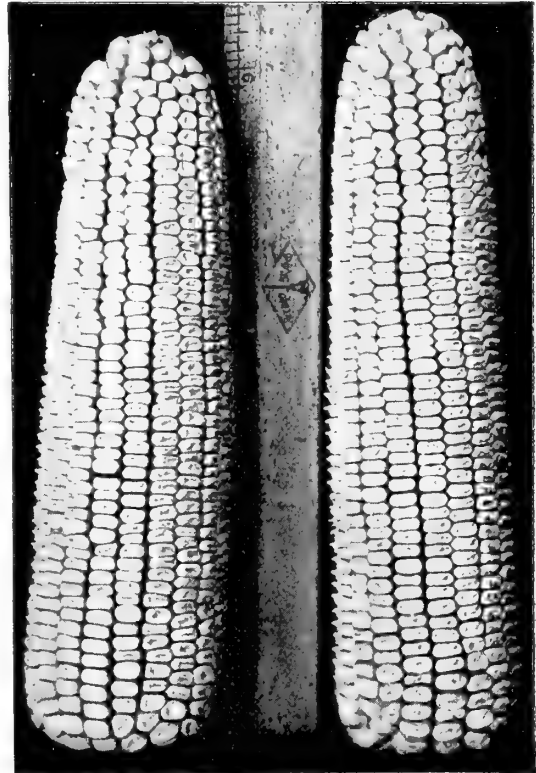
This variety is a cross between Boone Co. White and Forsythe Favorite and developed and introduced by L. B. Clore and has had 18 years of careful painstaking and intelligent selection and breeding. During the last 5 or 6 years it has been very prominently before the corn-growing public, and in the National Corn Shows has occupied a very enviable place, having been awarded sweepstake prizes at each show for 4 consecutive years. For the corn-growing belt we are quite sure there is no White corn grown today of equal merit. The corn has become famous for yield and quality, and especially valuable where one wishes to grow show stock.

The stock we are offering was produced from stock seed secured direct from the originator, spring of 1911, and was grown in the latitude of Columbus on high upland in the central western portion of this state.

The shape of the ear is cylindrical to within about 2 inches of the tip, then slightly tapering. Tips fill well over the end and a large per cent of the ears are entirely covered with grains; the butts are well rounded out with a medium-sized shank, kernels very uniform wedge shaped, pure white, and white cob; ears average about 10 inches in length with the circumference about ¾ of the length.

Of strong and vigorous habit of growth and well covered with broad blades,—very valuable for ensilage. Length of season about 120 days. This corn has been successfully grown as far north as Ft. Wayne, Ind., or Marion, O. We especially recommend it for the great corn-growing valleys in latitudes of Columbus and south.

**PRICE**—Sample ear, 30c. each; large pkt., 10c.; qt., 40c., postpaid. By express or freight, purchaser paying transportation charges: ½ pk., 60c.; pk., 85c.; ½ bu., \$1.60; bu., \$3.00; 5 bu., \$13.75. 6 Select ears, 80c.; bu., 68 lbs. of ears, \$3.75.



Johnson County White Dent.



**Field Corn—Continued.**

The splendid varieties described and priced on this and the following pages have all been grown especially for seed, and will be found well cured and true to name—in fact, first class in every respect. We would ask our customers to place their orders as early as possible while our stocks remain unbroken. Prices of Field Corn by Packet, Quart and Sample Ear include postage. On larger quantities, by express or freight, purchasers must pay the transportation charges.

**True Yellow Leaming**

An extensively grown large Yellow Dent variety, which we have grown and sold with the greatest satisfaction for years. Our improved strain we do not believe is excelled, if equaled, by any other now offered. It has pure, glossy yellow ears, growing low, on very strong, heavy stalks; grains square and deep; ripens quite early—frequently in 100 days from planting. Yields from 75 to 100 bushels per acre. Adapted to rich soils. (See illustration.)

For prices, see below.

**True Yellow Clarage**

Best Second Early. Sure to Ripen.

This variety has been grown extensively in this locality for over 50 years, and is one of the surest cropping varieties ever grown here. Ripens between Pride of the North and True Yellow Leaming. Ear medium in size, very uniform its entire length and well filled out at both ends. Husks very easily; of rich golden yellow color and very productive. In favorable seasons will ripen planted as late as the first of July. Highly recommended as one of the best in points of early maturity, productiveness and very rich in feeding qualities. (See illustration.)

For prices, see below.

**White Cap Yellow Dent**

We offer a large strain of this splendid variety. Of a fair crop in recent years, ten ears weighed 13 lbs. It is a very strong grower, with heavy fodder and large ears. The grain has white cap, with lemon-yellow body. An enormous yielder. We have only a limited quantity of this, which we offer while it lasts as priced below.

**Red River**

A good old variety, which has been grown throughout central Ohio for many years. It is of a reddish yellow color; has heavy, medium sized ears, averaging a little larger and maturing a little earlier than the well-known True Yellow Leaming. It is noted for its hardiness and vigorous habit of growth. On this account will stand quite early planting, even when the ground is still too cold to risk planting many other good sorts. It shows very little, if any, damage, should it become wet after being husked. It is a very heavy and sure cropper.

For prices, see below.

**Pride of the North**

The very earliest Yellow Dent Field Corn in cultivation, and can be successfully grown farther north than any other Dent variety. Ripens readily even in New England. Matures perfectly in 90 days and is very frequently safe from frost in 75 days. Very hardy, ears of uniform size; too small for a main crop, but right size for stock feeding; cob small, kernels set closely on cob and are long and compact. This variety is planted quite largely for early crop to feed stock while yet green; and is also planted late when larger varieties could not possibly mature before the frosts.

**UNIFORM PRICES FOR ALL VARIETIES LISTED ABOVE:**

Sample ear, 30c.; large pkt., 10c.; qt., 40c., postpaid. By Express or Freight, purchaser paying transportation charges: 1/2 pk., 50c.; pk., 70c.; 1/2 bu., \$1.25; bu., \$2.25; 5 bu., \$10.50. 6 Select ears, 50c.; bu. (68 lbs.) of ears, \$2.75.



True Yellow Leaming Field Corn.



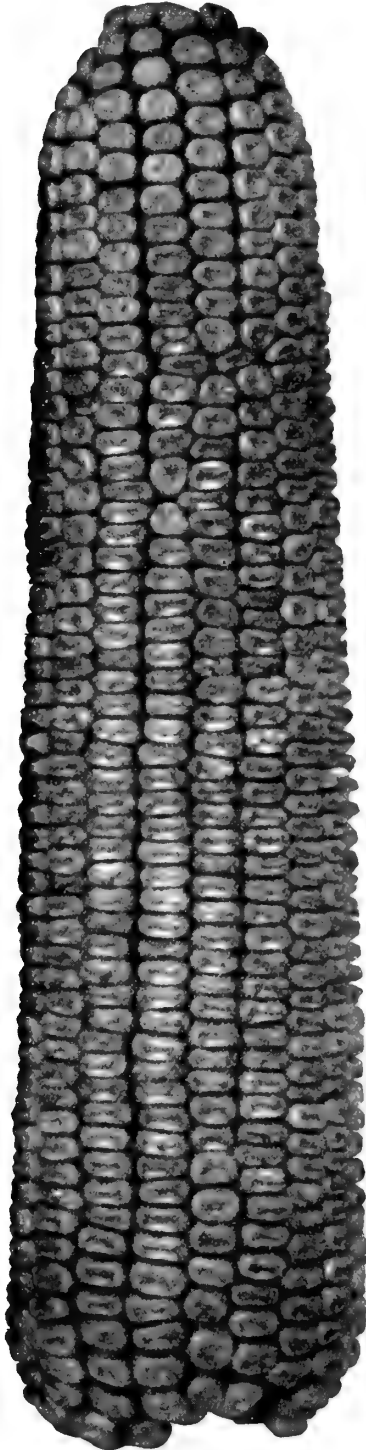
True Yellow Clarage Field Corn.



# Catalog of True Blue Seeds

## Livingston's Mammoth White Dent Field Corn

A very large White Dent Field Corn. Has a broad, very deep, pure white kernel and cob. Grades strictly white in any market. It is very desirable for white cornmeal, and those desiring a large white corn cannot fail to be pleased with this splendid variety. We have sold this excellent corn for many years past, and we can honestly pronounce it the best large White Dent. Matures as early as any of the yellow varieties of the same large-sized ear. (See illustration to right, reduced in size, from our own photograph.) **For prices, see below.**



Reid's Yellow Dent.

## Reid's Thoroughbred Yellow Dent

(See illustration to the left, from our own photo.)

If any seed grain can truly be called pedigreed, the Reid's Yellow Dent Field Corn is certainly entitled to be known as such, as its history dates many years back. It has been bred up and selected with painstaking care to what is at the present time one of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row, and is well filled over the ends, and especially the butt, leaving a small shank, which makes it a great favorite with huskers. Best shredding sort, as it shatters the least of any by actual test.

In some of the principal corn growing states of the West it has no equal, and reports from many other states are very flattering. The Iowa Experiment Station report of 1901 gave the Reid's Yellow Dent an average of 100 bushels per acre, while the Agricultural Students' Union of Ohio in 1903 gave it a yield of 14 per cent. above all other varieties. As a winner of prizes from the World's Fair at Chicago in 1893, and at Western corn carnivals and shows down to the present time, it stands at the head. **For prices, see below.**

## Gold Standard Leaming

A strain of Corn that has been developed from the old standard J. S. Leaming type originated in 1826.

This variety is becoming quite well known and is, indeed, a very valuable strain. It is quite rich in both oil and protein and because of these qualities is a very valuable corn for the feeder. The ear is much more cylindrical than the old strain; good length, fine uniform golden color, and covered with large, well-formed kernels well set on red cob.

The plant is a strong grower and like its ancestor withstands drought extra well. Season from 100 to 120 days. Our own crop this past season was in shock in 117 days from date of planting, and we feel that for size and season this variety is a safer corn to plant than most of the large late sorts.

## Uniform prices for all sorts listed above:

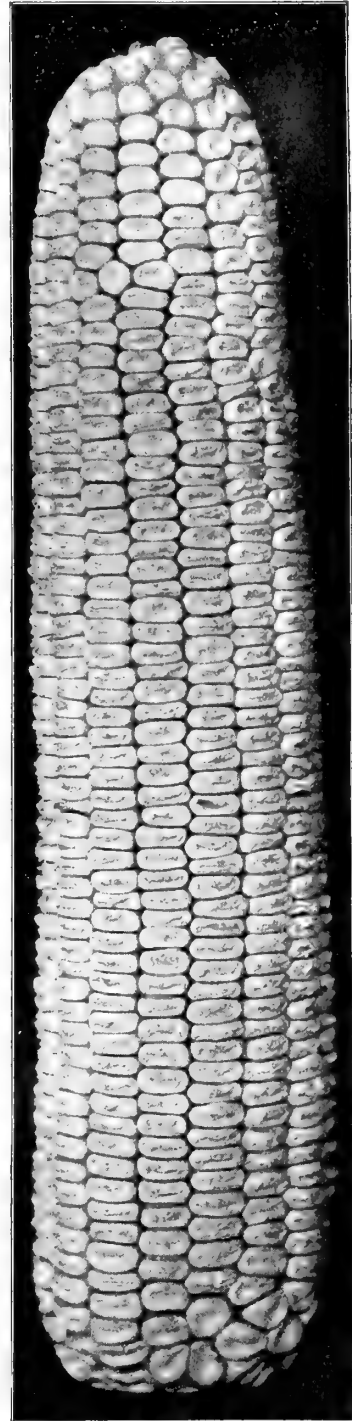
Sample ear, 30c; large pkt., 10c; qt., 40c, post-paid. By express or freight, purchaser paying transportation charges, ½ pk., 50c; pk., 70c; ¼ bu., \$1.25; bu., \$2.25; 5 bu., \$10.50. 6 select ears, 50c; bu. (68 lbs.), of ears, \$2.75.

## Unsolicited Expressions of Satisfied Customers

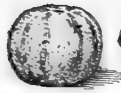
Theo. N. End, Metuchen, N. J., writes: "Seeds arrived O. K. some days ago. Please accept thanks for the prompt and careful attention you paid to the order, and permit me to add that seeds are perfectly satisfactory."

Joseph E. Bricker, of Blairsville, Indiana Co., Pa., writes as follows: "Enclosed find order for 5 bushel True Yellow Leaming Corn. What I bought last year done most splendid. I had the best corn I ever raised, and I think my success was attained by having True Blue Seed Corn, which was the best I have ever seen, especially the Golden Surprise Corn of which I have most splendid seed, but am short in Leaming Corn."

George Falkenberg, South Haven, Mich., writes: "Thank you for your prompt delivering. Seeds you sent were fresh and nice, done up fine."



Mammoth White Dent.



## Fodder and Ensilage Corn Varieties

### Red-Cob Ensilage Corn

A Southern type of large white corn, with strong, leafy stalks and short joints. Farmers growing the Red-Cob Ensilage for the first time tell us they hardly know what to do with the enormous yield of fodder. **Pk., 40c.; bu., \$1.40; 2 bu., \$2.60; 5 bu., \$6.25; 10 bu., \$11.50.**

### Sweet Corn for Green Fodder

There is nothing better or more greedily eaten by stock of all kinds. Can be planted the same as other corn, or sown thickly in drills or broadcast. **Pk., 75c.; bu., \$2.75.**

### True Yellow Leaming Corn

Highly recommended by the best ensilage authorities for Northern states, as True Yellow Leaming produces large quantities of leaves. **Bu., \$2.25; 5 bu., \$10.50.**

### Mammoth White Dent Corn

Yields immense crops of stalks which make fine feed for stock of all kinds, either as ensilage or fodder corn. **Bu., \$2.25; 5 bu., \$10.75.**

## Popping Corn

### Selected White Rice

Our stock of this variety is choice, having been selected very carefully for many years. **This variety is the best for popping; grains pointed; pops full and white; ears large sized, very handsome; productive; excellent quality; very crisp and delicious.** By mail, postpaid—**Nice Sample Ear, 10c.; pkt., 5c.; 1 lb., 10c.; lb., 30c.; 3 lbs., 75c.** By express, not prepaid—**10 lbs., \$1.50; 25 lbs., \$3.00.**

## Miscellaneous Farm Seeds

Our grades of Farm Seeds are away above the average in quality, and this makes a big difference in the value—the low, trashy grades being costly at any price—and yet our prices will be found very little, if any, above those quoted by others. The man in charge of this department, having been with us more than twenty years, is thoroughly posted and will take pleasure in giving customers any information desired. The prices quoted below are **Net Cash, free on cars, this city, purchaser paying all transportation charges, except when quoted postpaid.** At the prices given here we make no charges for bags or cartage. The prices quoted are **subject to market fluctuations.** Should any article seem high, or when customers are in need of large quantities, we will be pleased to submit samples and quote, on application, the lowest prices that the market will justify at the time. **Please state quantities when writing for prices.**

Prices on Farm Seeds are subject to important market changes. **Ask us for Samples and Prices before placing your order.**

## Artichoke Roots

The Jerusalem Artichoke can be grown only from the tubers. It is especially valuable as a cheap and healthful hog food, and the hogs do the harvesting. **Tubers—4 ozs., 10c.; lb., 30c.; 3 lbs., 75c., postpaid. By express or freight: Pk., 60c.; 1 bu., \$1.00; bu. (50 lbs.), \$1.75; bbl. of 3 bus., \$4.50.** 3 to 5 bushels of tubers for an acre.

## Soy Beans

The Soy Beans have attracted much attention in recent years on account of their great value as a feed, being much richer in protein than flaxseed, oilmeal, bran or oats, and can be used to balance a feed ration to good advantage; are worth for feed about \$1.50 a bushel when bran is worth \$20.00 to \$22.00 per ton; are used extensively in silage with corn, cane, etc. By its use the dairyman can make a combination that is wholesome, economical and a completely balanced food for milch cows. They also equal or surpass clover as a soil enricher, gathering nitrogen from the air; are used by fruit men as a cover crop with good results. May be used for silage, cover crop or feed in matured state. **Price by express or freight, Late Yellow, pk., 85c.; bu., \$2.75.**

## Medium Early Green or Guelph Soy Bean

One of the oldest and best known sorts, which has become quite a favorite north of the Ohio river both for seed and forage crop. Grows 24 to 38 inches high; stems medium stout, 1/4 to 3/8 inch in diameter. The leaves are very dark green, large and full in center, while the edges are freely curled. Pods of medium size, 1 to 1 1/2 inches long. Color of seeds, bright green. The branches are usually far enough above the ground to permit easy harvesting. **Postpaid, 1/2 lb., 20c.; lb., 35c. By exp. or freight: Pk., 90c.; bu., \$3.25.**

**Ohio Grown Stock—**To be sown north of the Ohio river. **Price same as Early Green.**

Soy Bean.

## Buckwheat

(50 lbs. to bushel) Should be sown about the middle of June, using from 1 to 3 pecks of seed per acre.

**New Japanese—**This new sort has proven to be much earlier and more productive than any other variety. Grains very large and of rich brown color. It excels all in yield and earliness. **Lb., 25c.; 3 lbs., 60c., postpaid. By express, not prepaid: Pk., 50c.; bu., \$1.60.**

**Silver Hull—**A very good and popular variety. The grain is of light gray color, rounder than the common variety; has a much thinner hull. **Lb., 25c.; 3 lbs., 60c., postpaid. By express, not prepaid, pk., 60c.; bu., \$1.75.**

## Cow, or Southern Peas

(60 lbs. to bushel) There is no surer or cheaper means of improving and increasing the productiveness of soils than by sowing Cow Peas. They put plenty of nitrogenous vegetable matter into the soil at a small cost. It has the power to extract the costly nitrogen from the atmosphere and store the same in the vines and roots, so that if the crop is cut off the land is still enriched and condition improved.

For hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the entire crop under as a soil improver, it is better to do so after the vines are partly dead. A good picking of the dried peas can be made before plowing under. Cow Peas can be sowed in May or June, after the ground is warm, or about the close of the corn planting, at the rate of one-half to one bushel per acre.

**Black—**Is quick to mature. Well adapted for Northern sections. A vigorous grower and a great yielder. **Pk., \$1.00; bu., \$3.25.**

## Whip-Poor-Will

(See illustration)—An early bunch-growing variety; a great favorite in the North and West; is quite prolific. **Pk., \$1.00; bu., \$3.00.**

**Black-Eye—**A prolific vine-growing variety of merit; seed often sold for table use. **Pk., \$1.25; bu., \$4.00.**

**Market Price on Cow Peas changes often. Write for prices on larger quantities when ready to buy.**



Whip-Poor-Will Cow Peas.

**T. F. Colgrove, Lake Kerr, Fla., writes:** "In the recent past I have been ordering and planting a few of your excellent seeds and I take pleasure in saying that in my limited experience of more than 40 years I have never planted seeds in every respect so thoroughly satisfactory."

# Catalog of "True Blue" Seeds

## Miscellaneous Farm Seeds—Cont'd.

All Prices Subject to Market Changes

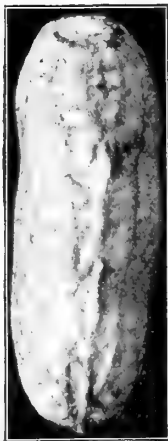
### Peanuts

(22 lbs. to bushel)

#### Improved Large Virginia

A very profitable variety to grow, and is easily cultivated; very erect; the largest pods and kernels with fewer imperfect pods than any variety. (See illustration.) The vines make valuable forage for stock. **By mail, postpaid: Large pkt., 10c.; ½ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. By express: 4 lbs., 75c.; 10 lbs. or over, 15c. per lb.**

**Sweet Spanish Peanut**—The earliest variety grown. Pods are small, remarkably solid, well filled, and of an extra fine quality. Yield per acre very large. **Postpaid: Large pkt., 10c.; ½ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. By express: 4 lbs., 75c.; 10 lbs. or over, 15c. per lb.**



## Dwarf Essex Rape

(50 lbs. to bushel.) It is extensively grown for forage. Farmers who desire to get young cattle, sheep, lambs or young hogs into favorable condition can do it most cheaply by growing this Rape. Prepare ground as for turnips, and sow as soon as the frost is out. It is ready in about six weeks. Also sow in June or July broadcast at the rate of 3 or 4 lbs. to the acre. When eaten down before it has made its full growth it will come up again with more or less vigor. Used as pasture, not for hay. Our stock is the **True Dwarf Essex**, and not the worthless annual. **Postpaid, oz., 5c.; ½ lb., 15c.; lb., 30c. By express or freight: 10 lbs., 80c.; 50 lbs., \$3.75; 100 lbs., \$7.00.**

## Planters Everywhere Report Good Results with "True Blue" Seeds

**G. H. Rupp, Cumberland Co., Pa., writes:** "The Potato seed I bought of you last spring produced some very good yielders. One stalk had 50 potatoes; another 44."

**Effie Steele, of Ottawa Co., Kans., writes:** "We had better success from Livingston's True Blue Seeds last year than any others we planted."

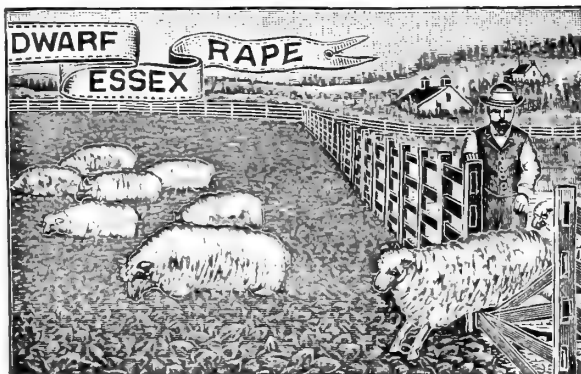
**E. C. Cureton, Jr., Coweta Co., Kans., writes:** "We have been using your seed for several years and they are the best and every one will surely come up."

**Dr. H. W. Jones, Westchester Co., N. Y., writes:** "Enclosed find my order. I had splendid luck with all seeds bought of you last spring. All seeds from your house germinated and produced products true to name. Thank you very much."

## Canada Field Peas

(60 lbs. to bushel)

Every year there is more inquiry for Field Peas. They stand in the front rank as a fodder, especially for hogs. They can be fed green or dry. They will grow on land that will not produce clover. Sow 1½ to 2 bushels to the acre, or, if with oats, sow 1 bushel of each. Sow the peas first and plow under, 4 to 5 inches; then oats on top and harrow in. **Pk., 75c.; bu., \$2.75. For larger quantities, write us for Prices, stating the quantity you can probably use.**



## Various Types of Sorghum The Great Dry Land Forage Plants

### Sorghum, or Sugar Cane

(50 lbs. to bushel)

**For Fodder**—Sow 1st to 15th of June, 100 lbs. seed per acre, and harrow to cover 1 to 2 inches. Harvest after first frost. Cut with self-binder or mower, and after three days of sun put up in large cocks and feed from field, or store in long 8-foot-wide ricks near feed lot. Yield 8 to 10 tons per acre. Cows and all stock do as well when fed on it as on grass. They will eat it up "slick and clean." One man says: "Not ten pounds waste in three months feeding of 400 head." Our sales grew from a few hundred pounds to many tons as soon as we found out and recommended this way of growing it. **For Syrup**, plant in hills and cultivate same as corn.

**Early Amber Cane**—The earliest and makes the finest quality of forage or syrup. **Best Seed, postpaid: Oz., 5c.; lb., 30c.; 3 lbs., 75c. By express or freight: 10 lbs., 60c.; 50 lbs., \$2.25; 100 lbs., \$4.00.**

**Early Orange Cane**—A strong grower; stalks heavier and a little later than Amber. **Best Seed, postpaid: Oz., 5c.; lb., 30c.; 3 lbs., 75c. By express or freight: 10 lbs., 60c.; 50 lbs., \$2.25; 100 lbs., \$4.00.**

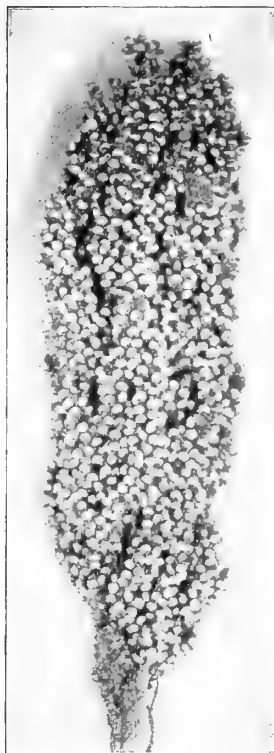
Write for Prices on larger quantities, stating amount you can use. Will send samples gladly if you so desire.

### Kaffir Corn

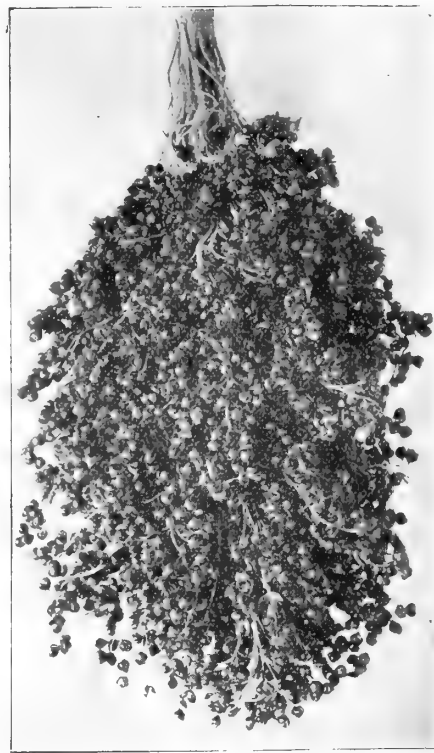
**A Great Fodder Crop. The Finest Grain for Poultry and Pigeons**

(50 lbs. to bushel) Greatest grain producer of the Cane family; eaten by all domestic animals, whether fed in the grain or ground and cooked. For grain, sow at rate of 5 to 7 lbs. per acre and cultivate same as corn. Average yield 50 bushels per acre. For hay, sow in drills or broadcast at rate of 50 to 75 lbs. per acre, and cut when seed is coming to the dough stage. Makes valuable hay, yielding from 5 to 10 tons per acre. **Postpaid: Oz., 5c.; ½ lb., 10c.; lb., 25c.; 3 lbs., 50c. By express or freight:**

10 lbs., 50c.; 25 lbs., 85c.; 50 lbs., \$1.35; 100 lbs., \$2.50.



White Kaffir Corn.



Head of Sorghum.



# Grown and Sold by *The Livingston Seed Co.* Columbus Ohio



## Broom Corn

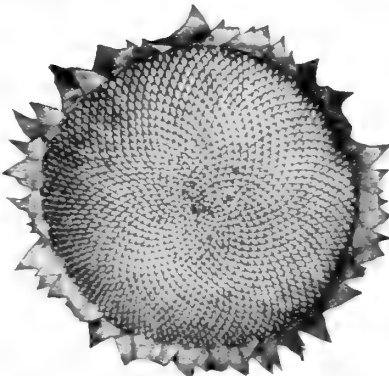
(40 lbs. to bushel)

**Improved Evergreen**—The best variety for general cultivation on account of the color and quality of brush. Ripens early; grows about 8 to 10 feet high; brush of good length, fine and straight, and always of green appearance when ripe. Our stock is select, having been saved by professional growers for their own planting. **Lb., 25c.; 3 lbs., 60c., postpaid. By express: 10 lbs., 80c.; 25 lbs., \$1.50; 100 lbs., \$5.50.**

## Sunflower

**Mammoth Russian**—Immense yielder—125 bushels of seed to the acre has been grown at less expense than corn. Very highly recommended for poultry. Best egg-producing food known. Good feed for horses as well. (See illustration.)

**Choice Stock**—By mail, postpaid, oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 25c. By express or freight: 10 lbs., \$1.00; 25 lbs., \$3.25; 100 lbs., \$7.50.



Mammoth Russian Sunflower.

## Tree and Hedge Plant Seeds

**Osage Orange**—The best of all hedge plants. Postpaid: Oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 60c. By express: 10 lbs., \$4.00; 25 lbs., \$8.75; 50 lbs., \$15.00.

### Catalpa (Speciosa)

A rapid grower and makes the best timber trees. Postpaid: Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.

### Russian Mulberry

Easy grown; hardy; fine for hedges; makes fence posts in five years; fruit good. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 85c.; lb., \$3.00, postpaid.

### Black Locust

A very rapid grower, as fence posts last a lifetime. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 50c.; postpaid. By express: 10 lbs., \$4.00; 25 lbs., \$8.75; 50 lbs., \$15.00.

## Sand or Hairy Vetch

(*Vicia Villosa*)

### One of the Newer Leguminous Plants of Value

Since its introduction into this country this plant has made a splendid reputation for itself, especially as a crop to turn under. It succeeds on almost all soils, even poor sand soils produce quite good crops, though it is much more vigorous on good land. It is very hardy and remains green all winter; it should be sown during August and September, and we advise that it be sown with rye—the rye helps to hold it up. It is the earliest crop ready to cut for hay in the spring, being almost a month earlier than scarlet clover, and a full crop can be turned under in time for corn and a number of other spring crops. It is much harder than scarlet clover and is giving excellent returns in the northern and northwestern states where the winters are very severe and where many forage plants winter kill. It is equally valuable in the South for a hay crop. Where many of the better grasses fail it will prove its worth in the South and dry Western region as it will grow through the fall and winter and make a luxuriant growth in the spring and come to the harvest before the droughts set in. Every gardener, dairyman and farmer should use this wonderful soiling plant.

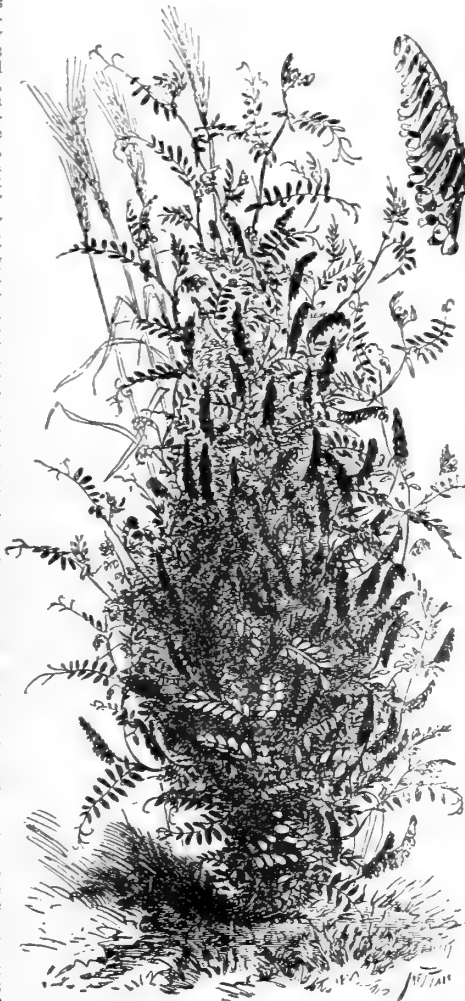
We sow on our lands 30 to 50 lbs. per acre with  $\frac{1}{2}$  to  $\frac{3}{4}$  bu. of rye. Where conditions of soil, time of sowing, and rainfall have been favorable, it will make from 10 to 15 tons of green top to turn under by the 1st to the 15th of May, or in plenty of time for a crop of Corn or other late planted crops.

The root system is quite heavy and like all leguminous plants bear to a greater or less extent nitrogen gauls or nodules according to season, land and inoculation. Where the crop is heavy it will be found advantageous and often necessary to use a sharp rolling cutter on the plow in order that all the top be turned under.

If the crop is to be used for hay it will be well to sow 45 to 60 lbs. of Vetch, and with it  $\frac{1}{2}$  bu. Rye per acre, the nurse crop in this case helps to hold the Vetch upright and off the ground, making it much less trouble to harvest.

If you want any considerable quantity, write for special quotations.

**Price**—Postpaid: Oz., 5c.; 4 oz., 15c.; lb., 30c. By express or freight, not paid: 10 lbs., \$1.50; 25 lbs., \$3.25; 50 lbs., \$6.00; 100 lbs., \$11.00.



"This plant was introduced originally from Russia, where it seems to be a native, and has been used as a hay and fertilizer crop for a great many years. Since its introduction a few years ago it has steadily grown in favor wherever tried; as a cover crop, especially for winter covering."

"The plant belongs to the pea family, is very hardy and can be grown throughout the United States. Creeping in habit of growth when young, especially the tendrils hug the ground very closely, and are tiny and spindling at first, but later grow very rapidly, and will throw up eight to a dozen or even more runners from each plant, that often reach a length of six to fifteen feet, where plants have been well grown. Each runner produces numerous side shoots or tendrils that run from two to five feet in length, these are so twisted and entwined that it is next to impossible to take a single complete plant from the mass."

"As its name implies, the Sand Vetch seems to be especially adapted to light sandy and poor soils too poor to produce good crops of Cow Peas, Soy Beans or Crimson Clover, but of course will respond much more liberally on stronger and better lands."

"The seed bed for Vetches should be made fine and then well firmed before sowing. This is not usually very difficult as they nearly always follow a hoed crop of some sort. As a cover crop, we have used them on our Kirkersville farm after potatoes, corn, tomatoes, or any other cultivated lands that we wished to cover for the winter, to be followed by a hoed crop the following year."

Extracts from our special circular on *Vicia villosa*, copies of which will be mailed free to those who are interested enough to ask for one.

## Spring Vetches

A good forage plant; also used for plowing under. Sow 50 to 75 lbs. to the acre broadcast, like wheat or barley.

Postpaid: Oz., 5c.; 4 oz., 15c.; lb., 25c. By express or freight: 10 lbs., \$1.10; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.



# Catalog of "True Blue" Seeds

Patatas **Livingston's Superior Seed Potatoes** Kartoffeln

The necessity for changing seed often is universally admitted by all well-posted growers, especially when the best seed can be had at so little additional outlay, but owing to the short crop of seed potatoes and the unsettled condition of the market, all prices are made subject to market change and confirmation of order on receipt of same.

## Culture

Any good soil will produce Potatoes, but a sandy loam is best. Make furrows of good depth, 3 feet apart; drop the cut-seed pieces about 8 or 10 inches apart. If grown in hills, one or two pieces of potatoes, containing one or more eyes in each piece, are placed in each hill, which are made 3 feet apart each way. Cover the seed four inches, but not so deep in wet, cold land. When the sprouts appear, cultivate and hoe to keep the soil free and clear of weeds. As the vines increase, draw earth around them, forming a slight ridge. Just as soon as the bugs appear use Paris green. **One peck will plant about 100 feet of row, or 100 hills. Ten bushels are required to plant an acre.**

By planting **Our Northern Grown Seed** you are assured of **Early Maturity, Increased Yield and a Vigorous Growth.** To produce healthy stock we use first-class potato land, nothing but pure, well-matured, good-sized seed. The seed potatoes are very carefully handled when digging and barreling, that they may not be bruised or otherwise injured. Our seed potato stocks should not be compared with potatoes picked up on the market, named at a guess, and sold for seed.

**Order Seed Potatoes Early.** We would most earnestly request our customers to send in their orders early. We then book and fill them in the order received. By so doing you take very little risk in getting what you want, as compared with waiting until the last moment.



Our great specialty.

**Extra Early Ohio Potato.**  
(See description below.)

### Special Instructions

Owing to the short crop of seed potatoes and the unsettled condition of the market, all prices are made subject to market change and confirmation of order on receipt of same, and will fill orders just as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in the weather by which the potatoes might be damaged while en route. We will ship at any date our customers may designate, when requested to do so, regardless of the weather, **if customers wish to take their own risk.** When ordering late, please state whether we shall return the money or send some other kind of equal value, provided we cannot supply the sort ordered. **Please give plain and explicit shipping directions.**

**Seed Potatoes by Express or Freight** at Barrel, Bushel, Peck or Half-peck Prices, buyer pays the freight or express charges. **Our Barrels contain 2 1/2 bushels, good measure.**

### Seed Potatoes by Mail

Prices for small quantities of any of our Seed Potatoes, unless otherwise quoted: **Lb., 25c.; 3 lbs., 60c., postpaid.**

### Seed Potato Eyes

For those at very great distances, or where for any special reasons the express or freight charges would be exorbitant, these Seed Potato Eyes afford an inexpensive way to obtain and test any of the varieties we offer. **3 dozen Eyes, any kind, 25c., postpaid.**

All transportation charges must be paid by the buyer, except when offered postpaid, by mail. **No Potatoes sent C. O. D.**

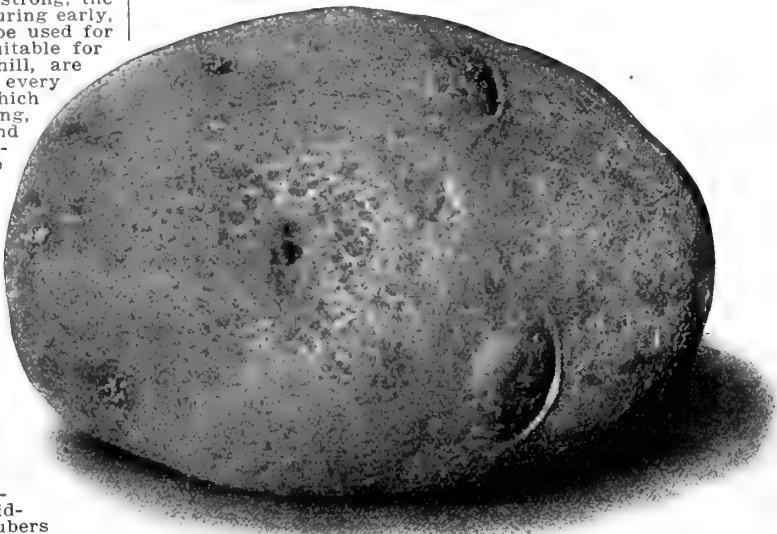
## Extra Early Ohio Potato

**Our Specialty. A Grand Potato**

Some early varieties will yield edible Potatoes about as soon as the Extra-Early Ohio, but their tops will be green for days after the Extra-Early Ohio have fully ripened. The Extra-Early Ohio is fully two weeks ahead of the Early Rose, and is a general favorite with potato growers and marketmen alike and is the most profitable Potato they can possibly grow. The sprouts are very strong, the vines grow erect and are easy to cultivate. Maturing early, it brings the highest prices, and the land can be used for another crop after it, does well on any soil suitable for Potatoes. The tubers grow compact in the hill, are easily dug, with very few small ones—nearly every Potato is of marketable size; has few eyes, which are even with the surface. With heavy manuring, **close planting** and good culture, a very large and profitable crop can be expected—300 to 500 bushels per acre is not an unusual yield. **We are confident that many growers do not really know a true Extra-Early Ohio, and have been growing some other sort for it.** We know ours is right, because the stock is the product of original headquarters seed. **Prices, Choice Northern Grown Seed: 1/2 pk., 40c.; pk., 60c.; 1/2 bu., \$1.10; bu., \$2.00; bbl., \$5.30.** Special prices will be quoted on larger quantities.

## Hybridized Potato Seed

We offer a choice strain of Potato Seed which is the product of numerous hybridizations between many of the best new and old varieties in cultivation. **A dollar invested in this choice seed may make hundreds of dollars in two or three years.** The grower is almost always sure of several rare and valuable seedlings that any specialist will be keen to purchase at a good price. **Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.**



**New White Victor.**

## New White Victor

A first-class main crop variety of great productiveness which will out-yield under exactly the same conditions a number of the old standard sorts. Tubers are creamy white, well netted or russeted, of oblong shape. They have few and shallow eyes and are most excellent keepers. Plants make a strong and vigorous bush and produce a crop in compact bunches around the base of the stalks in mid-season. They seldom show flowers. The tubers are of best cooking qualities. They are excellent when freshly dug and improve as the season advances. **Price, Choice Northern Grown Seed: 1/2 pk., 40c.; pk., 60c.; 1/2 bu., \$1.10.**



## The Reliable Potato Extra Early Cobbler (Irish Cobbler)

One of the most reliable first-early Potatoes ever sent out. It ripens almost with the Early Ohio and is so uniform that every hill seems to ripen at one time. The yield is very large for an early variety—equal to some of the late ones. Form oval and round; skin lightly netted, creamy white and having few eyes, which are quite shallow—some even with the surface. Flesh pure white and of the finest quality—not exceeded by any early variety. Keeps perfect until spring, when it starts large, strong and vigorous sprouts. Its strong growth, earliness, uniformity, large yield, fine quality and very handsome appearance have brought the Extra-Early Cobbler right to the front as a profitable variety for market or home use. **Prices, Choice Sorted Northern Grown Stock:**  $\frac{1}{2}$  pk., 50c.; pk., 70c.;  $\frac{1}{2}$  bu., \$1.20; bu., \$2.25; bbl., \$6.00.

## The Seneca Beauty Potato

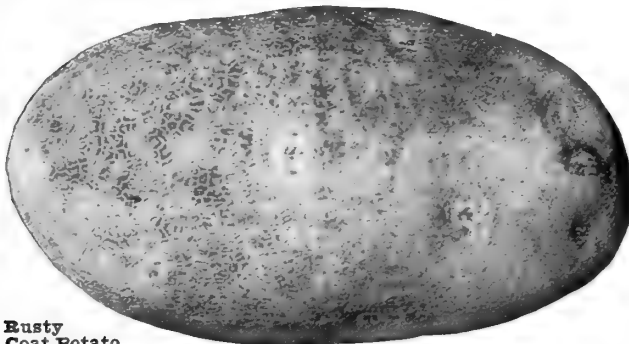
Introduced by us in 1889

**Very Smooth, Uniform Size, Almost Blight Proof, Productive, Splendid Quality, Fine Keeper**

A grand good medium late Potato, and too much has not been said in its praise. Its beautiful and distinct appearance sells it in any market, and its fine table qualities please all. The tubers are large and smooth, with few eyes close to the surface, and of a beautiful pink color. Uniform in size and shape, scarcely any small ones. Vines rank and healthy, and loaded with beautiful blossoms. Good keeper and a heavy cropper. **Prices, Choice Sorted Northern Grown Stock:**  $\frac{1}{2}$  pk., 30c.; pk., 50c.;  $\frac{1}{2}$  bu., 90c.; bu., \$1.75; bbl., \$4.60.

## Livingston's Rusty Coat Potato

Uniformly long and slightly flattened; is entirely free from prongs, and the eyes are even with the surface. Beautiful buff skin, heavy netting, like a russet apple; flattened shape; of very highest quality, especially as a potato to bake. Its flesh is of finest texture and very free from hard or black spots. Cooks white as flour, bursting open at any season of the year, and is of the finest flavor. It is an abundant yielder. They sell on sight in the market. This splendid Potato always brings the very highest market prices, and commission men tell us they cannot get enough of them. The seed we offer is strictly pure, hand sorted. **Price, Choice Stock Seed, Northern Grown:**  $\frac{1}{2}$  pk., 30c.; pk., 50c.;  $\frac{1}{2}$  bu., 90c.; bu., \$1.75; bbl., \$4.60.



Rusty Coat Potato.

## Seed Sweet Potatoes, New Jersey Grown

Carefully dug, handled and stored over winter for us, expressly for sprouting purposes. The seed stocks are selected from the most perfect and prolific hills at the time of digging. We have been bedding and selling this stock for more than thirty years, and find the potatoes much dryer and sweeter than those grown from Ohio or Western grown seed. We repack before shipping, but we wish it distinctly understood that customers take all risks after we deliver in good condition to express or railroad company here. We book orders at any time, but do not ship until about planting time. Our barrels contain 3 bushels, good measure. No Sweet Potatoes shipped C. O. D. Prices quoted are subject to market changes after March 1. Good stock is very scarce this season. Order early.

### Up Rivers

Select strain of smooth, short, "chunky" Yellow Jersey Sweet Potatoes, which yield a larger per cent. of marketable stock and sell higher than most other varieties we know. Dry and sweet. A splendid Sweet Potato. This is our specialty in Seed Sweets; we recommend it as very fine. **Pk., 50c.;  $\frac{1}{2}$  bu., 80c.; bu., \$1.50; bbl. (3 bus.), \$4.00, by freight or express, not prepaid.**



EXTRA EARLY COBBLER

## The "Livingston" Potato

Introduced by us in 1896

**Good Yielder, Cooker and Keeper**

In fact, it is "a White Seneca Beauty," and the Seneca Beauty is admitted by all who have ever grown it to be one of the most beautiful of the many rose-colored varieties; and those familiar with it will at once realize what a beauty it would be in a white jacket, and especially if it retained its delicate Peachblow eyes. This is exactly what we have in "The Livingston." It is a very strong grower and most productive and not subject to blight. Tubers of beautiful form, medium to large size, oblong, and of uniform thickness; slightly flattened; skin white and slightly russeted—all of which denotes the very highest quality. Cooks dry and has splendid flavor. Bulletin No. 133, Ohio Experiment Station, gives "The Livingston" Potato as one of the heaviest yielders, and recommends it to be of special merit for either the market or for home use, on a basis of five years' test. **Prices, Choice Sorted Northern Grown Stock:**  $\frac{1}{2}$  pk., 40c.; pk., 60c.;  $\frac{1}{2}$  bu., \$1.10; bu., \$2.00; bbl., \$5.30.

## Livingston's Banner Potato

Introduced by us in 1896

**The Best Main Crop Variety**

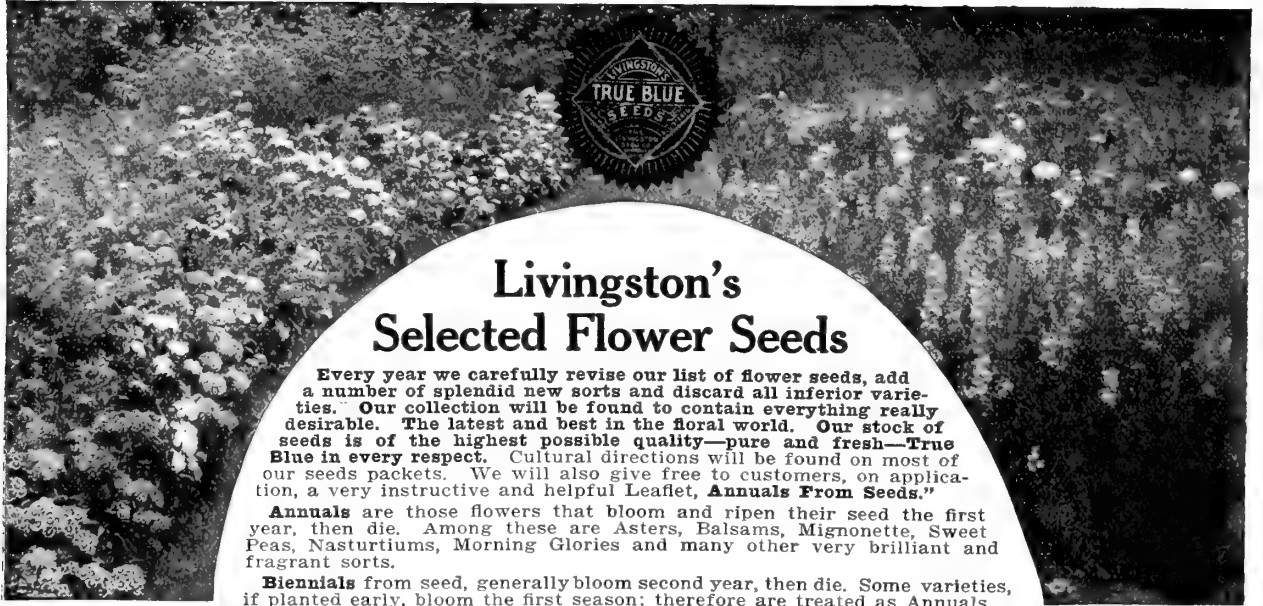
The Banner is a seedling and is one of the finest main crop white Potato on the market. No potato ever made so good a record in so short a time with all classes of growers and on all kinds of soils. None surpass it in uniform, handsome appearance. Its slightly rusty skin is of a light cream-white color. Its shape is a little oblong and slightly flattened (cooking through easily). The eyes are very shallow. The size is large and desirable, very few being under marketable size. Always smooth and regular in form; grows strong and vigorous from the very sprout. Is also a great drought resister. As near blight and scab proof as any variety we have ever known. The flesh is very white, and whether boiled or baked is of the same delicious tasty quality. Medium late. **Choice Sorted Northern Grown Stock:**  $\frac{1}{2}$  pk., 30c.; pk., 50c.;  $\frac{1}{2}$  bu., 90c.; bu., \$1.75; bbl., \$4.60. Write for special prices on larger quantities.

### Yellow Jersey, or Nansemond

Fine old favorite. **Pk., 50c.;  $\frac{1}{2}$  bu., 80c.; bu., \$1.50; bbl., \$4.00, by express or freight, not prepaid.**

We make special prices for larger quantities. If you bed out several barrels, it may pay you to write us before you buy your seed.

# Catalog of True Blue Seeds



## Livingston's Selected Flower Seeds

Every year we carefully revise our list of flower seeds, add a number of splendid new sorts and discard all inferior varieties. Our collection will be found to contain everything really desirable. The latest and best in the floral world. Our stock of seeds is of the highest possible quality—pure and fresh—True Blue in every respect. Cultural directions will be found on most of our seeds packets. We will also give free to customers, on application, a very instructive and helpful Leaflet, **Annuaire From Seeds.**

**Annuals** are those flowers that bloom and ripen their seed the first year, then die. Among these are Asters, Balsams, Mignonette, Sweet Peas, Nasturtiums, Morning Glories and many other very brilliant and fragrant sorts.

**Biennials** from seed, generally bloom second year, then die. Some varieties, if planted early, bloom the first season; therefore are treated as Annuals.

**Perennials** are those that endure our Northern winters with little or no protection and live and bloom several years in succession. A large majority of the Perennials will bloom the first year if started early in the spring. Hollyhocks, Columbine, Larkspurs, Foxglove, Poppies, etc., are in this popular class.

**Discounts on Packet Flower Seeds** For 25 Cents select 6 Five-cent, or 3 Ten-cent pkts. For 50 Cents select Packets to the amount of \$2.75. For \$1.00 select Packets to the amount of \$7.50. For \$2.00 select Packets to the amount of \$23.75. For \$5.00 select Packets to the amount of \$75.00.

☞ Collections of seeds in Amounts cannot be included when taking advantage of these discounts.

## Flowers From Seeds

Everyone admires the comfortable and cheerful appearance of the homes of the thrifty who have improved their grounds. There is no surer or quicker way to beautify and refine your surroundings than by planting flower seeds. Flower gardening is a delightful and healthful outdoor recreation, fascinatingly interesting from the planning of the garden to the joyous satisfaction of seeing the blooms unfold their gorgeous beauty, spreading fragrance and refinement to all. We urge the extensive use of flower seeds. Many of our most beautiful flower gardens are raised from seeds. Their culture is very simple. The results quick and beautiful and the cost low. In Europe vast quantities of flower seeds are used in garden decoration, charming the eye with an endless variety of delightful effects.

To assist in popularizing these ideals we have compiled tables of flower seeds for different purposes and print them below. They will aid you in planning your garden.

### Showy Flowering Annuals for Beds and Massing

	See page		See page
Ageratum .....	86	Gaillardia .....	95
Alyssum .....	86	Lobelia (Compacta) .....	98
Antirrhinum .....	86	Marigolds .....	98
Asters .....	83-85	Nasturtium (Tom Thumb) .....	102
Balsams .....	87	Pansy .....	103-104
Calendula .....	89	Petunias .....	105
Calliopsis .....	87	Phlox Drummondii .....	104-105
Candytuft .....	88-89	Poppies .....	106-107
Carnation .....	89	Portulaca .....	107
Celosia .....	89	Salvia Splendens .....	108
Chrysanthemum .....	90	Stocks .....	109
Convolvulus Minor .....	99	Verbena .....	114
Cosmos (Dwarf) .....	91	Vinca .....	114
Dahlias (Tom Thumb) .....	92	Zinnias .....	115
Dianthus (An'als) .....	93		
Eschscholtzia .....	94		

### Large Showy Annuals for Backgrounds and Borders

Amaranthus .....	86	Larkspur (Br'ch'g) .....	97
Arctotis, Blue .....	87	Marigolds .....	98
Celosia Plumosa .....	89	Nicotiana .....	102
Centaurea .....	90	Poppies (tall sorts) .....	106
Cosmos .....	91	Ricinus .....	108
Datura .....	92	Salvia .....	108
Euphorbia .....	94	Sunflower .....	109
Hibiscus .....	96	Zinnias .....	115

### Colored Foliage Plants for Ribbon Beds

Centaurea, White .....	90	Coleus .....	91
Cineraria, Maritima .....	90	Pyrethrum Aureum .....	107

### Hardy Perennial Climbers for Permanent Situations

Adlumia .....	86	Kenilworth Ivy .....	97
Ampelopsis Veitchii .....	86	Clematis .....	90
Aristolochia Siphoc .....	87	Lathyrus Latifolius .....	113

### Climbing Annuals for Arbors, Verandas, Trellises, etc.

	See page		See page
Balloon Vine .....	87	Humulus (Hop) .....	96
Balsam Apple .....	87	Ipomoea .....	99
Canary Bird Vine .....	89	Maurandya .....	99
Cobaea .....	90	Morning Glories .....	99
Cypress Vine .....	91	Nasturtium .....	100
Convolvulus Major .....	99	Sweet Peas .....	110
Dolichos .....	94	Thunbergia .....	114
Gourds .....	95	Wild Cucumber .....	114

### Hardy Flowering Perennials for Permanent Beds and Borders

Anemone .....	86	Hollyhock .....	96
Aquilegia .....	87	Lavender .....	98
Campanula .....	88	Lychnis .....	98
Candytuft .....	88	Myosotis .....	100
Canterbury Bells .....	88	Pinks (hardy) .....	93
Carnation .....	89	Poppy .....	107
Chrysanthemum .....	90	Primrose (Japan) .....	107
Coreopsis (hardy) .....	88	Pyrethrum (hardy) .....	107
Delphinium .....	92	Scabiosa .....	109
Dianthus (hardy) .....	93	Stokesia .....	109
Digitalis .....	93	Sweet William .....	114
Gaillardia .....	95	Valeriana .....	114
Gypsophila .....	96	Violet .....	114
Hibiscus .....	96	Wallflower .....	114

### Plants Succeeding in Partial Shade

Antirrhinum .....	86	Matricaria, or Feverfew .....	94
Aquilegia .....	87	Mimulus .....	100
Asperula .....	87	Myosotis .....	100
Bellis (Daisies) .....	91	Pansy .....	103
Canterbury Bells .....	88	Poppies (hardy) .....	107
Coreopsis .....	88	Torenia .....	114
Delphinium .....	92	Violet .....	114
Digitalis .....	93		

### Plants for Vases, Hanging Baskets, Veranda Boxes, etc.

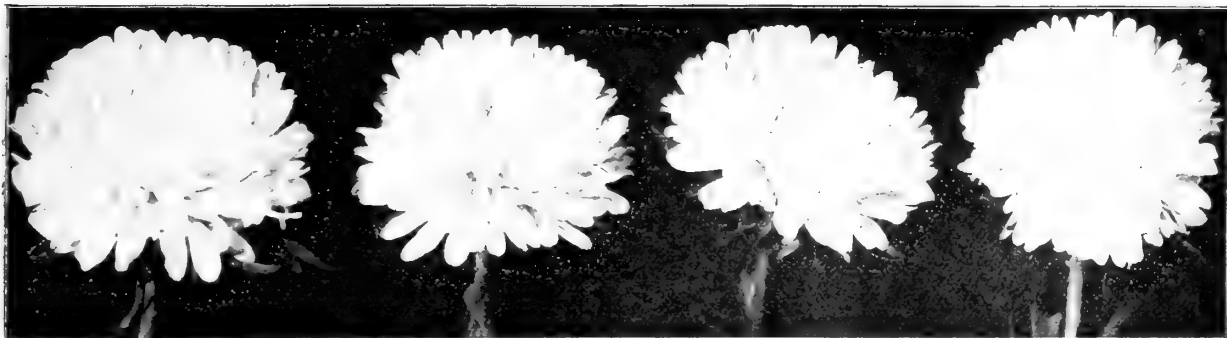
	See page		See page
<b>Drizzling Sorts</b>		<b>Upright Growing</b>	
Alyssum .....	86	Begonia Vernon .....	87
Asparagus .....	87	Centaurea .....	90
Candytuft .....	88	Cineraria .....	90
Lobelia Gracilis .....	98	Coleus .....	91
Maurandya .....	99	Fuchsia .....	95
Nasturtium .....	100	Geranium .....	95
Petunia .....	105	Heirotrope .....	96
Torenia .....	114	Impatiens .....	97
		Pansy .....	103

### Long-Stemmed Flowers for Cutting

Aquilegia .....	87	Larkspur .....	97
Asters .....	83	Marigolds .....	98
Calliopsis .....	87	Matricaria .....	94
Carnations .....	89	Mignonette .....	99
Centaurea Cyanus .....	90	Poppies .....	106
Centaurea Sweet .....	90	Salpiglossis .....	108
Chrysanthemums .....	90	Scabiosa .....	109
Coreopsis .....	88	Stocks .....	109
Cosmos .....	91	Stokesia .....	109
Dahlias .....	92	Sunflowers .....	109
Delphinium (hardy) .....	92	Sweet Peas .....	110
Gypsophila .....	96	Sweet Sultans .....	90
Gaillardia .....	95	Zinnias .....	115

### Plants Suitable for Edgings

Ageratum .....	86	Marigold, Legion of Honor, 9 in. .....	98
Alyssum .....	86	Phlox D. Compacta .....	104
Begonia Vernon .....	87	Pinks (hardy) .....	93
Bellis (Daisies) .....	91	Portulaca .....	107
Candytuft .....	88	Pyrethrum Aureum .....	107
Centaurea Candidissima .....	90	Verbena .....	114
Cosmos (Dwarf) .....	91	Zinnia, Dwarf .....	115
Globe Amaranth .....	86		
Lobelia Compacta .....	98		



## Livingston's Superb Asters

Of all the flowers in the garden, none will give greater returns for the time and money expended than the Aster, which is so well known that a description would be superfluous. Of all imaginable colors, except yellow, and of sizes varying from a small, compact button to an immensely big flower, hard to distinguish in size from the most magnificent Chrysanthemum. They make a splendid ornament in any garden, whether they be massed in beds or grown as single specimens. Sow the seed from the middle of March to the first of May, in shallow boxes in the house or in a spent hotbed. When the young plants are an inch high, transplant to a warm bed of finely pulverized soil, from whence they can be transplanted to where they are to bloom. Moist weather is the best for transplanting. Seed can be sown in the open ground as late as the last of May, but they will bloom quite late. Asters also make splendid pot plants, requiring fine, rich soil and plenty of water.

### 1381 Vick's Mikado Pink

**The Premier of Shell-Pink Asters**

In type Mikado Pink belongs to the Comet class. Petals are narrow, very long and gracefully reflexed. The outer petals show to their full extent, while gradually toward the center they bend and curl across each other in such magnificent disorder as to make the fluffiest Aster known.

It is a most exquisite shade of shell-pink imaginable. While Vick's Mikado Pink belongs strictly to the Comet class, the strongly growing, freely branching, long stemmed plants quite resemble the branching sorts. In growth these plants are unusually vigorous for their type, succeeding admirably in spite of severe droughts and poor soil. It is nothing unusual to find plants with a dozen long, strong, graceful stems, each crowned with flowers from  $\frac{1}{2}$  to 6 in. in diameter.

Vick's Mikado Pink comes into bloom between Queen of the Market and Branching Asters. It therefore enables commercial Aster growers to have good pink Asters throughout the entire season. **True seed, pkt., 15c.**

### 1383 Vick's Mikado White

A magnificent new Aster, same as Mikado Pink, except in color, which is a pure glistening white. **Pkt., 15c.**



**Specimen Flowers**  
Semple's Giant  
Branching Asters. **Pkt., 10c.;  $\frac{1}{2}$  oz., \$1.00.**

**1380 Violet King** (See No. 4 below)—The habit of growth of this newcomer is similar to the Branching Asters, growing vigorously about 2 $\frac{1}{2}$  feet high; has long, stiff stems. In form the flower is entirely new and distinct from any other variety; round, full and very large, many of the flowers measuring from 4 to 5 inches in diameter. (See illustration.) Petals somewhat resemble the quilled varieties, but are much longer and broader, those in the center being fantastically twisted, curled and incurled, completely covering the crown. Its color is a soft violet-lilac. We grew a larger quantity of these superb Asters the past summer for cut flower purposes, and when other varieties were such a glut as to be unsalable, the blooms of the Violet King Aster sold readily at 50c. to 75c. per dozen. There is nothing like it for florists. For your garden there could be no flower more elegant or of easier growth. **Pkt., 10c.;  $\frac{1}{2}$  oz., 50c.;  $\frac{1}{4}$  oz., 75c.**

### 1382 Lavender Gem (See No. 2 below)

When first opened, the flower is an exquisite shade of delicate lavender, deepening with age; always full, double and feathery. Plant erect, branching close to the ground. Flowers borne in profusion on long slender wiry stems. In season it comes between Queen of the Earlies and Daybreak. To florists the value of Lavender Gem can scarcely be overestimated. **Crop total failure.**

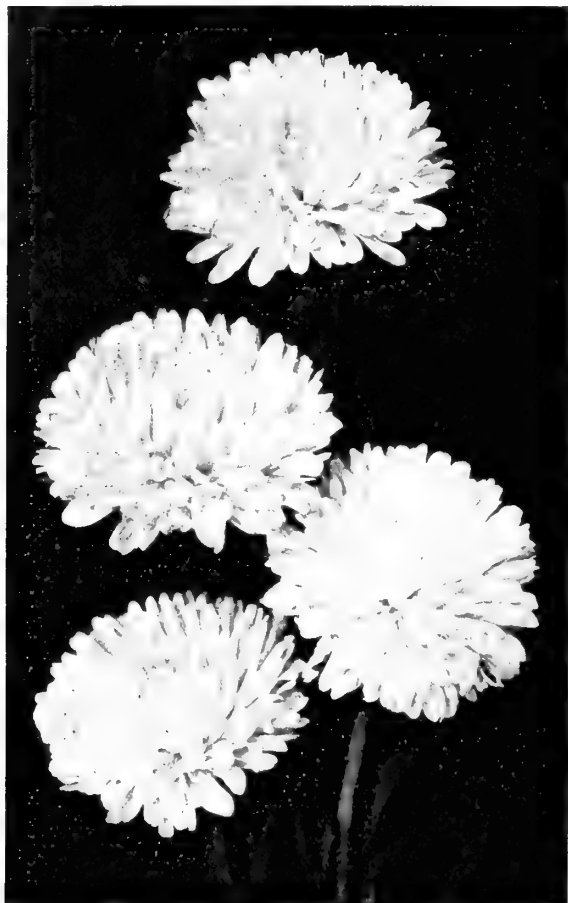
**1384 Daybreak** Flowers are very large and double, beautiful shell-pink color. A grand Aster for cutting purposes, growing 2 feet high. The best early market Aster of its color to date. **Pkt., 10c.;  $\frac{1}{2}$  oz., \$1.00.**

**1386 Purity** (See No. 3 below)—One of the most beautiful of the Branching Asters. Double flowers of a glistening pure white; similar to Daybreak in form and habit. **Pkt., 10c.;  $\frac{1}{2}$  oz., \$1.00.**





# Catalog of True Blue Seeds



Truffaut's Peony-Flowered Perfection Asters.

1400 Semple's Giant Finest Mixed Colors—All shades and colors. Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.;  $\frac{1}{4}$  oz., 35c.

1401 Semple's Giant Lavender .....	Pkt., 10c.
1402 Semple's Giant Royal Purple .....	Pkt., 10c.
1403 Semple's Giant Pure White .....	Pkt., 10c.
1404 Semple's Giant Crimson .....	Pkt., 10c.
1405 Semple's Giant Shell Pink .....	Pkt., 10c.

Collection of Semple's Giant Asters, 5 above sorts, 35c.

## 50c Livingston's Exhibition Aster Collection 50c

This magnificent collection contains the finest and most complete assortment of mammoth-flowering Asters it is possible to offer—the newest kinds, all colors, all varieties; early and late. The symmetrical globe-shaped and the fluffy Chrysanthemum sorts. They will produce a wealth of bloom, which for wonderful size, exquisite colors and variety of beautiful forms cannot be surpassed.

- 1 large packet Semple's Giant Branching. Finest mixed.
- 1 large packet Giant Ostrich Plume. Finest mixed.
- 1 large packet Giant Comet. Finest mixed.
- 1 large packet Truffaut's Peony Perfection. Finest mixed.
- 1 large packet Livingston's Superb Mixture of Giant Asters, described below.

Together with the following grand new Asters:

1 packet Vick's New Early Branching Asters (see description above), and 1 packet of New Violet King, the grandest purple Aster ever introduced. In the bag with each collection we will inclose our leaflet, "Aster Culture," telling how to grow big Asters successfully.

All for 50c., postpaid. At regular rates these seeds would cost 80c.

## 1490 Livingston's Superb Mixture of Giant Asters

Is absolutely unexcelled. A magnificent mixture, producing beautiful flowers, gigantic in size, gorgeous in colors, perfect in form.

This mixture includes the cream of all the Asters on this and the next two pages, together with many other sorts of the most beautiful forms and brilliant colors. Our special strain has been especially selected from the finest large sized double-flowering types. They will all grow about the same height. Livingston's Mixture of Aster Seeds will delight you; nothing better can be produced. Height about 2 feet. Pkt., 10c.; three packets for 25c.;  $\frac{1}{2}$  oz., 50c.

## Truffaut's Peony-Flowered Perfection Aster

(Illustrated alongside)

The improved strains of this grand Aster are considered the finest in cultivation. It is one of the most beautiful and extensively cultivated classes, and it deserves to be, as the large, perfectly double flowers are truly magnificent. The petals are beautifully incurved. Very profuse bloomers, producing rich and strikingly beautiful flowers. We can recommend them very strongly, as we know they will delight you. Height 2 feet.

1390 Peony Flowered, Mixed Colors—Fine assortment. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.;  $\frac{1}{4}$  oz., 45c.

Peony-Flowered Perfection Asters in the following separate colors: 1391 Snow White, 1392 Brilliant Rose, 1393 Rich Crimson, 1394 Sky Blue, 1395 Dark Blue, 1396 Brilliant Scarlet, at 10 cents per packet.

The Collection of 6 separate colors, one pkt. of each as named above, 50c.

## Vick's New Early Branching Aster

The habit of growth is identical with its parent, the late Branching Asters described below. Plants branch freely, are vigorous in growth. They produce flowers on long, stiff stems and luxurious foliage. The shape of the flower is round, and the size extraordinary large. A very valuable flower for commercial growers and the home garden.

The new Aster comes in two dainty and desirable colors—pink and white. Our stock of seed is true and comes direct from the original introducer. 1410 White, per pkt., 10c.; 1411 Pink, pkt., 10c.; 1412 White and Pink Mixed, pkt., 10c.

## Semple's Giant Late Branching Asters

(See illustration on preceding page.) A superb strain of American-grown Asters which have been brought to a high degree of excellence. Of branching habit, producing many perfect flowers 4 inches or more in diameter on long stems; flowers very double and of purest colors. The strong, branching plants grow about 2½ feet high. The flowers have very graceful and wavy petals, which give to the flowers that elegant Japanese Chrysanthemum effect which is so greatly admired. Immense quantities of these fine Asters are grown for the florists' cut flower trade. Its large, beautiful flowers, free-flowering habit and long stems make it a prime favorite with large growers of Asters.



Specimen Flower from Our Super Mixture of Giant Asters.



### Giant Ostrich Plume Asters

A very large-flowering class, the blooms of which are of most perfect shape; splendid for cut flowers. Resemble the Giant Comet Asters, as they have the same curled and twisted petals. However, the petals are longer, and the whole flower larger. Individual blooms often measure 4 to 6 inches in diameter. Plants of luxurious branching habit, with flowers on long slender stems. Height 2 feet.

**1416 Giant Ostrich Plume, Mixed Colors**—Embraces all the desirable colors in splendid mixture. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.;  $\frac{1}{4}$  oz., 45c.

**1417 Ostrich Plume Snow White.** Pkt., 10c.

**1418 Ostrich Plume Rose Pink.** Pkt., 10c.

**1419 Ostrich Plume Light Yellow.** Pkt., 10c.

**1420 Ostrich Plume Azure Blue.** Pkt., 10c.

**1421 Ostrich Plume Lavender.** Pkt., 10c.

**1422 Ostrich Plume Dark Blue.** Pkt., 10c.

**1423 Ostrich Plume Crimson.** Pkt., 10c.

Collection of Giant Ostrich Plume Asters, 7 separate colors, 55c.

### Victoria Asters

The Victoria Asters resemble Truffaut's Peony-Flowered Asters very closely, except that the petals recurve to the edge of the flower instead of incurving to the center. Superb colors, elegant sort, 2 feet.

#### 1388 Miss Roosevelt

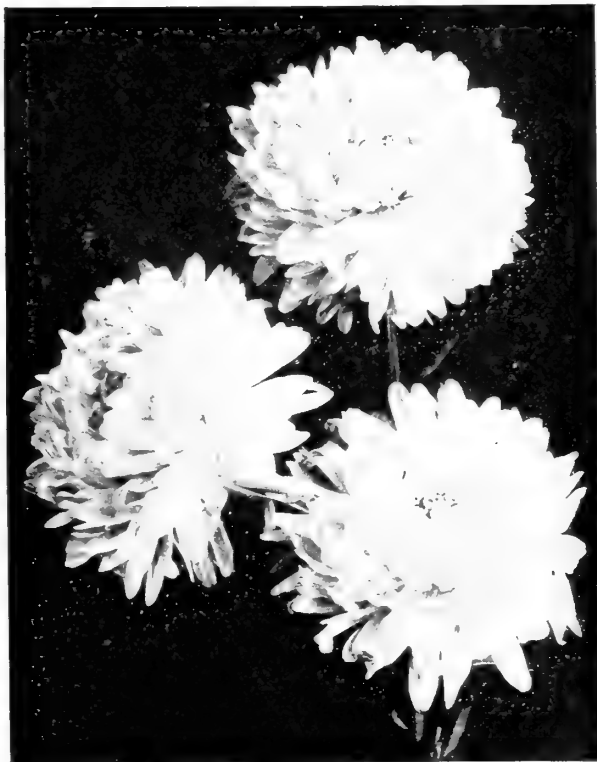
(Victoria)—The flowers of this new Aster are of a clear primrose tint, which changes to delicate flesh color, like the popular Gloire de Dijon rose. Fine cut flower. Pkt., 10c.;  $\frac{1}{2}$  oz., 50c.

#### 1459 Pink Beauty

Of magnificent upright growth, with flowers carried on long, strong stems. Of chrysanthemum shape with incurved inner and reflexed outer petals. Of beautiful, soft blush pink color. Pkt., 15c.

**1450 Victoria Asters, Mixed Colors**—Very fine. Pkt., 10c.;  $\frac{1}{2}$  oz., 35c.;  $\frac{1}{4}$  oz., 60c.

**1460 Dwarf Victoria Asters**—Perfect flowers of large size, produced profusely. 10 inches high. Effective in beds and borders. **Choice Mixed**—Pkt., 10c.



Crego Asters.

### Queen of the Market

About two or three weeks earlier than most other Asters. They bloom profusely and are of graceful habit. Their shape is very similar to Semple's Giant Branching Aster. The perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting. A favorite sort. Height 1 $\frac{1}{2}$  feet.

**1440 Mixed Colors**—All colors in finest mixture. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.;  $\frac{1}{4}$  oz., 25c.

**Separate Colors**—1441 Scarlet, 1442 Pink, 1443 Crimson, 1444 Pure White, 1445 Dark Blue, and 1446 Light Blue. Each color, pkt., 5c.

Collection Queen of the Market Asters, 6 separate colors, 20c.

### The "Carlson" Asters

A Popular Class with Chicago Florists

A variety of the Peony-Flowered type. Flowers of good size and great substance; long, stiff stems; colors well fixed and very beautiful. Comes into bloom a little earlier than Semple's Giant Branching Asters. **1463 Mixed Colors**—Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.

### Betteridge Quilled

Flowers have tube or quill-shaped petals; are very beautiful and perfectly double; 1 $\frac{1}{2}$  feet.

**1470 Mixed Colors,** pkt., 5c.

**1472 Crown Aster, White Center**

—Flowers of this beautiful class are two-colored. The center of each is pure white, with petals of bright colors—crimson, carmine, blue, violet, etc.; full, double, of handsome shape. Height 1 $\frac{1}{2}$  to 2 feet. **Mixed Colors,** pkt., 10c.

**1473 Crown Aster, Blood-Red Center**—Striking pure white, large globe-shaped German Aster, with blood-red center. 1 $\frac{1}{2}$  feet. Pkt., 5c.

### 1408 Crego Aster—White

Plants grow about 2 feet tall, making a sturdy growth with many branches. Long, strong stems support fluffy graceful flowers of a perfection hitherto unknown among Asters. They average 4 to 5 inches across and are unsurpassed for cutting. Pkt., 10c.

**1409 Crego Aster, Pink**—Identical with above, but of a beautiful, soft, shell-pink color. Pkt., 10c.

### Giant Comet Asters

An ideal class for cut flowers, being not only most profuse bloomers, but each individual flower is borne on a stiff stem and resembles an exquisitely curled and twisted Japanese Chrysanthemum. Height 2 to 2 $\frac{1}{2}$  feet.

**1428 Giant Comet, Mixed Colors**—A superb mixture, which includes all the best colors and shades in this class. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.

**1429 Giant Comet, Snow White**—Grand; pure white; flowers of immense size. Pkt., 10c.

**1430 Giant Comet Crimson,** pkt., 10c.

**1431 Giant Comet Light Blue,** pkt., 10c.

**1432 Giant Comet Rose Pink,** pkt., 10c.

**1433 Giant Comet Dark Blue,** pkt., 10c.

**1434 Giant Comet, The Bride**—Color—at first white, changing to a lovely pink, finally to a rose. For cut flowers, is one of the best. Pkt., 10c.

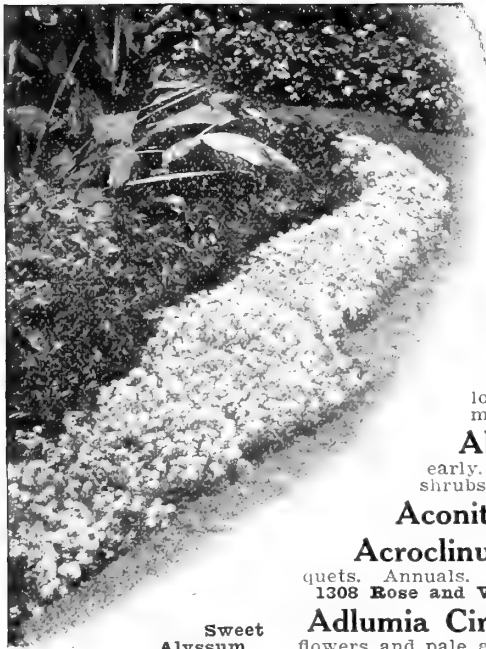
Collection Giant Comet Asters, 5 separate colors, 40c.

**1479 Dwarf Pyramidal Bouquet**—A charming class of pyramidal growth; a single plant forms a compact bouquet, covering itself with blossoms, almost hiding the foliage. Height 9 inches. **Mixed Colors,** pkt., 10c.



Pink Beauty.

# Catalog of "True Blue" Seeds



Sweet  
Alyssum.

## Choice Varieties of Sweet Alyssum

One of the sweet-scented flowers that should always be in every garden. An easily-grown annual; fine for beds, edgings or for cutting. In bloom all summer and through the greater part of fall.

**1325 Sweet Alyssum (Maritimum)**—One of the most popular of our hardy annuals, both for cutting and for edgings. The pure white flowers are noted for their exquisite fragrance. Blooms continually from earliest summer until hard frosts. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**1327 Little Gem, or "Carpet of Snow"**—A dwarf, very compact-growing variety, that, while only 6 inches in height, each plant will carpet a circle from 20 to 30 inches in diameter. From early summer until very late autumn the plants are a solid mass of snow-white flowers of delicious fragrance. **Pkt., 5c.; ½ oz., 15c.; ¼ oz., 25c.; oz., 40c.**

**1329 Saxatile Compactum (Golden Saxatile, or "Basket of Gold")**—A hardy perennial variety, that blooms the first season; its flowers are a most brilliant golden-yellow. Fine for rock-work. 9 inches high. **Pkt., 5c.; ½ oz., 20c.; ¼ oz., 35c.**

## Abronia

Pretty trailing plants with verbena-like, fragrant flowers. In bloom a long time. Adapted to beds, rock-work and hanging baskets. Annuals; good mixture; many varieties. **1300 Mixed—Pkt., 5c.**

**Abutilon (Flowering Maple, or Chinese Bell-Flower)**—Universally admired for garden or house culture; flower the first season if seed is sown early. They grow rapidly and bear elegant bell-shaped flowers. Half hardy shrubs. **1302 Mixed—Pkt., 10c.**

**Aconitum (Monk's Hood)**—Popular, hardy perennials, with long spikes of helmet-shaped flowers; 2 to 3 feet. **1306 Mixed Colors—Pkt., 5c.**

**Acroclinum**—An Everlasting. Yields a great number of flowers, which should be gathered the first day they open and dried in the shade for winter bouquets. Annuals. 1 foot.

**1308 Rose and White, Mixed—Pkt., 5c.; ½ oz., 15c.**

**Adlumia Cirrhosa (Mountain Fringe, or Allegheny Vine)**—A beautiful, hardy climber, flowering the first season. Clusters of small rosy-lilac flowers and pale green feathery foliage. **1310—Pkt., 5c.**

## Ageratum (Floss Flower)

Very showy plants; bloom profusely the whole summer; fine as cut flowers. Splendid for borders, ribbon beds, etc. Half hardy annuals. (See illustration below.)

**1312 Perfection Blue**—Splendid large heads of deep amethyst blue. Compact growth, 9 inches high. Deepest colored of all Ageratums. Fine bedder. **Pkt., 10c.; ½ oz., 25c.**

**1314 Princess Victoria Louise**—A very pretty dwarf sort. Bushes 5 to 6 inches high. Splendid in combination with Sweet Alyssum. The color is a bright blue, with white center. **Pkt., 10c.; 2 pkts., 15c.; ½ oz., 25c.**

**1316 Little Blue Star, New**—Exceedingly dwarf, bushy growth, not over 4 or 5 inches high. Densely covered with clusters of bright blue flowers. Very fine for edging. **Pkt., 10c.**

**1318 Imperial Dwarf Blue**—8 inches. **Pkt., 5c.**

**1319 Imperial Dwarf White**—8 inches. **Pkt., 5c.**

**1320 Mexicanum**—Lavender-blue. 1½ feet. **Pkt., 5c.**

**1321 Finest Mixed**—Splendid. **Pkt., 5c.; ½ oz., 15c.**

**Amaranthus**—Foliage brilliantly ornamental, producing a striking effect in the border as a background, or as a center of beds. Of the easiest culture. Annuals. 3 feet.

**1333 Fine Mixed—Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**Ampelopsis (Veitchii, "Japanese Ivy," or "Boston Ivy")**—A most beautiful hardy vine, clinging firmly to the sides of a house or wall, and soon forms a perfect mass of glossy green leaves, which change to a rich scarlet in autumn. **1336—Pkt., 5c.; ½ oz., 15c.**

## Anemone Coronaria

Spring flowering, hardy garden Anemone. Easily grown from seed. **1338 Mixed Colors—Pkt., 5c.**

## Giant-Flowered Antirrhinum (Snap Dragon)

This old favorite is one of the most beautiful and useful border plants of our gardens. Its very graceful flowers are borne on long spikes and in the greatest diversity of colors. Our strains of Giant Snapdragons have been selected with the greatest care, and we know they are very superior. They bloom profusely the first season from seed, but will be much stronger the second year. Half hardy perennials of easiest culture. The immense spikes of enormous flowers are most brilliant and showy. 2 feet.

**1340 Giant White**—Pure snow-white. **Pkt., 10c.**

**1341 Giant Rose**—Delicate rose-pink. **Pkt., 10c.**

**1342 Giant Scarlet**—Brilliant scarlet. **Pkt., 10c.**

**1343 Giant Yellow**—Pure soft yellow. **Pkt., 10c.**

**1344 Giant Queen Victoria**—New. Extra large, superb; pure white. **Pkt., 10c.**

Collection Giant Antirrhinums, 5 separate colors. **35c.**

**1346 Giant-Flowering Finest Mixed Colors**—An elegant assortment of innumerable rich colors and shades, including all the named varieties offered by us. **Pkt., 10c.; 3 pkts., 25c.; ½ oz., 30c.; oz., \$1.00.**

**1347 Dwarf Mixture**—Contains the very choicest colors. 12 inches. **Pkt., 5c.; ½ oz., 20c.**

**1348 Tall Mixture**—The best colors. 2 feet. **Pkt., 5c.; ½ oz., 15c.**



Ageratum, or Floss Flower.



## Aquilegia or Columbine

Exceedingly showy, early-blooming hardy plants; always favorites, and of the easiest culture. The graceful, long-spurred flowers are very brilliant. They delight in the moister portions of the garden. The new varieties are greatly enlarged, and the range of colors and shades has been largely increased. Hardy perennial. 1½ to 2 feet.

**1354 New Double Hybrids**—Large-flowering, long-spurred. Very beautiful, with several rows of cornucopia-like petals. Includes various charming shades of blue, yellow, lavender and white. **Pkt., 10c.**

**1355 New Single Hybrids**—Large-flowering. Very fine. **Mixed Colors. Pkt., 10c.**

**1356 New Long-Spurred "Rose Queen"**—A beautiful novelty, producing in great profusion very graceful, large-flowered, long-spurred flowers, shading from light pink to dark rose, with white center and yellow anthers. Very delicate and beautiful. **Pkt., 15c.**

**1360 Double Varieties Mixed**—A very choice assortment. **Pkt., 5c.**

**1362 Single Varieties Mixed**—All the best sorts and colors. **Pkt., 5c.**

**Arctotis Grandis** **The African Lilac Daisy**—A very handsome introduction from South Africa. The large flower heads are 2½ to 3 inches across. Pure white, with light blue center, the under side of petals being pale lilac; easy culture. Blooms from early summer until frost. Annuals. Height 2 feet. **1365—Pkt., 10c.; 2 pkts., 15c.; ½ oz., 25c.**

**Aristolochia Sipho** **Dutchman's Pipe Vine**—The well-known hardy climber, with pipe-shaped flowers and large heart-shaped leaves. Very effective for verandas. Grows 15 to 30 feet. **1368—Pkt., 10c.**

**Asparagus** **1372 Plumosus Nanus (Climbing Lace Fern)**—One of the prettiest house plants. Its feathery foliage is indispensable for bouquets and lasts a long time after cutting. Half hardy perennials. **Pkt. (10 seeds), 15c.; 25 seeds, 30c.; 100 seeds, \$1.00.**

**1374 Sprengeri (Emerald Feather, or Abyssinian Parlor Fern)**—This is one of the most beautiful plants for either pot culture or hanging baskets. Useful for bouquets. Grows freely all the year; a popular house plant. **Pkt. (15 seeds), 10c.**

**Asperula** **1377 Sweet Woodruff**—This charming plant delights in moist, shady situations. Its fragrant leaves and flowers when dried impart an agreeable perfume. Perennials. 1 foot. **Pkt., 5c.**

## Superior Large Double Balsams

Livingston's Premium Balsams

Our superb strain is unsurpassed. The very large and perfectly double flowers are as magnificent as the most elegant Camellia of years ago. (See illustration.) The extraordinary size, fine form, varied and brilliant colors, of our Premium Balsams are greatly admired. **1500 Finest Mixed—Pkt., 10c.; ½ oz., 40c.**

**1502 Camellia-Flowered White**—A superb variety. The flowers are extremely large, full centered, with reflex petals, pure snow-white. The most elegant of all Balsams. **Pkt., 5c.; ½ oz., 25c.; oz., 75c.**

**1504 Double Camellia-Flowered—Finest Mixed**—A very choice assortment of all the best varieties and colors in these favorite Balsams. **Pkt., 5c.; ½ oz., 20c.; ½ oz., 35c.**

**1507 Double Lavender; 1509 Double Bright Scarlet; 1511 Double Dark Blood Red; 1513 Double Peach Blossom; 1514 Double Red Spotted White.** Each of above separate colors, **Pkt., 5c.; oz., 60c.** **Collection Double Balsams, 6 separate colors, 25c.** **1515 Double Mixed Balsams, Pkt., 5c.; oz., 50c.**

## Balloon Vine—"Love in a Puff"

Rapid growing, pretty annual climber; delights in a light soil and warm situation; produces white flowers, followed by seed vessels that look like small balloons; makes a fine porch screen. 10 feet. **1496—Pkt., 5c.; oz., 20c.**

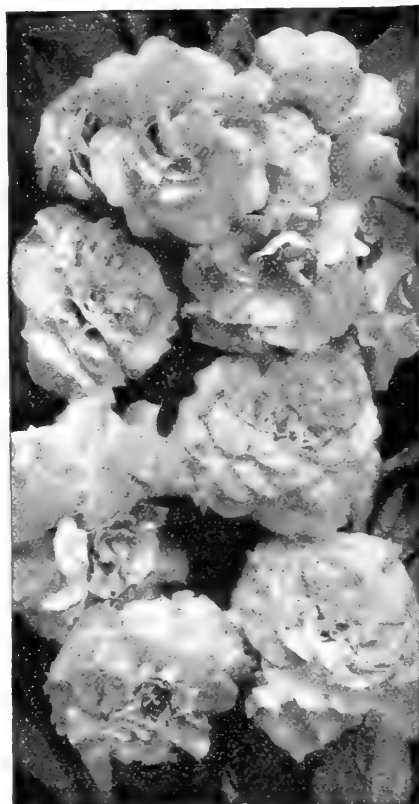
## Balsam Apple and Pear

(*Mormordica*)—Very curious vine with ornamental foliage. Its large golden-yellow fruit opens when ripe and shows its brilliant blood-red inside. Hardy annuals. 10 ft. **1518 Balsam Apple and Pear, Mixed—Pkt., 5c.; ½ oz., 10c.**

## Begonias

(*Everblooming Begonias*)—Start the plants early in the house and set out in the garden in June.

**1523 Finest Mixed**—Our strain contains a great variety of colors, both in flowers and foliage. A superior assortment. **Pkt., 10c.**



Livingston's Premium Balsams. Pkt., 10c.

## Tuberous Rooted Begonias

**1524 Vernon**—An elegant variety, with bright orange-carmine flowers and very dark leaves. Start the seed early in the house or greenhouse. **Pkt., 10c.**

**1520 Best Double Mixed—Prize Strain. Pkt., 25c.**

**1521 Best Single Mixed—Prize Strain. Pkt., 25c.**

**Begonia Rex (Ornamental-Leaved Varieties)**—A collection of house plants without some of these elegant pot plants seems incomplete. The leathery leaves are bronze, red, silver and gold. Finest sorts. **1522—Pkt., 25c.**

## Calliopsis, or Coreopsis

One of the easiest grown annual flowers; can be used with fine effect anywhere—in beds, borders or masses. Blooms all the time. Sow the seed thinly when weather becomes warm and soil dry. 1 to 2 feet.

**1530 Hybrida Superba**—Very showy new hybrids in great variety of color, varying from pale yellow to rich orange and velvety brown. 1 foot high. **Pkt., 10c.; ½ oz., 25c.**

**1532 Golden Wave (Drummondii)**—Bushy, compact plants covered with very large bright golden-yellow flowers with brown centers. **Pkt., 5c.; 1 oz., 10c.**

**1534 Coronata**—Showy, large, pure yellow flowers. (See illustration below.) **Pkt., 5c.; ½ oz., 15c.**

**1536 Mixed Tall Sorts**—All choice sorts. **Pkt., 5c.; oz., 20c.**

**1537 Mixed Dwarf Sorts**—Fine for bedding. **Pkt., 5c.; oz., 25c.**



Calliopsis coronata.



# Catalog of "True Blue" Seeds



Canterbury Bells (Campanula)

## Large Flowering Candytuft (Iberis)

Candytuft is among the most highly prized of summer flowers, and no garden is complete without a large quantity of it. Grows easily, and blooms all the time until frost. Splendid for cut-flowers. Hardy annuals. 1 foot.

## Three New Large-Flowering Dwarf Hybrid Candytufts

These exquisite new varieties far surpass all the older sorts. The florets are double the size; the colors include new and dainty shades. Bloom profusely all summer. Splendid for edgings and beds, forming little bushy plants only 4 to 6 inches high. (See illustration.)

**1545 Large-Flowering Dwarf, Mixed—**Pkt., 10c.;  $\frac{1}{2}$  oz., 35c.

**1546 Large-Flowering Dwarf, White—**Pkt., 10c.;  $\frac{1}{2}$  oz., 35c.

**1547 Rose Cardinal—**Very large umbel of bright rose-cardinal flowers, so prolific that a bed presents an unbroken sheet of bloom. Height 8 inches. Pkt., 10c.;  $\frac{1}{2}$  oz., 40c.

**1550 Empress, or Giant Hyacinth-Flowered—**An improved strain, producing immense trusses of pure white bloom, frequently measuring 4 inches in length by 2 inches through. Fine for bedding and cutting. Height 1 foot. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.; oz., 40c.

**1551 White Bocket—**Compact spikes. Pkt., 5c.; oz., 15c.

**1553 Odorata—**Pure white; most fragrant. Pkt., 5c.; oz., 20c.

**1554 Candytuft, Mixed Annual Sorts—**Our mixture contains all the best varieties and colors. Pkt., 5c.; oz., 15c.

## Hardy Calliopsis, or Coreopsis

**1539 California Sunbeams (Grandiflora)—**An improved large-flowering strain. Fine light-yellow and brown blooms. Pkt., 5c.

**1540 Lanceolata Grandiflora (Harvest Moon)—**One of the grandest perennial plants. Fine in masses, or as cut flowers. The individual blooms are very large and of the richest golden yellow. Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 60c.

## Canterbury Bells

(Campanula)

This old-fashioned flower is a favorite with all. Stately and showy, and of the easiest growth. Hardy biennials.

**1560 Livingston's Prize Mixture—**An elegant mixture of all the finest classes and colors of single and double and "Cup and Saucer" varieties. Pkt., 10c.; 2 pkts., 15c.

**1561 Calycanthema "Cup and Saucer"—**Our mixture includes all the best colors and varieties. Pkt., 5c.

**1562 Imperialis (Imperial Canterbury Bells)—**A new type distinct from the older sorts, plants being dwarfer and the flowers larger, of regular pyramidal growth. Blooms upright. Colors rich and varied, including white, rose, carmine, violet, etc., all in delicate shades. Choicest mixture. Pkt., 10c.

**1563 Finest Double Mixed. Pkt., 5c. 1564 Finest Single Mixed. Pkt., 5c.**

## Hardy Campanulas

**1566 Pyramidalis Blue and White—**In finest mixture. Height, 3 $\frac{1}{2}$  feet. Pkt., 10c.

**1568 Carpatica—**Beautiful free-flowering, hardy perennial; fine for groups and edgings. Blue and White, mixed. 9 inches. Pkt., 5c.

## Livingston's Cannas

Cannas seem to be especially adapted to the American climate, as they do well everywhere. They grow nicely from seed, and will bloom the first summer if started early. It is hard to describe the elegance of a fine bed of Cannas. Soak the seeds in warm water until they begin to swell; then sow them in a box in a sunny window or in the greenhouse. When up to the second leaf, transplant singly into pots and set out in the garden when the weather has become warm and settled.

## Large-Flowering Cannas

**1574 Crimson Bedder—**Beautiful crimson blooms. Pkt., 10c.

**1575 Florence Vaughan—**Very large yellow flowers, thickly spotted bright red; foliage green. Pkt., 10c.

**1576 Duke of Marlborough—**Flowers dark, rich velvety maroon; the darkest variety to date; foliage green. Pkt., 10c.

**1577 Madame Crozy—**Flowers beautiful scarlet, with gold border around each petal; foliage green. Pkt., 10c.

Collection Large-Flowering Cannas, 4 separate sorts, 30c.

## Large-Flowering French Hybrid Cannas

Seed saved by us from our superb collection. Early-flowering, and remarkable for large size and beauty of flower and foliage. This collection contains all that is best in Cannas.

**1580 Mixed—**Pkt., 5c.; oz., 25c.

**1582 Dark Leaved Cannas—**This mixture contains the very choicest varieties we grow in the dark-leaved Cannas. Pkt., 5c.; oz., 20c.

Canna Plants—See page 118.



Dwarf Hybrid Candytuft. Pkt., 10c.

## "True Blue" Seeds

are steadily gaining in popular favor because: We fill the orders promptly! The seeds we send grow and please the customers. We treat our customers courteously and help with suggestions, leaflets, etc., to make their work a success.





### Calendula (Pot Marigold)

One of the easiest grown, and brilliantly showy, free-flowering, hardy annuals, producing a fine effect in beds or mixed borders; blooms all the time; fine for cut flowers. 1 1/2 feet.

1529 **Fine Double Mixed**—Contains the choicest sorts. Pkt., 5c.; oz., 20c.

### Canary-Bird Vine

Easy-growing, free-blooming annual climber for house or garden. Bright yellow flowers resembling a canary bird with extended wings. 10 feet.

1543—Pkt., 5c.; 1/2 oz., 15c.

## Choice Carnations

Seeds may be sown under glass in the spring, or in open ground, but must be protected in the winter. Half hardy.

### Varieties That Bloom the First Year From Seed

1586 **Giant Marguerite**—The flowers enormous; the colors most varied and brilliant, and they come into full bloom in four months from sowing, and continue until hard frosts. Our strains are semi-dwarf, and strong growers. 1 foot high. Our mixture is splendid. Pkt., 10c.

1587 **Marguerite Double White**—Pure white, large flowers; stiff stalks. Pkt., 10c.

1588 **Marguerite Double Yellow**—Pkt., 15c.

1589 **Marguerite New Half Dwarf Mixed**—A grand new sort. Flowers are very large, double and fragrant. Colors include white, pink, crimson and striped. Pkt., 10c.; 1/2 oz., 40c.

1590 **Chaubaud's New Giant Perpetual**—Comes into bloom in a little over 4 months from seed; of extra large size; fine range of colors; is very sweet-scented. **Mixed Colors**—Pkt., 10c.

1591 **Carnation, Giant of Nice**—Blooms in four to five months from date of sowing the seed. The flowers are very large; colors varied; very free flowering. Pkt., 20c.

### Hardy Candytufts

Much used for rockeries, cemeteries, etc. 1 foot.

1556 **Gibraltarica**—Lilac, shading to white. Pkt., 10c.

1557 **Sempervirens**—Pure white. Pkt., 10c.; 1/2 oz., 25c.

### Catchfly

(Silene)

A very showy, free-blooming annual. 6 inches.

1599—Mixed sorts and colors. Pkt., 5c.

### 1585 Livingston's "Peerless" Carnation Mixture

All Bloom the first Summer. A very choice mixture including all superb sorts. Pkt. (about 75 seeds), 15c.

### Carnations That Bloom the Second Year From Seed

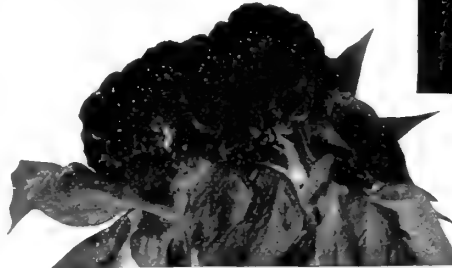
1592 **Fine Double Mixed**. Pkt., 10c.

1594 **Red Grenadin**

For yielding a quantity of double red flowers, no outdoor Carnation can equal it. Pkt., 10c.



Giant Marguerite Carnations.



Cockscomb, Glasgow Prize.

## Celosia, or Cockscomb

Very attractive annuals; free-flowering, and do well in ordinary garden beds or borders. The crested heads of flowers resemble a cock's comb. The plumed heads are like great feathers. The colors are varied, but the scarlet and crimson shades are the most beautiful and rich. Sow the seed directly in the garden or start early and transplant. Make fine pot plants.



Celosia, New Ostrich Plume.

crimson shades are the most beautiful and rich. Sow the seed directly in the garden or start early and transplant. Make fine pot plants.

### Comb Varieties

1608 **Queen of the Dwarfs**—Grows only about 8 inches high. Immense combs of perfect form; brilliant dark rose. Pkt., 10c.

1609 **Glasgow Prize**—Large and very showy dark crimson combs. One of the most popular varieties. 9 inches. Pkt., 10c.; 1/2 oz., 30c.

1610 **Empress**—Combs of colossal proportions; they have been grown measuring 18 inches from tip to tip; rich crimson. Pkt., 10c.; 1/2 oz., 50c.

1611 **Finest Dwarf Mixed**—A choice mixture of all sorts and colors. Pkt., 5c.; 1/2 oz., 25c.

### Ostrich Plume Sorts

New type of Celosia, very graceful. Handsome, pyramidal plants, 3 feet high, freely branched. Each branch gracefully tipped with mammoth, brilliantly colored plume resembling an ostrich feather. (See illustration.)

1600 **Thompson's Magnifica**—Grand variety of the ostrich plume type; mammoth blossoms of vivid scarlet; purple, blood-red, golden yellow, salmon, etc. 2 feet. Mixed colors. Pkt., 10c.; 1/2 oz., 25c.

1602 **Gold Plume**—Golden yellow. Pkt., 5c.

1604 **Fire Plume**—Fiery scarlet. Pkt., 5c.

Collection, the 3 new Ostrich Plume Celosias, listed above, 15c.

## "True Blue" Flower Seeds

give uniformly best satisfaction. We test hundreds of varieties every year in our trial grounds, and know that you cannot buy better flower seeds, no matter where you buy or what you pay.

Every year we receive hundreds of testimonials like these: **J. J. Anderson, of Lake Co., Ohio, writes:** "It is a pleasure to me to state that during my several years dealing with you I have had no cause to complain as to your stock or your prompt and courteous manner of doing business."

**W. D. Hinds, of Athens Co., Ohio, writes as follows:** "Send your Catalog to my address as I will want to order quite a bill of seeds, plants, this spring, as no other seeds can compare with yours, in my estimation."

**Mr. Charles Adams, Fayette Co., Ind., writes:** "The package of Lawn seed and flower seed you mailed us arrived all O. K., and we feel that we now have seed that will make us successful."

# Catalog of "True Blue" Seeds

## Centaureas

The various varieties of this popular annual include such favorites as the Bachelor's Buttons or Corn-Flowers, and Sweet Sultans. Old-fashioned flowers of easiest culture. 2 feet.

**1616 Bachelor's Buttons (Centaurea Cyanus)**—Our strain is especially fine. The true old-fashioned Bachelor's Buttons of your grandmother's garden. Also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

**1617 Emperor William**—The rich, deep blue Bachelor's Button. Pkt., 5c.; ½ oz., 10c.

**1618 Double Varieties**—A comparatively new strain; about three-quarters of the flowers come double; many choice colors. Pkt., 5c.; ½ oz., 15c.

### Giant-Flowering Sweet Sultans (Centaurea Imperialis)

The very large sweet-scented flowers of this elegant class are the finest of all Sweet Sultans for cut flowers. The blooms are borne on long stems. Of the easiest growth; very showy in the garden all summer long. (See illustration.)

**1620 Giant Mixed Colors**—An elegant assortment of colors. Pkt., 5c.; ½ oz., 25c.; oz., 75c.

**1621 Giant White**—Splendid for bouquets; large, fragrant, elegant. Pkt., 5c.; ½ oz., 25c.

**1622 Giant Odorata**—An exquisite light blue; very sweet, large and elegant. Pkt., 5c.

**1623 Giant Suaveolens**—This is the popular yellow Sweet Sultan; large, fragrant. Pkt., 5c.

### 1627 Livingston's Choice Mixed Centaureas

A grand mixture of all the above Bachelor Buttons and Giant Sweet Sultans. Will make a glorious display in your garden. Pkt., 5c.; ½ oz., 25c.; oz., 75c.

### White-Leaved Centaureas (Dusty Millers)

Silver-foliaged plants; extensively used for edgings, hanging baskets, etc. Should be started early.

**1629 Candidissima**—Very thick, broadly-cut, silvery white leaves. 1 foot high. Pkt., 10c.

**1628 Gymnocarpa**—Leaves fern-like; silvery gray color. Fine for borders. 1½ feet. Pkt., 5c.

## Chrysanthemums

The annual sorts bloom throughout the summer, while the perennial varieties are gorgeous in the garden every fall. The plants grow from 1 to 3 feet in height.

### Seeds of Annual Varieties

**1632 Double White**—Pkt., 5c. **1633 Double Golden Yellow**—Pkt., 5c.

**1634 Double Sorts Mixed**—All the most desirable colors. Pkt., 5c.; ½ oz., 15c.

**1635 Livingston's Choice Mixed Chrysanthemums, Single and Double Sorts**—Very desirable for the summer garden; showy; free-flowering. Pkt., 5c.; ½ oz., 15c.; 1 oz., 25c.

### Seeds of Perennial Varieties

**1641 Japanese Hybrids**—The best double-flowering varieties. Pkt., 15c.

**1642 Frutescens (Marguerite, or Paris Daisy)**—Large, single white flowers. Pkt., 5c.

**1644 Chrysanthemum Inodorum (Bridal Robe)**—New; pure white; extra fine. Pkt., 10c.

**1643 Maximum (Triumph Daisy)**—Large, single, pure white, yellow center. Pkt., 10c.

**2433 Shasta Daisy**—Pkt., 10c. For description, see page 109.

## Cineraria

A favorite free-flowering greenhouse plant of wondrous beauty, with flowers of great richness and diversity of colors. Cinerarias bloom during the winter and spring months and can be planted out in summer. The plants thrive best in a mixture of loam, leaf-mould and sand.

**1648 Livingston's Prize Mixture**—Contains only the richest and most beautiful colors. Compact and branching plants. Blooms are very large. Pkt., 25c.

**1650 Cineraria Maritima (Dusty Miller)**—Silvery white foliage; for edgings, ribbon beds, hanging baskets, etc. 1 foot. Perennial, but usually grown as an annual. Pkt., 5c.; oz., 40c.

## Clematis

No flowering vine has more rapidly advanced in popular favor than the Clematis. They are universally admired for their quick growth, fragrance and superb blooms; fine for arbors, pillars, trellises and rock-work. The seed should be soaked for at least 24 hours in warm water before sowing. When well up, transplant into small pots preparatory to planting in the open ground in May. Hardy perennial.

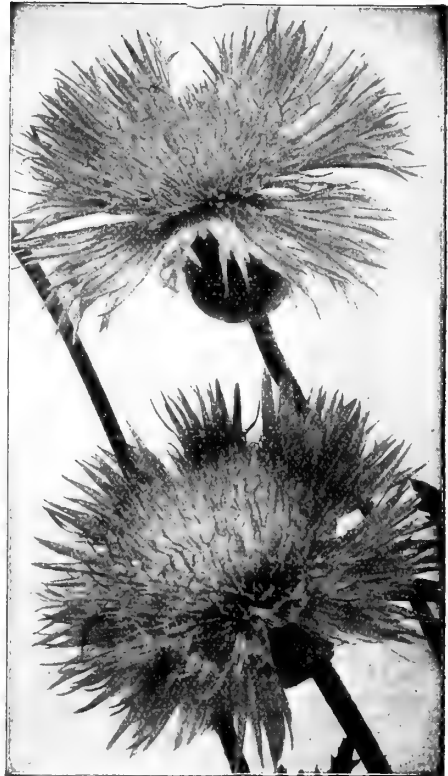
**1654 Jackman's Finest Hybrids**—The best large-flowering sorts. Blooms 4 to 7 inches across, and in splendid shades of white, crimson, lavender and purple. Pkt., 10c.

**Paniculata (See illustration)**—Everybody knows this splendid hardy climber. When in bloom it is a fragrant blanket of white. Grows easily; fine for cemetery. **1655**—Pkt., 10c.

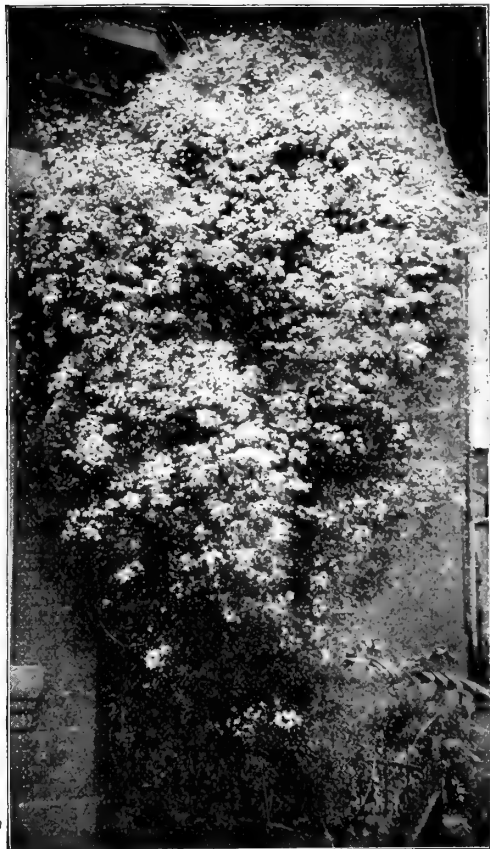
**Columbine**—See *Aquilegia*, page 87.

**Coreopsis**—See *Calliopsis*, pages 87 and 88.

**Cobaea Scandens** A fine annual climber, often growing 15 to 25 feet in a season. Has handsome foliage and large bell-shaped flowers of a beautiful deep violet-blue. Seed should be started in a hotbed or by a warm window in the house in rather dry soil. Place the seed edge down, and do not water unless the soil becomes dry. **1658**—Pkt., 5c.



*Centaurea Imperialis*—Giant-Flowering Sweet Sultan.



*Clematis Paniculata*. Pkt., 10c.



**Mammoth Perfection Cosmos.**

## Livingston's Mammoth Cosmos

None of our autumn flowers are more prized than the Cosmos. The thrifty plants produce thousands of the most elegant blooms, in pure white, pink and crimson shades. As a decorative garden plant its value is inestimable, while as cut flowers for home decoration nothing is finer, especially as Cosmos are in bloom when other outdoor flowers are getting scarce. Plant the seed directly in the garden as soon as the settled spring weather comes; or you may start the plants early in a box in the house and transplant them. In the garden set the plants 1 foot to 18 inches apart. One of our most desirable and easy-growing annuals. 5 to 6 feet.

### Mammoth Perfection Cosmos

**Giants of California**—A magnificent strain. The individual flowers are of enormous size and the most perfect form, while the colors are richly brilliant. These represent the highest developed types in Cosmos. Will keep a week in water after being cut. (See illustration.)

**1672 Mammoth Perfection, Mixed**—A superb mixture of every color and shade in these splendid Cosmos. Pkt., 5c.; 1/2 oz., 10c.; oz., 30c.

**1673 Mammoth Perfection, Pure White**—A splendid large flower. Pkt., 5c.; 1/2 oz., 15c.

**1674 Mammoth Perfection, Light Pink**—Blooms are truly superb. Pkt., 5c.; 1/2 oz., 15c.

**1675 Mammoth Perfection, Crimson**—A rich and brilliant shade. Pkt., 5c.; 1/2 oz., 15c.

**1676 Giant Titania**—New semi-double varieties of purest white. Plants 3 1/2 feet high; flowers 2 1/2 inches in diameter, fluffy and feathery; very dainty. Pkt., 10c.

**1680 New Gigantic Orchid-Flowered Cosmos, Lady Lenox**—This gigantic Cosmos is the forerunner of an entirely new race of Cosmos. It is of extraordinary size and beauty. Visitors to the floral exhibitions last autumn were enraptured with its size and magnificent color. Flower 4 to 5 inches in diameter. Color a delightful shell pink, lighting up beautifully at night. 6 to 7 feet high. Splendid variety. Pkt., 10c.; 3 for 25c.; 1/2 oz., 40c.

### Early Summer-Flowering Cosmos

**1668 Dwarf Early-Flowering "Dawn"**—Coming into flower in July, continuing until frost. Can be grown in the North where the seasons are too short for other strains. Dwarf, compact growth—4 feet. Flower beautiful and large; petals broad, pure white, flushed with a delicate tinge of rose; profuse bloomer. Pkt., 5c.; 1/2 oz., 15c.; 1 oz., 25c.

### Dwarf Early-Flowering Mixed

Identical with above, but contains all elegant colors known in Cosmos. **1669 Mixed**—Pkt., 5c.; 1/2 oz., 15c.; 1 oz., 25c.

**Coix Lachrymae (Job's Tears)**—Very ornamental plant, with broad corn-like leaves and producing hard, shining, pearly seeds, which are easily strung like beads. Much used for bead curtains, raffia work, etc. **1660**—Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**Coleus** Beautiful ornamental foliage plants, both for greenhouses and bedding out in the garden during the summer. The striking colors and brilliant variegations of the leaves are much admired. Superb new varieties are produced from seed. Very easily grown.

**1662 Extra Fine Mixed Hybrids**—A mixture made up of the finest and showiest varieties possible to obtain from specialists. Pkt., 15c.

**1663 Fine Mixed Hybrids**—Mixed seed from a very fine collection. Pkt., 10c.

**1664 New Large-Leaved "Fringed" Coleus**—The leaves are large, superbly variegated, deeply cut, lacinated, fringed. Colors and markings new and striking. Pkt., 20c.

**Cyclamen** These elegant greenhouse plants have the most beautiful foliage and the richest colored flowers. Seed may be sown in the spring and autumn. For large size blooms, substance and brilliant colors, our strains are unsurpassed.

**1683 Livingston's Superb Mixture**—Is our best strain; obtained by a continued selection of the choicest varieties of Cyclamen Persicum. The individual flowers are enormous in size; plants profuse bloomers. The colors are rich and varied. Pkt., 25c.

**1684 Cyclamen Persicum, Finest Mixed**—A choice assortment of varieties and colors. Pkt., 10c.

**Cypress Vine (Ipomoea Quamoclit)**—This is a beautiful rapid-growing annual climber, with delicate dark green finely cut fern-like foliage and masses of most brilliant and graceful star-shaped flowers. The two shades, white and scarlet, are very striking. Planted by the side of a veranda, tree or stake, and trained properly, nothing is prettier.

**1686 Pure White**—Pkt., 5c.

**1687 Bright Scarlet**—Pkt., 5c.

**1689 Finest Mixed**—A mixture of Pure White and Bright Scarlet. Pkt., 5c.; 1/2 oz., 15c.

## Giant Double Daisies (Bellis Perennis)

A charming little plant for pots, edgings and borders. (See illustration.) Sow the seeds very early and plants will bloom the first season and continue to bloom each season if given some protection during winter. They do best in a rich soil and quite cool situation. Especially desirable for cemetery decoration. Perennial. Height about 6 inches.

**1710 Giant Longfellow**—A very desirable double sort; dark pink; flowers very large. Pkt., 10c.

**1711 Giant Snowball**—A large and very double pure white variety. The flowers make fine cut flowers, as the stems are long. Pkt., 10c.

**1712 Giant Mixed Daisies**—This assortment includes the Giant Longfellow, Giant Snowball and Giant Red, as well as many other finest sorts. Pkt., 10c.

**1713 Double White**—A very fine white variety. Pkt., 5c.

**1714 Double Rose**—Clear rose-pink. Pkt., 5c.

**1715 Fine Double Mixed**—A very choice mixture. Pkt., 5c.

For other varieties of Daisies, see *Chrysanthemums*, page 90.



**Giant Double Daisies.**



# Catalog of "True Blue" Seeds



Choice Double Dahlias Mixed. Pkt., 10c.

## Datura (Trumpet Flower)

Very attractive, bushy plants of easy growth, that during the whole season are covered with elegant, fragrant, trumpet-shaped flowers. Hardy annual. 3 feet.

**1720 Cornucopia (Horn of Plenty)**—A magnificent variety. The blooms average 8 inches long by 5 inches across; the color is white inside, while the outside is most beautifully marbled with royal purple. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.

**1722 Finest Double Mixed**—A very choice assortment of all the best colors and varieties of this effective annual. Pkt., 5c.

## Delphinium

### Hardy Perennial Larkspurs

One of our most brilliant and effective hardy garden plants. Of late years the size and colors of the flowers have been wonderfully improved. Persistent bloomers, even in the driest seasons. 2 to 4 feet.

**1726 New Giant-Flowering Double Hybrids**—These magnificent hybrids, the grandest of Delphiniums in existence, produce beautiful spikes of immense flowers, semi-double and double. Flower spikes are from 2 to 5 feet in length. The colors are very beautiful, ranging from pure white through all the shades of lavender and blue. Mixed Colors, pkt., 10c.

**1728 Elatum (Giant Bee Larkspur)**—Clear blue flowers; 3 feet. Pkt., 5c.

**1730 Elatum Hybridum**—Finest mixed. Pkt., 10c.

**1732 Formosum**—Elegant spikes of the richest dark-blue flowers, with a white center; especially fine for cutting. 4 feet. Pkt., 5c.

**1733 Formosum Coelestinum**—Light sky-blue flowers, with darker centers; a very fine variety. 4 feet. Pkt., 10c.

**1735 Zalil**—The splendid spikes of bloom are a lovely shade of sulphur-yellow. 4 feet. Pkt., 10c.

**1737 Mixed Chinese Varieties**—This elegant mixture contains a great variety of shades, from pure white to gentian-blue. The plants are brilliantly showy. Pkt., 5c.

Annual Delphiniums—See Larkspur, page 97.

## Dahlias from Seed

Dahlias are easily grown from seed and bloom the first season. The earlier they are started the better, which can be done nicely in a box in a sunny window or the greenhouse. Some specimens grown from seed are fully equal to many of the named sorts, and there is always the chance of getting some entirely new varieties. The Single Dahlias are being planted more extensively every year; they are quick and profuse bloomers, and their colors are especially rich and brilliant.

Dahlia Bulbs—See page 117.

### Seeds of Single Dahlias

**1693 Twentieth Century or Orchid-Flowered**—A truly exquisite single Dahlia. Has created a sensation everywhere. Individual flowers are 5 to 8 inches across. Innumerable colors, that have the rich sheen of velvet. We cannot describe their elegance. Pkt., 10c.

**1694 Striped and Spotted Varieties**—A very beautiful class, with finely cut foliage and large single flowers of perfect form in many brilliant colors. Pkt., 5c.

**1695 Large-Flowering Single Mixed**—Splendid assortment of single-flowering varieties. Pkt., 5c.

### Seeds of Double Dahlias

**1698 Large-Flowering Choicest Double Mixed** (See illustration)—This elegant assortment of seed is saved from round, double flowers; many beautiful colors. Pkt., 10c.

**1700 Pompon Varieties, Fine Mixed**—These have small, round, perfectly double flowers; many beautiful colors. Pkt., 5c.

**1701 Double Tom Thumb, Superb Mixture**—A splendid strain, growing about 18 inches high; very double; fine for beds. Pkt., 10c.

**1702 Cactus Varieties, Choicest Mixed**—Most popular at the present time; distinct and elegant; petals pointed; blooms perfectly double. Pkt., 10c.

**1705 Livingston's Superb Dahlia Mixture**—This splendid assortment embraces every variety of Dahlias, both single and double, described on this page, as well as many other fine sorts. Will make an elegant bed at small cost. Pkt., 15c.



Delphinium formosum.



## Digitalis (Foxgloves, or Witches Fingers)

The Foxglove, in common with all the hardy perennials, is being planted more extensively each season. The large tube-like flowers, which are produced so freely in beautiful spikes, add much to our hardy beds and borders. (See illustration.) Being of the easiest growth, and doing finely in partially shaded situations, they fill in many gaps most advantageously. 3 feet.

**1782 Gloxiniaeflora**—A beautiful class, with spotted flowers. We offer a mixture of the finest varieties. **Pkt., 5c.; 1/2 oz., 20c.**

**1784 Grandiflora**—A variety that grows about 2 feet in height. A very fine yellow in color. **Pkt., 5c.; 1/2 oz., 20c.**

**1786 Monstrosa (Mammoth Foxglove)**—A grand strain. The top flowers of the spikes are of enormous size. Our assortment of colors is very fine **Splendid mixed. Pkt., 10c.; 1/2 oz., 30c.**

**1788 Purpurea, Finest Mixed**—This is the common Foxgloves so generally known. Contains many fine varieties. **Pkt., 5c.; 1/2 oz., 15c.**

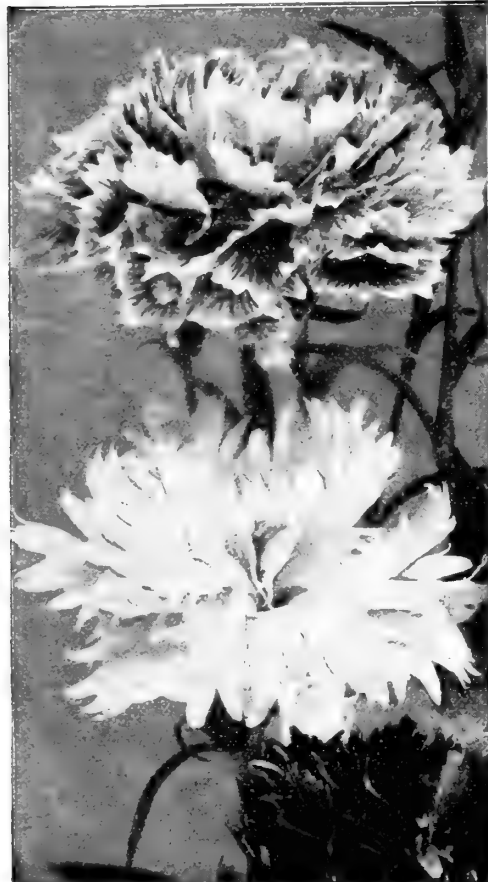
## Dianthus or Pinks, New and Choice Varieties

This elegant family contains many of the most valuable and popular flowers in cultivation. All the sorts classed as annuals may be sown directly in the garden as soon as danger from frost is past, and will in a short time become a mass of bloom, and so remain all Summer. Elegant as cut flowers for bouquets, as the stems are good. Grow about 1 foot high, and are of easiest culture.

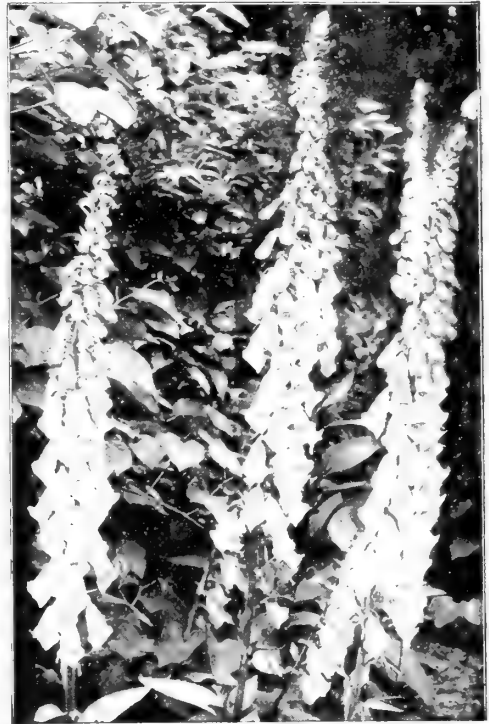
### Double Annual Pinks

**1740 New Giant Fringed and Ruffled Pinks, Double Marvelous or Japanese Fringed Pinks (Mirabilis Fl. Pl.)**—This remarkable and perfectly distinct new strain produces large, perfectly double flowers on stiff, upright stems. The petals are deeply cut into fine strips of thread-like fringes for about half their length, and are twisted in all directions, presenting a novel aspect. In color they vary greatly, having all shades from pure white to deep purplish-red. **Pkt., 15c.; 2 pkts., 25c.**

**1742 Double Royal Pinks (Nobilis Fl. Pl.)**—A splendid new double-flowering strain of Royal Pinks. The flowers range in colors from blood-red to pure white, and are beautifully frilled and fringed. The enormous blooms are especially adapted for cutting, the stems being long. Vigorous growers and abundant bloomers. **Pkt., 10c.**



Giant Fringed and Ruffled Pinks. **Pkt., 15c.**



Foxglove (Digitalis).

**1744 Laciniatus (Double Fringed Pinks)**—Magnificent flowers; very large; double. Mixed colors; striped and fringed edges. **Pkt., 5c.; 1/2 oz., 25c.**

**1746 Heddwigi (Double Japan Pink)**—Flowers very large; perfectly double; many elegant colors and shades, from delicate rose to richest crimson. **Pkt., 5c.; 1/2 oz., 20c.**

**1752 Imperialis (Double Imperial Pink)**—Charming varieties of these popular pinks. Our mixture includes a great number of colors. **Pkt., 5c.**

**1754 Snowball**—Double white, fringed flowers; fine variety. **Pkt., 5c.**

**1756 Fireball**—A brilliant dark scarlet; plants grow dwarf and bushy; is very fine for bedding or cut flowers. **Pkt., 5c.; 1/2 oz., 25c.**

**1758 Chinensis (China or India Pink)**—Our mixture includes all best colors and shades. **Pkt., 5c.; 1/2 oz., 15c.; oz., 50c.**

**1760 Livingston's Mixture of Double Pinks**—A splendid combination of all the best varieties. **Pkt., 5c.; 1/2 oz., 25c.**

### Single Annual Pinks

**1766 Livingston's Mixture of Single Pinks**—Superb collection, containing all that is best in single pinks, many pretty shades and choicest varieties. Mixed from best named sorts. **Pkt., 5c.; 1/2 oz., 25c.**

**1770 Livingston's Perfection Mixture of Pinks**—A magnificent mixture, containing all of the finest single and double named varieties, together with many beautiful new hybrids. All large-flowering kinds, including the "frilled and fringed" varieties; producing a riot of brilliant, rich and varied flowers in such profusion that they seem to cover the entire plant. These noble blooms often measure 3 inches in diameter and range in color from glowing velvety crimson to rose, pink and snowy white. Many flowers are exquisitely mottled and blotched with several shades. For cut flowers or garden decoration our Perfection Mixture of Pinks is unrivaled. **Pkt., 10c.; 3 pkts., 25c.; oz., \$1.00.**

## Hardy Garden or Clove Pinks

This splendid class of hardy perennial Pinks should be in all gardens. They have the delightful clove fragrance.

**1778 New Double Large-Flowering Grass, or Spice Pinks (Plumarius semperflorens, Fl. Pl.)**—One foot high. The flowers, which are beautifully fringed, are much larger and more double than the old varieties, while the colors are far richer, including a large variety of colors and markings not known to the old-fashioned Pinks. Many are exquisitely spotted and splashed. They emit a delightful, sweet-scented spicy odor. Perfectly hardy, requiring only the ordinary culture of Pinks. They increase in size and beauty every year. Bloom profusely during the spring and early summer. **Pkt., 25c.**

**1772 New Single Large-Flowering Grass, or Spice Pink, Mixed**—Same as above, only single. (See illustration on next page.) **Pkt., 5c.**

**1773 Plumarius (Pheasant's Eye Pink)**—A single hardy Pink; fringed edge, white flowers with dark centers. **Pkt., 5c.**

**1774 Double Clove Pink (Plumarius flore pleno)**—Double and semi-double varieties. Many colors; of strong clove fragrance. **Pkt., 10c.**

**1776 Cyclops Hybrids**—Superb, double-flowering red and scarlet varieties; very fragrant. **Pkt., 15c.**

Hardy Pinks are concluded on next page.

# Catalog of "True Blue" Seeds

California Poppies



## Livingston's Mixture of Hardy Garden Pinks

A magnificent strain of hardy garden pinks containing all the sorts described on preceding page and many new varieties not listed by us. Choicest single and double sorts of bright and brilliant colors make this mixture one of the most desirable for the hardy garden.

1777 Mixed—Pkt., 10c.; 3 pkts., 25c.; ½ oz., 50c.

Grass Pinks are offered on page 93.

## Dolichos (Hyacinth Bean)

A splendid annual climber, with hyacinth-like clusters of purple and white flowers, which are followed by exceedingly ornamental seed pods. Is of most rapid growth and stands summer heat well. Sow the seeds in the garden in May where the plants are to remain.

1790 "Daylight"—A splendid variety from Japan. Large snow-white Wistaria-like racemes, that are most fragrant, followed by attractive silver-white seed pods. A very showy and rapid-growing sort. Pkt., 5c.; ½ oz., 15c.

1792 Purple Soudan—A most decorative climber. The twining stems are of the most intense purple, while the beautiful spikes of bloom are of the richest shade of brilliant rose. Pkt., 5c.; ½ oz., 10c.

1794 Finest Mixed—Very choice mixture of all the best climbing varieties. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ½ lb., 50c.

A splendid New White BUSH Dolichos is offered among specialties on page 17. Be sure to try this interesting novelty.

## Echeveria (Hen and Chickens)

These plants are easily grown from seeds. Our mixture contains a great variety, both in shapes and colorings.

1797 Mixed—Pkt., 10c.; 3 pkts., 25c.

## Euphorbia

Easily grown annuals with very ornamental foliage; very fine in mixed beds.

1814 Variegated (Snow on the Mountain)—Foliage veined and margined with white. 2 feet. Pkt., 5c.

Mrs. E. H. Doescher, of Platteville, Wisconsin, writes: "I have grown flowers for fifty years, and your seeds have given me the best results of any that I have ever used."

## Eschscholtzia (California Poppies)

Most attractive annuals of the easiest culture, their flowers being very bright and showy. They are splendid for bedding, massing or ribbon-work. The plants grow bushy and about 1 foot high. They are favorites everywhere. Bloom profusely from spring sown seed. (See illustration above.)

1802 Burbank's New Crimson and Gold—A handsome new variety. The crimson flowers are charmingly splashed and shaded with a rich deep gold. One of the showiest for borders or beds. Pkt., 10c.

1804 "The Golden West"—Early and continuous bloomer. Magnificent flowers of gigantic size. Color intense shining yellow and orange. The state flower of California. Pkt., 5c.; ½ oz., 15c.

1806 Finest Double Mixed—A splendid assortment of colors. Pkt., 5c.; ½ oz., 15c.; oz., 50c.

1808 Finest Single Mixed—All the best varieties. Pkt., 5c.; oz., 25c.

1811 Bush Eschscholtzia (Hunnemannia)—A fine new perennial plant; forms a bushy shrub 2 feet high, producing large cup-shaped flowers on stems 12 inches long; of clear jonquil yellow and vivid bright orange stamens. Begins to bloom in July from spring-sown seed. Pkt., 5c.

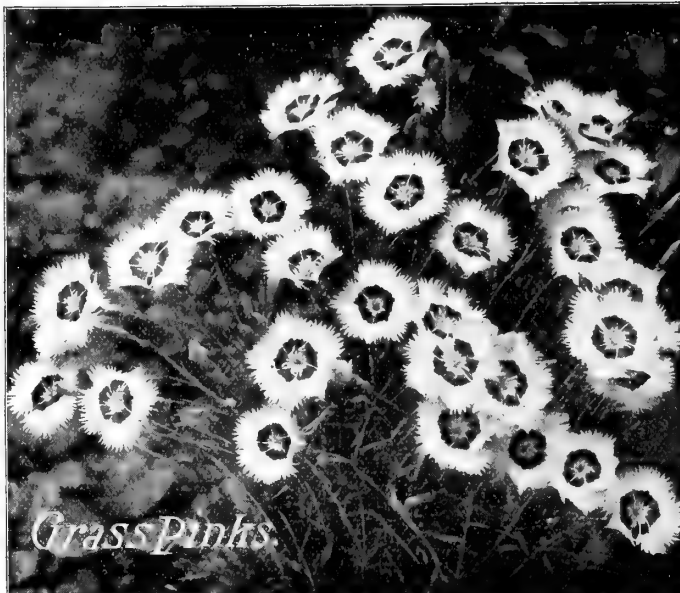
## Feverfew (Matricaria)

Free-flowering annuals about 1 foot high; very compact and bushy. Splendid for beds and borders; also fine as cut flowers or for pots. The double, white blooms are very useful in bouquets. 1824—Pkt., 10c.

## Let the Children Have a Garden

All children love flowers. Instinctively they turn to these pets of mother nature. To work with them educates and teaches children in a delicate way some of nature's working methods. The Aster collection, Nasturtiums and Sweet Peas, the collection and Wild Flower Garden on page 115 are suitable seeds for the little ones. Give them a corner in the garden where they can dig and plant.

Mrs. Geo. E. Fike, of Brookfield, Mass., writes: "Last year I purchased my flower seeds of you and I had a very pretty flower garden. Every kind I planted came true to your description, and I place so much faith in the "True Blue" seeds that this year I am sending for some Canna seeds. I never raised any from seed but shall give them a trial and will let you know the result."



Grass Pinks



## Fuchsias (Lady's Eardrops)

These well-known plants will flower the first season from seed, if started early. As house plants for winter they are always general favorites. The seed we offer is saved from a fine collection of double and single sorts.

1826 Best Sorts Mixed—Pkt., 15c.  
Four O'Clock—Marvel of Peru, page 99.  
Forget-Me-Not — See Myosotis, page 100.

## Gaillardia (Blanket Flower)

There are Annual and Perennial Gaillardias. The annual sorts bloom all summer and autumn, and are noted for the profusion, size and brilliancy of their flowers; excellent for beds and borders. The perennial varieties are grandly brilliant, and wonderfully effective in the hardy borders, their especial value being constant blooming from July until hard freezing weather. They require no winter protection, although applications of manure increase their strength. If the seed is sown early they will begin flowering at mid-summer. Both classes are splendid as cut flowers. They are of the easiest culture, doing finely anywhere. Height 2 feet.

### Annual Gaillardias

1830 Finest Single Mixed—A very fine assortment of many brilliant colors. Pkt., 5c.

1832 Finest Double Mixed (Lorenziana)—All the best double-flowering varieties in richest mixture. They bloom freely all the season. Splendid for bouquets. Pkt., 5c.

### Perennial Gaillardias

**Grandiflora Hybrids** One of our most elegant perennials; is in continuous bloom from June until frost. The enormous flowers are a magnificent combination of red and yellow. Splendid to cut for vases.

1834 Finest Mixed—Pkt., 5c.

### 1836 Grandiflora Compacta

A compact-growing variety similar in bloom to the Grandiflora Hybrids, but only grows about 15 inches high. Its flowers are of the richest colors, and the stems are long. A very fine variety. Pkt., 5c.

### 1838 Grandiflora Semi-Double

Very large flowering; same as both the preceding, except that the greater part of the flowers are semi-double. The ray florets from the center of the blooms are in two or three rows, and often tubular or broad and lacinated. Colors range from light to deep golden yellow, often tinged with wine-red. A most effective variety. Pkt., 10c.



Gaillardia Lorenziana.

## Geraniums

These popular plants are most easily raised from seed, and if started early will produce flowering plants the first summer. Start in the house and transplant to the garden as soon as the weather is warm. You will find that the varieties we offer are of very superior quality.

### Zonale Varieties

Our mixture includes the very finest varieties; many entirely new sorts may be expected.

1842 Finest Mixed—Pkt., 10c.

1843 Large-Flowering Double Varieties—Splendid strain; seed is saved from the finest double sorts. Pkt., 25c.

1844 Variegated-Leaved Sorts—Bronze, Gold, Silver and Tri-Colored foliage varieties. Elegant collection. Pkt., 15c.

1845 Lady Washington—These are the well-known rich-colored show Pelargoniums. Our mixture includes all the best varieties. Pkt., 20c.

1846 Apple-Scented—The old-fashioned favorite apple-scented Geranium. Pkt., 10c.

### Gladiolus

New and rare varieties are produced from seed. Our assortment contains an elegant variety of shades.

1850 Mixed—Pkt., 10c. Gladiolus Bulbs—See page 116.

### Godetia (Satin Flower)

An attractive and very beautiful hardy annual. In full bloom all summer, so profuse that the foliage is almost hidden by the large, wide-open flowers; of shining-satiny texture and the most delicate and brilliant colors. Our mixture contains all the best varieties. 1½ feet.

1854 Mixed—Pkt., 5c.

## Ornamental Gourds

### Livingston's Extra Fine Gourd Mixture

A splendid mixture of Gourds, including all the ornamental kinds, both large and small, of various shapes and colors, such as Japanese Nest Egg, Mock Orange, Dish Cloth, Turk's Turban, Dipper, Serpent, Bottle, Warty Gourd, Hercules' Club, and many other curious and unique varieties. Gives unlimited pleasure to both elders and children. Many odd and fantastic shapes.

1860 Mixed—Pkt., 5c.; ½ oz., 20c.; oz., 35c.

### Separate Gourd Sorts

1862 Bath-Sponge, or Dish-Cloth—A most admirable natural dish-cloth is furnished by the peculiar sponge-like lining of this fruit. Pkt., 5c.; ½ oz., 20c.; oz., 35c.

1865 Dipper—Used for dippers; 9 to 12 inches long; hold from 1 to 4 pints; will last for years. Pkt., 5c.; oz., 20c.

1867 Hercules' Club—Longest of all; white. Pkt., 5c.

1868 Japanese Nest Egg—Exactly like a hen's egg in shape, color and size. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

1871 Snake, or Serpent—Has long fruits, sometimes 5 feet, and striped like a serpent. Pkt., 10c.; 3 pkts., 25c.

1872 Sugar Trough—Holds 4 to 10 gallons; hard, thick shells; very light, strong and durable. Pkt., 5c.; oz., 15c.



Gaillardias, or Blanket Flowers. Pkt., 5c.



# Catalog of "True Blue" Seeds

## Gypsophila Paniculata (Baby's Breath)

An elegant hardy perennial plant that should be in every garden. It is not only pretty in beds, but its delicate little flowers, produced in feathery white panicles, and branching foliage lend a daintiness to bouquets that is most elegant. Its sprays are much used in making up bouquets of Sweet Peas. 1878—Pkt., 5c.

## Heliotrope

Easily raised from seeds, spring plantings giving fine summer blooming plants. As a bouquet flower always a favorite.

**1880 Lemoine's Giant Hybrids**—Grand flowers, double the size of the older sorts. Bushes compact, about 18 inches high; heads of mammoth blossoms often measure a foot across. Deliciously fragrant. Seed sown in the spring will produce flowering plants by July, which continue in flower until frost. Mixed, including purple, white, lavender and blue. Pkt., 10c.

**1882 Dark Varieties Mixed**—All best dark blue and lavender shades in mixture. Pkt., 5c.

**1884 All Sorts Mixed**—In best assortment; all shades, both light and dark. A very desirable strain. Pkt., 5c.

**Hardy Garden Heliotrope**—See *Valeriana*, page 114. Pkt., 5c.

## Hollyhocks

Hollyhocks require a rich soil, but it must be well drained. We give especial attention to this flower, and you will find our strains of seed of the finest quality. Once thoroughly established, they bloom stronger and more brilliantly every year. Seeds sown early, and the young plants several times transplanted, will bloom the same season; July and August sown seed, following year. 5 to 10 feet.



Heliotrope, Lemoine's Giant Hybrids.

## Livingston's Prize Hollyhocks

These are the largest flowering and most perfectly double Hollyhocks we have been able to produce after many years of the most painstaking selection of only the best varieties. The colors are rich and brilliant, the plants free from disease, as well as very robust and strong growers; in fact, we believe our strain to be unsurpassed in every respect. We offer several separate colors and our best mixture.

**1896 Double Black**, white edged, pkt., 10c.

**1897 Double Lemon Yellow**, pkt., 10c.

**1898 Double White**, pkt., 10c.

**1900 Double Rose Pink**, pkt., 10c.

**1901 Double Crimson**, pkt., 10c.

**1904 Double Lavender**, pkt., 10c.

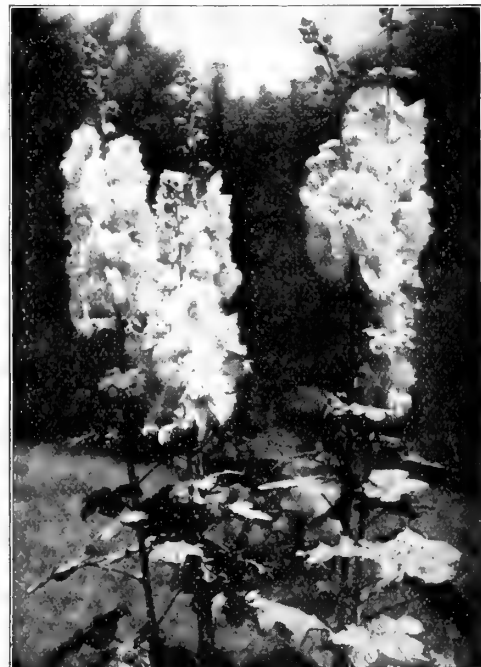
**1905 Double Salmon**, pkt., 10c.

## 1908 Livingston's Prize Mixture

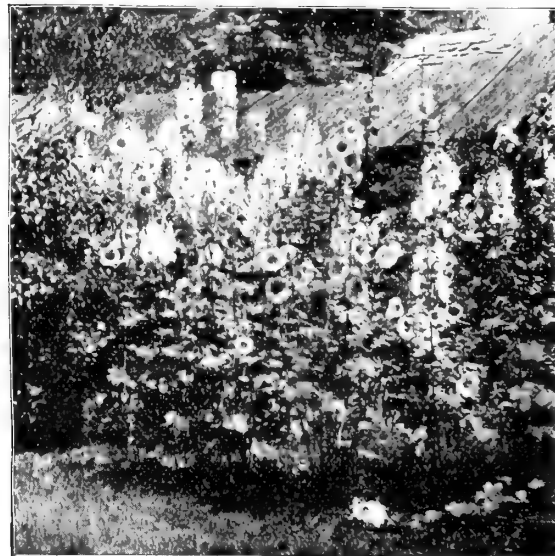
This is our best mixture. It is composed exclusively of the finest double-flowering varieties. It contains not only the above elegant colors, but also innumerable other shades. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.

## 1910 Mammoth Allegheny

Attractive variety. Its lovely arranged, fringed and transparent petals look as if they were made from the finest China silk. The individual flowers are enormous in size, and in color they range from the palest pink to deepest red. In form the flowers are double, semi-double and single. Plants are in full bloom from July until frost. Pkt., 10c.;  $\frac{1}{2}$  oz., 30c.



Livingston's Prize Hollyhocks. Pkt., 10c.



Mixed Annual Hollyhocks. Pkt., 10c.

## New Annual Everblooming Hollyhocks

These glorious new hybrids may be grown from seeds and will flower the same year as quickly as any garden annual. The plants can be treated as annuals. The seeds may be started in the house, or in hotbeds, frames, etc., in March or April. Plants transplanted by the beginning of May in the open ground will commence to flower about end of July, ten days after Hollyhocks that have been treated as biennials. Plants flower uninterruptedly until very late in season. They branch out freely and grow to a height of 10 feet.

**1913 Mixed Annual Hollyhocks**, pkt., 10c.;  $\frac{1}{2}$  oz., 40c.

**Hibiscus (Marshmallow)**—Tall growing; especially adapted to backgrounds and shrubbery borders. Of easiest culture, and bloom the entire season. Plants grow 4 to 5 feet tall.

**1890 Africanus**—A very choice annual variety. Flowers yellow, with maroon centers. Pkt., 5c.

**1892 Crimson Eye**—The beautiful white flowers, with deep crimson centers, are of immense size, often 6 to 7 inches in diameter. Perfectly hardy. (See illustration on page 97.) Pkt., 5c.

**Humulus (Japanese Hop)**—Splendid climber. Has handsome foliage, which resembles that of the Common Hop Vine. Never suffers from heat or attack of insects; easiest culture.

**1920 Japonicus**—Has bright green foliage. Pkt., 5c.

**Silver-Leaf Japanese Hop**—Unusually beautiful variety of rapid-growing summer climbing vine. Leaves deep green, beautifully striped and blotched with silvery white and gray. Will reach a height of 20 to 30 feet in three or four weeks' time. 1922—Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.

**Helichrysum** (Straw Flower)—A hardy annual of the easiest culture; one of our best "Everlasting" flowers, the dried double blooms being very handsome in winter bouquets. 2 feet.

1888 Mixed—Pkt., 5c.; 1/2 oz., 20c.

**Helianthus**—See Sunflower, page 109.

**1925 Ice Plant** (*Mesembryanthemum*)—A very pretty trailing annual that has fleshy, wax-like leaves, which have the appearance of being covered with ice crystals. Splendid for rock-work, vases or hanging baskets. Flowers are white. Start seed in the house. Pkt., 5c.

**1928 Impatiens** (*Zanzibar Balsam*)—A very pretty plant for house culture, and the garden as well. Its flowers are very rich colored. They are borne in great abundance, and the plants are continuous bloomers. Tender perennial. 2 feet. Pkt., 10c.



**Kochia Tricophylla**  
in our trial grounds.  
It makes a beautiful and symmetrical hedge.

**1930 Holstii Hybrids**—Very handsome Zanzibar Balsam recently discovered in Africa. It forms bushes 1 1/2 to 2 feet high and resembles above, but surpasses it in its quicker and more vigorous growth and its larger and brighter colored flowers. Seed sown indoors in spring will form plants ready to set out in May and will bloom continuously from June till frost. Colors, red, violet, pink and white. Mixed—Pkt., 15c.

**1932 Kenilworth Ivy**

(*Linaria Cymbalaria*)—A hardy perennial trailing plant, suitable for vases, etc. Adapted to shady locations. Easily grown from seed. Lovely little lavender and purple flowers and an exquisite foliage. Pkt., 10c.

**Kochia Tricophylla**

Summer Cypress, or Burning Bush

This splendid annual plant grows very quickly from seed sown in the open ground as soon as the weather permits in spring. The plants always make attractive globe-shaped bushes, as large sometimes as 3 feet high and 2 feet across in one season. (See illustration from photo taken in our trial grounds.) Leaves slender and of a light pea-green color until September, when they turn to carmine and blood-red; at the same time the ends of the shoots are thickly set with small bright scarlet flowers, and produce a very striking effect.

1934—Pkt., 10c.; 1/2 oz., 25c.

**The Kudzu Vine**

*Pueraria Thunbergiana*

This wonderful climber is of Japanese origin and is the most luxuriant and rapid-growing vine known in horticulture. It will grow 8 to 10 feet the first year from seed, and after becoming established will produce vines 50 feet high in a season, sometimes growing 12 inches in a single day. Produces a tuberous root which is perfectly hardy everywhere. Foliage is very luxuriant, quickly forming a dense shade. Unequaled for porches, arbors, trellises, etc.

1936—Pkt., 10c.; 3 pkts., 25c.



**Hibiscus "Crimson Eye."**

**Larkspurs (Annual Delphinium)**

These popular garden flowers have been greatly improved of late in color and size of blooms and habit of plants. Below we offer the best of the newer varieties. Hardy annual.

**Double Stock-Flowered**

These tall-growing and branching Larkspurs produce the most brilliantly beautiful spikes of double flowers; continuously in bloom all summer.

1944 Stock-Flowered Larkspur, All Colors Mixed—Pkt., 5c.

1947 Dwarf Hyacinth-Flowered—Resembles a Dutch Hyacinth in style of bloom. Our mixture includes a very fine range of colors and shades. Pkt., 5c.; 1/2 oz., 10c.

1949 Giant Hyacinth-Flowered, Tall—A superb class. The splendid flowers are very large, very double and of various beautiful colors, shadings and markings; long spikes of bloom like immense Hyacinths. Pkt., 10c.; 1/2 oz., 25c.

1951 Double Dwarf Rocket—A most choice mixture of varieties, that grow about 1 foot in height. Pkt., 5c.; 1/2 oz., 15c.

1953 Double Tall Rocket—This well-known mixture embraces the very choicest colors in the taller growing sorts. Pkt., 5c.; 1/2 oz., 15c.

Perennial Larkspurs—See Delphinium, page 92.

Lathyrus—See Hardy Sweet Pea, page 113.



**Livingston's Superb Larkspur.**

# Catalog of True Blue Seeds

## Lantana

Popular, free-blooming and very rapid-growing plants with large flower heads of various colors, which are continually changing; emit a powerful aromatic perfume, plants are completely loaded with blossoms, succeeded by berries, which, when ripe, turn deep blue. Fine Winter-blooming plants. Start seeds in the house or hot-bed. Tender perennial. 1½ feet. 1938 Mixed—Pkt., 5c.; ½ oz., 20c.

**Lavender** (*Lavendula vera*, true Lavender)—Popular sweet-scented hardy perennial; fine for mixed border. 3 feet. 1957—Pkt., 5c.; ½ oz., 15c.

## Lobelia

Exceedingly pretty, profuse blooming plants, of great value both in the garden and for hanging baskets, window boxes and vases; especially prized for edgings of beds and borders. Plants grow about 6 inches high. They are treated as annuals and are of the easiest culture.

1958 **Crystal Palace Compacta**—Best dark blue sort for edgings and carpet bedding. Pkt., 10c.; ½ oz., 50c.

1960 **Emperor William**—A brilliant, compact-growing light blue; a very fine variety. Pkt., 5c.



Legion  
of  
Honor  
Mari-  
golds



1962 **Gracilis**—Fine for hanging baskets, vases and window boxes. Light blue. A trailing variety. Pkt., 5c.

1964 **Mixed Compacta Sorts**—A very fine mixture of all the best varieties for edgings and bedding. Pkt., 5c.

**Lychnis** Few plants produce as bright flowers and bloom as continuously as Lychnis. A hardy perennial, but flowers the first season from seed if same is sown early. 2 feet.

1971 **Finest Mixed Hybrids**—Plants are compact and bushy; colors include all the most brilliant shades, from pure white to deepest red. Pkt., 5c.

## Livingston's Superb Marigolds

These old-fashioned favorites are annuals of the very easiest cultivation. Both the French and African classes are very effective; the former have the small, velvety flowers, in pretty combinations of yellow, brown, maroon and striped effects; the African sorts are the enormous flowered ones, in very showy orange and lemon shades. (See illustration.) Both kinds are most popular for beds and borders, and planted in large blocks are gorgeously attractive. They bloom profusely all summer. Start the seed early in a box in the house, or plant directly in the garden when the weather is warm. Fine as cut flowers. French sorts make nice pot plants.

## African Marigolds

1974 **Mammoth Lemon Queen**—Flowers very large; double; rich lemon color. 3 feet. Pkt., 5c.; ½ oz., 25c.

1976 **Mammoth Orange Prince**  
Enormous double blooms, of an intense, very striking orange. 3 feet. Pkt., 5c.; ½ oz., 25c.

1978 **Mammoth Tall Mixed**  
A splendid assortment of all the best shades in African Marigolds. 3 feet. Pkt., 5c.; ½ oz., 20c.; oz., 35c.

1980 **Mammoth Dwarf Mixed**  
The flowers are enormous in size, but the plants grow dwarfer. 1½ feet. Pkt., 5c.; ½ oz., 20c.; oz., 35c.

## French Marigolds

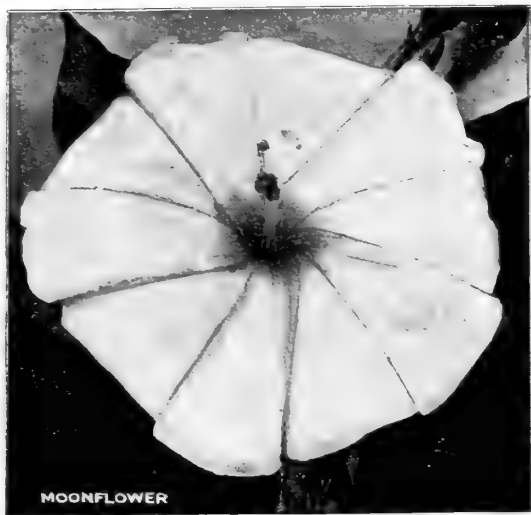
1984 **Legion of Honor (Little Brownie)** Handsome single variety, covered with a multitude of flowers. In color it is a velvety golden yellow blotched with purple. 1 foot. (See illustration above.) Pkt., 5c.; ½ oz., 20c.

1988 **Tall Double Mixed**—A splendid assortment of all the best colors in striking combinations. 2½ feet. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

1990 **Dwarf Double Mixed**—Similar mixture to No. 1980 in colors, but the plants grow much dwarfer. 1 foot. Pkt., 5c.; ½ oz., 15c.; oz., 25c.



Livingston's Superb African Marigolds.



MOONFLOWER

**2006 Golden Machtet**—A distinct variety of the above, having golden-yellow flower spikes. Very sweet and elegant. **Pkt., 10c.; ½ oz., 20c.**

**2007 Defiance**—Has immense spikes of bloom. Keeps long time after being cut, and is very fragrant. **Pkt., 5c.; ½ oz., 15c.**

**2008 Victoria Red**—An elegant sort; fine flower-spikes of the most brilliant dark-red; very sweet. **Pkt., 5c.; ½ oz., 20c.; ½ oz., 35c.**

**2009 Golden Queen**—A very compact-growing sort; flower spikes golden yellow. Fragrant and fine. **Pkt., 5c.; ½ oz., 15c.**

**2010 Parson's White**—A robust grower, bearing large spikes of bloom; pure-white, and very fragrant. **Pkt., 5c.; ½ oz., 10c.**

**2011 Sweet Mignonette (Reseda Odorata)**—The old-fashioned, deliciously sweet-scented variety. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.**

**2016 Finest Mixed Varieties**—An elegant mixture of above fine varieties, and many other choice sorts. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

## Morning Glories (Convolvulus)

**2024 Giant Imperial Japanese**—One of the most valuable and popular annual climbers introduced in years. This vastly improved strain of mammoth-flowering Morning Glories is most justly celebrated the world over for the wondrous beauty of both flowers and foliage. Magnificent in size of bloom—4 to 6 inches across. The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. Our mixture of seed of these magnificent Giant-Flowered Japanese Morning Glories is superb. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 4 oz., 75c.**

**2026 Finest Mixed Japanese**—Very choice strain; flowers large, and in greatest variety of colors and shades. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.**

**2028 Fancy Fringed Japanese**—This is a splendid mixture, made up exclusively from the best fringed varieties. The range of color is very great, and the fringed-edged blooms very beautiful. **Pkt., 10c.; ½ oz., 25c.; oz., 35c.**

**2022 Morning Glories (Convolvulus Major)**—These are the old-fashioned favorites that everybody loves. No climber is more useful, as they grow so quickly and cling to anything. Splendid mixed with other vines, especially Nasturtiums. Our mixture contains all the choicest and brightest colored sorts. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c.**

**2030 Brazilian Morning Glories (Ipomoea Setosa)**—This desirable climber makes a thick, dense growth of great lobed leaves, and is brilliant with an endless profusion of immense clusters of rosy-colored flowers, with a satiny-pink star in the center of each. **Pkt., 10c.**

### Dwarf, or Bedding Morning Glories

Beautiful and showy plants, producing an abundance of richly-colored flowers, which, in fine weather, remain open all day. Hardy annual. 1 foot.

**2036 Choice Mixed**—A very large assortment of these richly-colored favorites. **Pkt., 5c.; oz., 15c.**

## Moonflowers (Ipomoea Noctiflora)

Splendid annual climbers of most rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable.

**2038 Northern Light**—The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands, all Summer and Fall. **Pkt., 10c.**

**2040 Moonflower, White-Seeded**—The variety most generally grown, being large in flower, firm in texture, and very fragrant. It bears in greatest profusion its immense lovely white flowers, 5 to 6 inches in diameter, with a 5-pointed star in the center. **Pkt., 10c.**

**2042 Moonflower, Cross-Bred or Hybrid**—A variety of great value for the North, as it is in bloom a month earlier than the above. Flowers are pure white, large and fragrant. A very rapid grower; 20 to 40 feet. **Pkt., 10c.**

One packet each of above three Moonflowers, 25c.

Three Other Splendid Moonflowers are listed on top of next page.

## Marvel of Peru (Four O'Clocks or Mirabilis)

This old-fashioned favorite is one of our easiest grown annuals. The plants are bushy, about 2 feet high, and completely covered all Summer with large, showy, very fragrant blooms.

**1995 Variegated**—The brilliant flowers, in many colors, contrast finely with the golden-hued foliage. **Pkt., 5c.; oz., 15c.**

**1997 Finest Mixed**—An elegant assortment of these old-fashioned favorites. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.**

**Marguerites, or Paris Daisies**—See Chrysanthemums, page 90.

## Maurandya

Elegant twining, climbing plants, with handsome foliage and flowers. They bloom profusely all Summer in the garden, and are also particularly adapted for the house and conservatory. Preferred by many for the window garden in place of the Ivies.

**1999 Blue, White and Mauve, Mixed**—**Pkt., 10c.**

**Mesembryanthemum**—See Ice Plant, page 97.

## Mignonette (Reseda)

Without Mignonette in our gardens, something indeed would be missing. Its large, deliciously fragrant spikes of bloom are everyone's admiration. Make successive sowings in the garden, from April to July, for continuous bloom until frost; and if the plants are thinned out to six inches apart, and the tops pinched off when about two inches high, stronger plants, with large spikes of elegant bloom, will be the result. Height 1 to 2 feet, according to the variety.

**2001 Mammoth Red Goliath (See illustration)**—This is the ideal mignonette for garden or pot culture. Of strong, stocky growth, luxuriant rich green foliage. Branching habit; dense in length and 2½ inches in diameter. Surpasses all others in brilliancy of color. Strong, delightful fragrance. **Pkt., 10c.; ½ oz., 50c.**

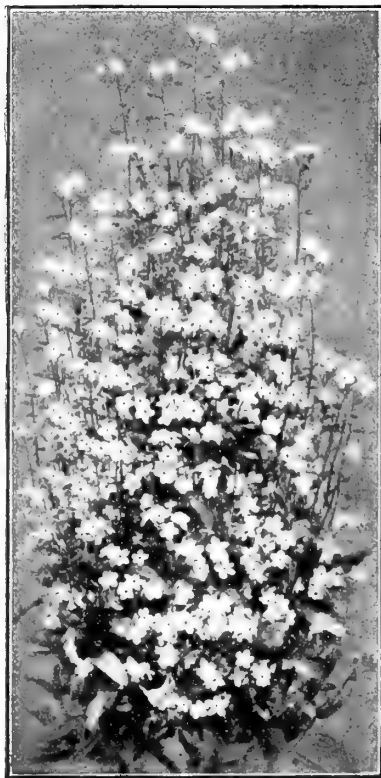
**2005 Machtet**—A very fine variety, especially for growing in pots; has large, fragrant spikes of reddish bloom. **Pkt., 5c.; ½ oz., 20c.; ½ oz., 35c.**



Mammoth Red Goliath Mignonette.



# Catalog of "True Blue" Seeds



*Myosotis Palustris.* Pkt., 10c.

## Three Other Splendid Moonflowers

- 2044 Ipomoea Coccinea (Star Ipomoea)**—Splendid climber; bears small, star-shaped, scarlet flowers, in great abundance. Pkt., 5c.  
**2045 Ipomoea Bona Nox (Evening Glory)**—A favorite climber; with very fragrant violet flowers, that open in the evening. Pkt., 5c.  
**2046 Ipomoea Rubro-Coerulea (Heavenly Blue)**—The popular climber; has immense blooms of bright sky-blue. Very fine sort. Pkt., 10c.

## Myosotis (Forget-Me-Nots)

The Forget-Me-Not is an old favorite, bearing clusters of star-shaped flowers. Succeeds best in a moist, shady situation, and blooms the first year from seed if sown early. Seed sown in autumn flowers in early spring. A hardy perennial.

- 2050 Palustris (True Forget-Me-Not)**—Beautiful blue; 6 inches. Pkt., 10c.; ½ oz., 30c.  
**2051 Alpestris**—Bright blue. Pkt., 5c.  
**2054 Semperflorens**—Splendid dwarf Forget-Me-Not; will thrive in sun or shade; covered from early to late with beautiful blue flowers. Pkt., 5c.  
**2058 Finest Mixed Varieties**—A Forget-Me-Not Mixture of all the finest sorts. Pkt., 5c.

## Mimulus (Monkey Flowers)

Very showy and free-blooming plants, having brilliant and greatly varied blooms. Fine for pots, or in the garden. They do best in rather shaded, moist situations. They bloom early from seed, and, although perennials, are treated as annuals. 1 foot.

- 2018 Tigrinus**—Striped and spotted varieties; very fine. Pkt., 10c.  
**2020 Moschatus (Musk Plant)**—Fine for hanging baskets, etc. Small yellow flowers. The foliage has a strong odor of musk. Pkt., 5c.

## Musa Ensete

**2062 Abyssinian Banana Plant**—A splendid large-leaved, palm-like plant, suitable for the open air in summer and producing a very strikingly elegant effect upon the lawn. Its rapidity of growth is astonishing. If the seeds are sown early in the house, the plants will attain a growth of 10 to 12 feet the first summer. Leaves magnificently long, broad, massive and of a beautiful bright green. Seeds very large.

Pkt. (5 seeds), 10c.

## Livingston's Top-Notch Mixture of Best Giant-Flowering Tall Nasturtiums

**A Gorgeous Mixture. Absolutely the Finest Produced**

Our wonderful strain of Giant Ever-Blooming Nasturtiums is even grander and better for 1912 than ever before. We are constantly improving and adding new varieties to this unequalled mixture. It contains all the new Giant-Flowering kinds in our **Perfection Collection** described on third cover page, together with many other grand new hybrids. A mixture positively without rival.

A wonderful diversity of rich colors and new and striking combinations are found in this unequalled mixture. A row in full bloom is truly gorgeous beyond description, containing every shade and tint of yellow, rose, scarlet, orange, carmine, violet, purple, lemon, bronze, maroon, ruby, cream and pink, both in solid colors and mottled and striped in many showy and exquisite ways.

For many years this mixture of Nasturtiums has been our special pride. Every year we have improved it, until now we unhesitatingly offer our new Giant-Flowering Nasturtiums as absolutely the **finest in the world**. We cannot praise them too highly, for we know they are sure to give unbounded satisfaction to all who try them. **They never disappoint.** We strongly recommend our customers to plant liberally and buy seed by weight.

**2100 Top Notch Mixture of New Giant-Flowering Nasturtiums**—Large packet, 10c.; oz., 15c.; ½ lb., 40c.; 1b., \$1.25, postpaid.

## New Fringed Nasturtiums

A decidedly novel and distinct new Nasturtium, with magnificent large flowers, deeply fringed. Climbing variety, reaching a height of 10 to 12 feet. Deep green foliage. A unique and beautiful variety.

**2104 Mixed Colors**—Pkt., 10c.

## Ivy-Leaved Trailing Nasturtiums

This is a most distinct variety, both in flower and foliage. The plants are of very sturdy, running growth, and the leaves, which are of a deep green, veined with silvery-white and star-like, resemble the hardy English Ivy. The flowers are intense glowing scarlet and most distinct in form, the petals being finely feathered. Especially graceful in hanging baskets, window boxes and vases.

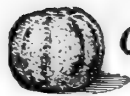
**2101 Scarlet**—Pkt., 10c.; ½ oz., 20c.; oz., 30c.

## Livingston's Perfection Collection of Best Giant-Flowering Tall Nasturtiums

is fully described on third cover page. We consider this collection the **greatest Nasturtium Offer ever made**—7 large packets of wonderfully beautiful kinds for 25 cents, postpaid. Will you turn to third cover page and look over bargains offered there?



Flowers from Our "Top-Notch" Mixture.



## New "Queen" Race of Tall Marble-Leaved Nasturtiums

This splendid new type of Nasturtiums (*Tropaeolum lobbianum*) produces fine tall plants equally as vigorous as the common tall Nasturtiums; but the leaves, which are not quite so large, are everyone beautifully marbled, striped and blotched with white, yellow and green in a most varied and pleasing manner. No two leaves are alike. The variegated foliage, combined with the different handsomely colored flowers of this new type, make a showy and effective contrast never before obtained in Nasturtiums. Everyone should try these grand new varieties.

**2107 Marble-Leaved, Queen Wilhelmina, "Rose Queen"**—This new Nasturtium originated in Holland. Foliage prettily marbled and veined. Flowers a rich rosy scarlet, making an exceedingly beautiful combination of color. Very fine. **Pkt., 10c.; 3 pkts. for 25c.**

**2108 Marble-Leaved, Queen Dowager Emma, "Crimson Queen"**—This new sort is also from Holland. It is similar to the above in respect to growth and variegated foliage. The flowers, however, are a deep rich crimson color. Vigorous, tall-growing and very free-flowering. **Pkt., 10c.; 3 pkts. for 25c.**

**2109 Marble-Leaved, Queen of Spain, "Orange Queen"**—Another exquisite member of this new race, having foliage beautifully marbled white and green, and a deep orange self-flower of great size and beauty and of unusually good substance. Exceptionally fine. **Pkt., 10c.; 3 pkts. for 25c.**

**2110 Marble-Leaved Queens, Mixed, Tall**—A very beautiful mixture, including all the above tall variegated-leaved sorts, together with several new hybrids of the Queen type, and containing six or seven splendid new colors and combinations, all with marbled foliage. **Pkt., 5c.; oz., 25c.**

### Choice Named Sorts of Tall or Climbing Nasturtiums

(*Tropaeolum majus*)

These beautiful and luxuriant climbers have no equal for covering quickly with the most brilliant flowers, trellises, arbors, stumps, fences or rustic work. Of the easiest culture, bearing their gorgeous blooms in elegant profusion until killed by the frost. Vines grow 6 to 12 feet high.

**2076 Tall French Chameleon**—This variety produces blooms of many distinct colorings upon the same plant. **Pkt., 5c.; oz., 15c.**

**2077 Dark Crimson**—Splendid variety; fine foliage. **Pkt., 5c.; oz., 10c.**

**2081 Jupiter**—Giant-flowered. Color a deep, very clear, golden yellow; of the strongest growth; profuse bloomer. **Pkt., 5c.; oz., 20c.**

**2082 Tall King Theodore**—Deep crimson-maroon, so velvety that it is almost black; has dark foliage. One of the best sorts. **Pkt., 5c.; oz., 15c.**

**2083 Tall Pearl**—Nearly white; for contrast. **Pkt., 5c.; oz., 10c.**



Specimen  
Flowers Tall  
Variegated-  
Leaved  
Nasturtiums

**2084 Regelianum**—Deep purplish violet. **Pkt., 5c.; oz., 10c.**

**2086 Scarlet**—Bright; good foliage. **Pkt., 5c.; oz., 10c.**

**2094 Mixed Tall Nasturtiums**—There is no flower of which you need seed in larger quantities for liberal planting than Tall, or Climbing Nasturtiums. For the low price, this mixture is very choice. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 1 lb., 70c.**

**Livingston's Top Notch Mixture**—See page 100.

### Lobb's Climbing Nasturtiums

(*Tropaeolum Lobbianum*)

Both foliage and flowers of this class are somewhat smaller than the Tall varieties, but the splendid profusion of bloom and the intensely brilliant colors of the flowers render them of the greatest value. 12 to 15 feet.

**2095 Lobb's Finest Mixed**

This elegant assortment of Lobb's Climbing Nasturtiums is composed of the most brilliant colors in this class. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; 1 lb., \$1.00.**

### Madame Gunther Hybrid Climbing Nasturtiums

These are of French origin, and for rich and striking colors are not surpassed by any class of climbing Nasturtiums. Very fine.

**2096 Mixed Colors**—**Pkt., 5c.; oz., 15c.; 1 lb., 50c.**

**New Giant-Flowering Dwarf Hybrid Nasturtiums**

### Glory of the Garden

These **Grand New Bedding Nasturtiums** are brilliant in the extreme. They produce in wonderful abundance large flowers of the most gorgeous hues. The colors are very intense and are all selfs. This makes a sharp diversity of color not to be found in the common mixtures, and produces a striking and brilliant effect. The plants are strong and vigorous, growing very quickly and producing erect, symmetrical bushes about 1 foot high and 1 foot across, which are literally smothered with showy blooms. The foliage is mostly dark green, but ranges on the different plants from light green to deep blue green. They begin to flower early in the summer, and, until killed by the frost, are a mass of bloom. The flowers are of good substance and rich, velvety texture. For bedding, as a border or low hedge along walks or growing as single plants, Livingston's **Glory of the Garden Nasturtiums** are of surpassing beauty. **2130 Mixed**—**Pkt., 10c.; oz., 15c.; 1 lb., 50c.**



Glory of  
the Garden  
Nasturtium.

# Catalog of "True Blue" Seeds

## Dwarf, or Tom Thumb Nasturtiums

(*Tropaeolum nanum*)

The Dwarf, or Tom Thumb Nasturtiums, grow about 1 foot in height and very compact. Are universally used for beds, borders and massing, being very readily confined to any required space. They thrive under all conditions, and always make the most glorious displays of rich and brilliant flowers.

**2133 Dwarf Chameleon**—Of brilliant shades and diversified markings; some self colored, others splashed and mottled. **Pkt., 5c.; oz., 20c.**

**2134 Empress of India**—A very compact-growing sort, having purplish-green leaves; the flowers are fiery crimson. **Pkt., 5c.; oz., 15c.**

**2135 Golden King**—A rich orange-yellow. Foliage dark. **Pkt., 5c.; oz., 15c.**

**2136 King of Tom Thumbs**—Glowing, darkest scarlet flowers. Foliage very dark green. A most rich and brilliant variety. **Pkt., 5c.; oz., 15c.**

**2137 Dwarf King Theodore**—A velvety crimson-maroon, almost black. The leaves are the darkest in Nasturtiums. **Pkt., 5c.; oz., 15c.**

## Livingston's Splendid

### Mixture of Finest Dwarf Nasturtiums

This is our best mixture of the dwarf varieties. It is composed exclusively of the most elegant, large-flowered sorts, and the brilliantly colored flowers range through every shade and tint known in this favorite annual. This seed will produce a bed or border gorgeous beyond description. **2151 Finest Mixed**—Large pkt., 10c.; oz., 15c.; 1 lb., 50c.; lb., \$1.50.

**Mixed Dwarf Nasturtiums**—We handle such large quantities of Dwarf Nasturtiums that we are able to offer this especially choice mixture at a very low price. You should plant this mixture very liberally. **2150 Choice Mixed**—**Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 80c.**

## Nicotiana

(Sweet-Scented Tobacco Plant)

Handsome and well-known hardy annuals that grow easily from seed, forming compact bushes about 3 feet high, which are in continuous bloom throughout the season. Their blooms are tube-shaped, very sweet scented, and desirable as cut flowers; also fine for pots.

**2158 Affinis**—A very popular sort; its flowers are pure white and deliciously fragrant. Always in bloom. **Pkt., 5c.**

**2160 Sanderae**—This beautiful hybrid Nicotiana forms bushy, much-branched plants 2 feet high, the whole plant laden with flowers from base to summit—literally ablaze with handsome carmine-red fragrant blossoms, hundreds of which are produced on a single plant. **Pkt., 10c.**

## Nigella

(Love-in-a-Mist)

(See illustration from our own photo)

A very popular, old-fashioned flower; free-flowering, with finely-cut foliage surrounding the curious looking flowers and seed pods. Easily grown from seed.

**2163 Mixed**—**Pkt., 5c.; 1/2 oz., 10c.**



Specimen Plant Dwarf Variegated Leaved Nasturtium.

## New Dwarf Marble-Leaved Nasturtiums

### "Tom Thumb Queens"

These new, very showy and distinct dwarf Nasturtiums are of compact bush form, 9 inches in height and of about the same diameter. The leaves, which grow very close together, are of a light green color, prettily marbled and variegated with silvery-white. The flowers are very brilliant and show in splendid contrast against the silver and green background. A unique and pretty plant, sure to delight all lovers of Nasturtiums. Finely adapted for the border.

**Dwarf "Crimson Queen"**—An exact counterpart of the tall Marble-Leaved Dowager Queen Emma in color of foliage and flower, but making a small, dense bush. The foliage looks as if sprinkled with silvery powder. The flowers are very rich in color and stand out in strong contrast. **2120—Pkt., 10c.; 3 pkts. for 25c.**

**Dwarf "Orange Queen"**—A very beautiful and charming sort of this new race, having every leaf variegated and marbled with white. Large, fine flowers of pure rich orange. **2121—Pkt., 10c.; 3 pkts. for 25c.**

**Dwarf "Rose Queen"**—Considered at our trials the most beautiful of all the Tom Thumb Queens. Charming mottled foliage. Handsome bright rose-flowers. A most distinct and charming novelty. **2122—Pkt., 10c.; 3 pkts. for 25c.**

### Dwarf Queen Nasturtiums Mixed

A gorgeous mixture of all the dwarf or Tom Thumb varieties of the Marble-Leaved Queen Nasturtiums. Containing not only the above distinct sorts, but several other new hybrids not yet sufficiently "fixed" in color to offer separately. **2123—Pkt., 5c.; oz., 25c.**

### Dwarf Liliput Nasturtiums

This charming and distinct new class has very small flowers and leaves. In growth it is very compact, bushy and dwarf, being more so in both respects than the Dwarf Nasturtiums. In colors they are most varied and rich. **2152 Mixed—Pkt., 5c.; oz., 20c.**

### New Liliput Hybrids Queen of Holland

A dainty new type of very dwarf growth, making fine compact little bushes only about 6 inches high. The flowers, although smaller than the regular Nasturtium, are very brilliant in color and are produced in a wonderful variety of shades and combinations, including cream, rose, scarlet, orange, crimson—all beautifully blotched. **2131 Mixed Colors—Pkt., 10c.**

### Ornamental Grasses

Effective and attractive for garden borders and ornamental groups. Also extensively used when dried for winter bouquets.

**1660 Coix Lachrymæ (Job's Tears)**—Beautiful variety. Has corn-like leaves, and hard, glossy gray colored seeds, which naturally have a hole in them like beads. 2 feet. **Pkt., 5c.; oz., 10c.; 2 oz. (enough for a chain), 15c.; 1 lb., 25c.; lb., 75c.**

**2170 Eulalia Zebrina (Zebra Grass)**—The long dark green leaves are beautifully striped with yellowish white. Perennial. 5 feet high. **Pkt., 10c.**

**2171 Purple Fountain Grass (Pennisetum)**—Beautiful and graceful; is unequaled as an edging to tall-growing plants. Annual. 3 feet. **Pkt., 5c.**

**2172 Mixed Annual Varieties Ornamental Grasses—Pkt., 5c.**



Nigella—Love-in-a-Mist.



Grown and Sold by

The Livingston Seed Co. Columbus Ohio



Specimen Flowers, Livingston's Fancy Pansy Mixture.

## Livingston's Mammoth Pansies

Our Pansy seeds are grown exclusively for us by the best American and European Specialists. All our strains are from the most noted seed stocks in the world, and we know they cannot fail to give the most unbounded satisfaction to amateur and professional grower alike. Sow in the house, hot-bed, or greenhouse; or as soon as the weather permits, the seed may be sown directly in the garden beds. Pansies thrive best in a rich soil, and cool, moist situation; they do splendidly in partially shaded places. They do not do well under trees, but in some locations where the sun strikes only part of each day the most satisfactory result can be obtained. Seed sown from July to September and the young plants transplanted into cold-frames for the Winter, will bloom grandly very early the following Spring. (Prices by the ounce or larger quantities will be quoted upon application.) Free to our customers, leaflet on the culture of Pansies.

### Our Popular Giant-Flowering Pansy Mixtures

#### 2177 Livingston's Giant Pansy Mixture

This splendid mixture is a blended combination of giant-flowering pansies. It contains all colors and will prove a delightful surprise in regard to their great size. **2177 Giant Mixture—Pkt., 10c.; 3 pkts. for 25c.; 1/2 oz., 50c.; oz., \$2.50.**

#### 2179 Exquisite Orchid-Flowered Pansies

All the delicate shades and tints of the Orchids may be found in these charmingly pretty favorites. Rose, orange, pink, lilac, terra cotta, chamois and other exquisite shades are predominant and please all lovers of the delicate by their refined form and texture. Orchid-flowered Pansies are not as large as some of our Giant strains; but they will appeal by their exquisite coloring and the elegant shape of their flowers. **All Shades Mixed, pkt., 10c.**

#### 2175 Livingston's Fancy Pansy Mixtures

In this magnificent mixture of mammoth-flowering pansies the blossoms are borne on long stems well above the foliage and are distinguished for their gorgeous and varied colorings and beautiful markings; of fine substance, velvety texture, perfect form, and giant size, frequently measuring three inches in diameter. The colorings are wonderfully rich and varied; every shade and tint of rose, canary-yellow, black, white, cream, lavender, garnet, sky-blue and orange are produced in endless variation. An unequalled collection of all the finest types. The best, handsomest, and most perfect giant-flowering varieties. **2175 Fancy Mixture—Pkt., 25c.; 3 pkts., 60c.; 1/2 oz., \$1.25.**

**2181 Giant Ruffled Masterpiece (Germania)**—A remarkable type, the border of each petal being conspicuously curled and undulated, which gives the flower a double or globular appearance. The large blooms are beautifully blotched. **Pkt., 15c.; 2 pkts for 25c.**

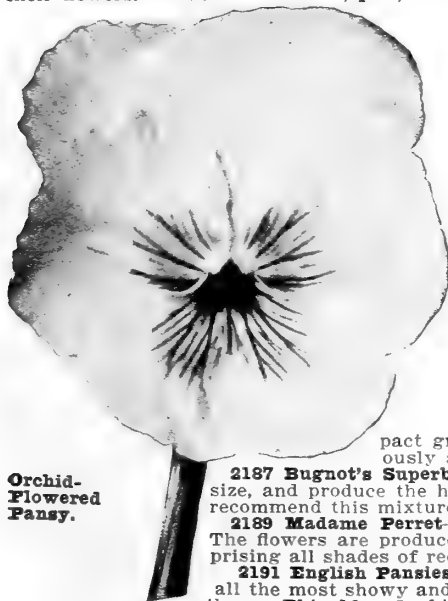
**2183 Mammoth Parisian Pansies**—The French Pansies are large, and strongly marked and blotched; in a word, they are very attractively "Frenchy." The strain we offer is one of great excellence, the individual flowers being superb, and include many fine shades. **Pkt., 10c.; 3 pkts. for 25c.**

**2185 Giant German Pansies**—The German Pansies are noted for their almost endless variations, which include striped, blotched bordered, veined, and marbled combination, in every possible color and shade. The plants are of compact growth, and flower most profusely and continuously all Summer. **Pkt., 10c.; 3 pkts. for 25c.**

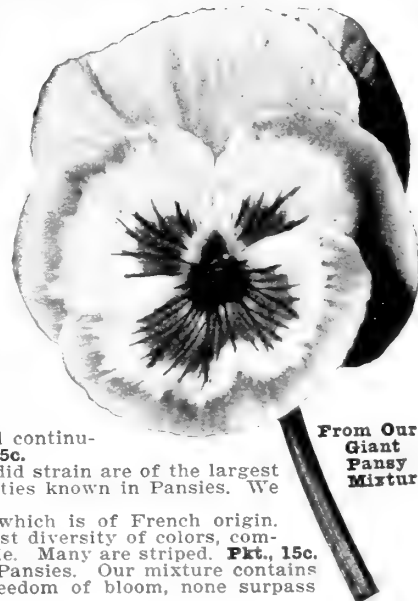
**2187 Bugnot's Superb Blotched**—The flowers of this splendid strain are of the largest size, and produce the handsomest and richest blotched varieties known in Pansies. We recommend this mixture. **Pkt., 20c.; 3 pkts. for 50c.**

**2189 Madame Perret**—A splendid giant-flowering strain, which is of French origin. The flowers are produced most freely, and are of the greatest diversity of colors, comprising all shades of red, from lightest rose to darkest purple. Many are striped. **Pkt., 15c.**

**2191 English Pansies**—The old-fashioned "English Face" Pansies. Our mixture contains all the most showy and distinctly marked varieties. For freedom of bloom, none surpass them. **Pkt., 10c.; 3 pkts. for 25c.**



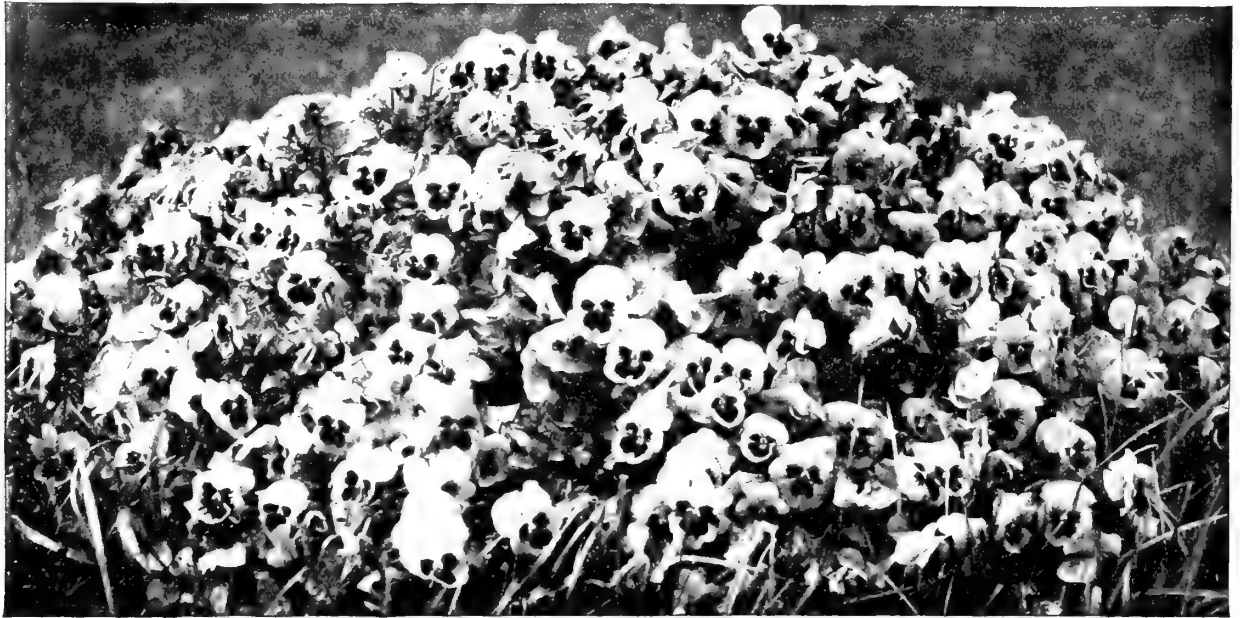
Orchid-Flowered Pansy.



From Our Giant Fancy Mixture



# Catalog of "True Blue" Seeds



## Best Strains of Pansies, Continued

### Bedding Pansies in Separate Colors

For liberal plantings in the garden beds these fine sorts are the most desirable. The plants grow compactly, bushy, and bloom continuously. The following separate colors, 5c. per packet; 6 packets, 25c.

- |                    |                      |                          |
|--------------------|----------------------|--------------------------|
| 2210 Azure Blue    | 2215 Dark Red        | 2220 Pure Yellow         |
| 2211 Black         | 2216 Light Blue      | 2221 Violet, Wh. Margin  |
| 2212 Bright Brown  | 2217 Mahogany        | 2222 White, Blk. Center  |
| 2213 Brilliant Red | 2218 Pure White      | 2223 Yellow, Blk. Center |
| 2214 Dark Purple   | 2219 Purplish Violet | 2224 Rosy Lilac          |

Collection one each of the above 15 Bedding Pansies, 50c.

### 2225 Bedding Pansies Mixed

We have taken much pains in composing this mixture and it will make a rich display. Contains all the fine Bedding Pansies named above. 2225 Mixed—Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

2230 Tufted Pansies—Especially adapted for shady places. While the flowers are not so large as in the other varieties of Pansies, their abundance is wonderful, and colors most varied. Hardy. Pkt., 10c.; 3 pkts. for 25c.

### Best Strains of Giant Mixed Pansies

2205 Giant Trimardeau, Mixed—These are the largest flowered of all; a most showy class, of robust and very compact growth. The flowers are carried well above the leaves. Mixture of finest colors. Pkt., 10c.; 3 pkts. for 25c.;  $\frac{1}{2}$  oz., 40c.

### Giant Trimardeau Separate Colors

- |                             |                                 |      |
|-----------------------------|---------------------------------|------|
| 2194 Gt. Atropurpurea (Bex) | —Velvety, royal purple.         | 10c. |
| 2195 Gt. Emperor William    | —Indigo blue, blotched, black.  | 10c. |
| 2196 Gt. Golden Queen       | —Pure golden-yellow. Very fine. | 10c. |
| 2197 Gt. King of the Blacks | —Lustrous jet-black.            | 10c. |
| 2198 Gt. Lord Beaconsfield  | —Lavender, heliotrope, purple.  | 10c. |
| 2199 Gt. Peacock (Gloriosa) | —Garnet, cream and blue.        | 10c. |
| 2200 Gt. President Carnot   | —White, large violet blotches.  | 10c. |
| 2201 Gt. Snow-Flake         | —Spotless, snow-white           | 10c. |

### Our "Giant Six" Pansy Collection

This collection contains one packet (100 seeds) each of the following elegant varieties: Giant Red, Giant White, Giant Blue, Giant Purple, Giant Yellow and Giant Black. 6 packets in all for 25c.

## Annual Phloxes

For splendid mass of color and a constant display, the Phlox Drummondii is not excelled by any other Annual. (See illustration below.) It has every desirable quality for this purpose and for beds, edgings and massing nothing can surpass it.

Seed may be sown in the open ground any time after danger from frost is past.

Phlox Drummondii—The old-fashioned favorite variety. 2265 Mixed—Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 50c.

### Large-Flowering Phloxes

This is a magnificent class of these splendid Annuals. The flowers are large and brilliant in colors.

2269 Bright Rose—Most pleasing color; a profuse bloomer. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.

2270 Brilliant Scarlet—Especially showy in large beds or borders. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.

2271 Crimson—Popular sort; very brilliant and effective. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.

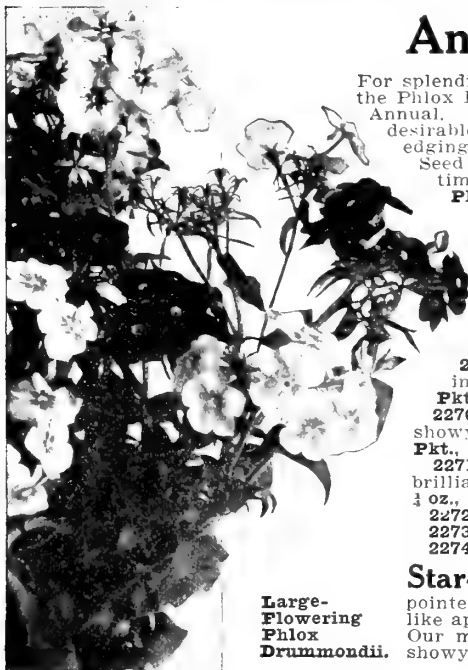
2272 Deep Blood-Red—Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.

2273 Pure White—Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.

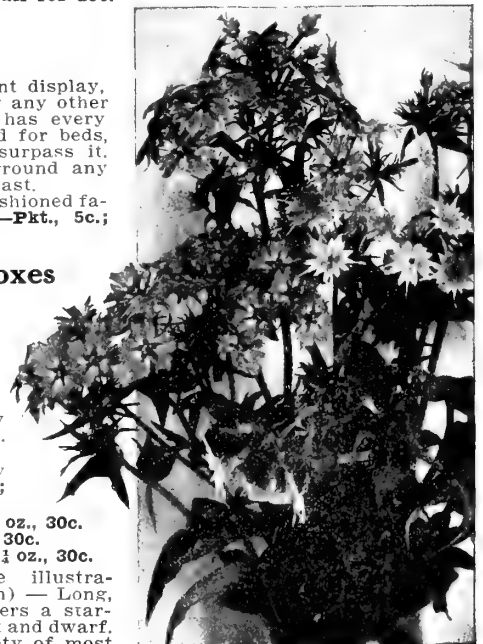
2274 Yellow—Distinct. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.

### Star-Shaped Phloxes (See illustration)

—Long, pointed petals, which give the flowers a star-like appearance; plants grow compact and dwarf. Our mixture contains a great variety of most showy colors. 2278 Mixed—Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.



Large-Flowering Phlox Drummondii.



Star-Shaped Phlox.



Phloxes are among our showiest Annuals. They grow and bloom for everybody.

Field of Livingston's Prize Mixture Large-Flowering Annual Phlox at the "True Blue" Seed Farm.

### Livingston's Prize Mixture of Large Flowering Annual Phloxes

(See illustration of field above)

A magnificent mixture of all the richest colors and shades in the large-flowering varieties. Seed offered is choicest home-grown, and of the best quality procurable. **2267—Large pkt., 10c.; 1 oz., 25c.; 1/2 oz., 40c.; oz., 75c.**

**Dwarf Phloxes** This class is of Dwarf habit, growing about 6 inches in height, and is very compactly bushy. Fine for pots and ribbon beds.

**2280 Snowball**—In full bloom it resembles a snowball. **Pkt., 10c.**

**2282 Fireball**—Strikingly brilliant red; very fine. **Pkt., 10c.**

**2284 Dwarf Mixed Phloxes**—An elegant mixture of all the best varieties. **Pkt., 10c.; 1/2 oz., 25c.**

**Double Phloxes** Very desirable for cut flowers, as they last much longer than the single varieties. Flowers double and semi-double. Grow in light, sandy soil to produce the best flowers.

**2286 Double Dark Red**—Brilliant; best double sort. **Pkt., 10c.**

**2288 Double Pure White**—A profuse bloomer. **Pkt., 10c.**

**2292 Double Mixed**—Choice mixture of all best colors. **Pkt., 10c.**

## Livingston's Superb Petunias

Petunias are of the easiest cultivation and the freest bloomers of all our Annuals. They will succeed finely anywhere and give a constant supply of the richest and most brilliant flowers from the earliest summer until hard frosts. As house plants they are unsurpassed; in fact, no flower is more popular and satisfactory for garden beds or the window garden. They do splendidly sown in the open border in spring, or earlier in a cold-frame or hotbed and transplanted eight inches apart. By the latter process the plants will come into bloom much earlier. Height 1 to 1 1/2 feet.

### Large-Flowering Petunias

The blooms are enormous in size and of the richest colors and markings. Varieties listed below are unsurpassed.

**2240 Livingston's Superb Single Mixed**—A strain of incomparable beauty and luxuriance. Flowers most varied in colors and markings; beautifully ruffled, fringed and of enormous size. **Pkt., 15c.; 2 pkts. for 25c.**

**2242 Giants of California**—These Petunias are of great beauty and luxuriance, including fringed and deep-throated sorts in endless variety of colors, veinings and markings. Flowers of enormous size. **Pkt., 15c.; 2 pkts. for 25c.**

**2244 Ruffled Giants**—The flowers of this strain are of extraordinary size and great substance; the edges of the blooms ruffled. Contains the greatest variety of rare colors and combinations. **Pkt., 25c.**

**2246 Livingston's Superb Double Mixed**—Our best mixture of all the large-flowering double varieties, including striped, blotched and fringed sorts. **Pkt., 25c.**

### Bedding Petunias

**2250 Howard's Star-Shaped**—Entirely distinct. The five-petaled blooms have star-shaped markings of blush-pink or white over the maroon ground; very fine. **Pkt., 5c.**

**2252 General Dodds**—A very fine blood-red variety; grows compactly; very free-flowering. Splendid for beds and borders. **Pkt., 5c.**

**2254 Snowball**—A charming, compact-growing variety; grows about 8 inches high and yields in greatest profusion all the season its pure satiny-white flowers. **Pkt., 10c.**

**2256 Striped and Blotched**—A most beautiful strain of Petunias for bedding and massing. Our mixture contains an endless variety of colors. **Pkt., 5c.; 1/2 oz., 20c.; 1 oz., 35c.**

**2258 Finest Mixed**—A choice mixture of colors and shades; will make a fine display in your garden. **Pkt., 5c.; 1/2 oz., 20c.; 1 oz., 35c.**



2258 Finest Mixed Bedding Petunias. Pkt., 5c.

# Catalog of "True Blue" Seeds



## Livingston's Exquisite Poppies

The recent development of these old-fashioned flowers has brought them into great and deserved popularity. No flower in our garden affords a more pleasing display of gorgeously brilliant coloring during the blooming season. Poppies of the various varieties grow about 2 feet in height, except as noted.

### Double Annual Poppies

**2300 Paeony Flowered**—Large, showy double globular flowers; almost equal to Paeonies. Our mixture contains the finest colors. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.**

**2302 White Swan**—Pure snow-white, double and large size. Beautifully fringed. **Pkt., 5c.**

**2304 American Flag**—Very beautiful variety. Flowers extra large and double. Snow-white, bordered with scarlet. **Pkt., 5c.**

**2306 Fairy Blush**—Immense flowers, perfectly double, 5 inches across; elegantly fringed; pure white, rose-tipped petals. **Pkt., 5c.**

**2308 Carnation Flowered**—Splendid large double flowers; showy and beautifully fringed. Mixture is unequalled for dazzling richness and great variety of colors. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**2310 "Mikado" (The Striped Japanese Poppy)**—Very distinct and beautiful; the large blooms are brilliant scarlet and white, with elegantly curved and fringed petals. **Pkt., 5c.; ½ oz., 10c.**

### Livingston's Giant Double Mixed Poppies

A dazzling mixture of beautiful double Poppies, including only the improved double, giant-flowering kinds of the richest and brightest colors, as well as the daintiest and softest tints. When grown in masses, it is brilliant beyond description. The plants are sturdy, thrifty growers, from 2 to 3 feet high, producing immense flowers, sometimes 4 inches in diameter. Some have fringed edges, while others have broad, round petals. The variety of color is truly wonderful, including as it does the most gorgeous shades—striped, blended and rayed in innumerable tints, down to purest white. Sow the seeds in the early spring in sandy soil where they are to remain. (See illustration.)

**2311 Mixed**—**Pkt., 5c.; oz., 35c.**

### Let the Children Have a Garden

All children love flowers. To work with them educates and teaches nature's working methods. The Aster collection, page 84; Nasturtiums and Sweet Peas, the collection and Wild Flower Garden on page 115 are suitable seeds for the little ones. Give them a corner in the garden, where they can dig and plant.

### Single Annual Poppies

**2316 Livingston's Giant Shirley Poppies**—These are considered by many the most charming Poppies in cultivation. The individual flowers are large and elegant, mostly single blooms, some semi-double and double ones, often measuring from 3 to 4 inches across. The petals are fluted and crinkled and in the sun appear like crumpled satin (see illustration above.) The exquisite colors range from purest white to the deepest of blood-red, through all the shades and combinations of pink, rose, crimson and carmine. **Pkt., 5c.; ½ oz., 20c.; oz., 60c.**

**2318 Dwarf Shirley**—Identical with Livingston's Giant Shirley Poppies, except they grow dwarf—not exceeding 18 inches in height. Splendid for beds and borders. **Pkt., 5c.; ½ oz., 20c.**

**2321 Danebrog (Danish Cross)**—A very showy single variety; brilliant scarlet, blotched with silvery gray. **Pkt., 5c.**

**2323 Tulip Poppies**—Large and splendid single flowers of the most dazzling scarlet. The two outer petals resemble a saucer, in which are set two erect petals of the same color. **Pkt., 5c.; ½ oz., 20c.**

**2325 New Admiral Poppy**—Of surprising beauty. Large, round, smooth edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top. **Pkt., 10c.**

**2327 Livingston's Single Poppy Mixture**—Every color ever seen in Poppies, and every conceivable combination of colors is found in this elegant mixture. **Pkt., 5c.; ½ oz., 20c.; oz., 35c.**

### Perennial Poppies

There are no flowers more ornamental and useful in our gardens than the various varieties of hardy Poppies. Once started they increase in size and beauty each succeeding season.

**2330 Iceland Poppies (Papaver nudicaule)**—These Poppies are perfectly hardy and in bloom from June until frost; beautifully crushed, satin-like flowers, of every conceivable shade of yellow, white and orange-scarlet. Plants grow about 12 inches high, forming tufts, from which the flower stems issue most profusely. Very useful for cut flowers. Easy to grow. **Pkt., 10c.; ½ oz., 15c.; oz., \$1.00.**

**2332 Double Mixed Iceland Poppies**—This splendid mixture of double-flowering varieties you will find very superior; best sorts only are included in this assortment. **Pkt., 10c.; 3 pkts., 25c.**



GIANT DOUBLE POPPIES



### 2333 The Large Oriental Poppy

Perhaps the most popular variety in cultivation, the sturdy plants growing about 3 feet high. Its color, a dazzling scarlet with coal-black blotches, is grand. For gorgeous effect, nothing can equal them in perfectly hardy plants. **Pkt., 10c.; 1/2 oz., 20c.; 1 oz., 35c.**

**2335 Oriental Hybrids**—Splendid hybrids of Oriental Poppy. Enormous flowers, sometimes more than six inches in diameter. Colors include shades of cherry, salmon, darkest red, vivid crimson and innumerable others equally fine. Our mixture contains them all. **Pkt., 10c.; 1/2 oz., 25c.; 1 oz., 45c.**

**2336 Trilby**—This is one of the most beautiful varieties of the Oriental type. The blooms are of the largest size, and they are produced in great abundance. The color is salmon-pink. **Pkt., 10c.**

### Phaseolus Multiflorus Papilio

**2262 New Butterfly Bean**—A splendid climbing plant for arbors and trellises equal to the old Scarlet Runner sort as regards productiveness and quality of fruit, but quite distinct in the beauty of its flowers. The flowers are of large size with prettily waved snowy-white wings and salmon-rose standard, these two colors making a most agreeable and striking contrast. **Pkt., 10c.; 3 pkts. for 25c.**

### Portulaca (Sun Plant)

Should be sown in every garden. Scarcely any Annual in cultivation makes such dazzling display of beauty as a bed of highly-colored, many-hued Portulacas. In bloom from July until frost. Plant in dry sandy soil in the garden as soon as it becomes warm. Let the bed have full exposure to the sun and withhold water after the plants appear. Stands any amount of dry weather. Blooms of double varieties are about one and one-half inches across, of many colors, and remain open all day. The plants grow about 6 inches in height.

#### 2340 Large-Flowered Single Mixed

A most elegant mixture; flowers large and of every shade of color. **Pkt., 5c.; 1/2 oz., 20c.; oz., 60c.**

#### 2342 Rose-Flowered Portulacas

See illustration of rows in our trial gardens. From this assortment more than one-half of the plants will produce magnificent double flowers; these plants can be transplanted 8 inches apart as soon as they bloom, thus making an entire bed of double bloom. Our mixture contains all best double varieties. **Pkt., 10c.; 1/2 oz., 75c.**



Oriental Poppies.

### Platycodon Grandiflora (Chinese Bell-Flower)

A splendid hardy perennial, producing large bell-shaped white and blue flowers, very showy.

**2297 Mixed**—**Pkt., 5c.; 1/2 oz., 25c.**

### Pyrethrum (Feverfew)

Most attractive hardy Perennials, which have become very popular. Valuable border plants with many stems about two feet high, each surmounted with handsome flowers, in the brightest shades of rose, flesh-pink, crimson, etc.; in bloom a long time, and are splendid as cut-flowers. (See also **Feverfew**.)

**2362 Double Hybrids**—This mixture contains the very largest flowering and choicest double varieties. **Pkt., 15c.**

**2364 Golden Feather (Aureum)**—Dwarf-growing variety, with bright yellow foliage; largely used for edgings and ribbon work. Usually treated as an Annual. 1/2 feet. **Pkt., 5c.; 1/2 oz., 20c.**

### Large Flowering Primulas (Primroses)

The ease with which Primroses can be grown from seed makes them very popular window-plants. For a succession of blooming plants sow the seed from March to May, and again in July or August; in planting, cover the seed lightly, and keep moist. Transplant

plants as they grow and increase in size. Height, 1/2 to 1 foot.

**2346 Chinese Primrose—Superb Single Mixed**—An elegant mixture, embracing all the best large-flowering varieties, and including the finest fringed sorts. **Pkt., 25c.**

**2348 Chinese Primrose—Superb Double Mixed**—Splendid strain of the finest large-flowering, fringed varieties. Our mixture includes all the most brilliant colors. **Pkt., 25c.**

**2350 Chinese Primrose—Choice Mixed**—This is a very choice mixture, and for general purposes will be found most satisfactory. **Pkt., 15c.**

**2352 Obconica Grandiflora—Large-Flowering Hybrids**—A lovely and profuse blooming Primrose, bearing on long stems large heads of beautiful flowers; white, tinged lilac and rose shades; an ever-blooming variety with true Primrose fragrance. **Pkt., 10c.**

**2354 Japonica (Japanese Primrose)**—Very bright and showy flowers, borne in whorls on stems 6 to 9 inches long. Hardy with slight protection. Choicest colors. **Pkt., 10c.**



Bed of Portulaca.



# Catalog of "True Blue" Seeds

## Ricinus (Castor Oil Bean)

One of our best ornamental-leaved annual plants, largely used for the center of beds, being splendidly effective grouped with Cannas, Caladiums, and other tall plants.

**2370 Zanzibariensis**—A new and distinct class, surpassing in size and beauty all varieties hitherto known. Plants attain great dimensions—12 to 14 feet. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.**

**2371 Borboniensis** Very large and most showy green foliage; a standard variety. 10 to 15 feet. **Pkt., 5c.; oz., 10c.**

**2372 Cambodgensis**—Main stem and leaf-stalks shining ebony-black; leaves large and brilliantly colored. Foliage assumes various shades. 5 feet. **Pkt., 5c.; oz., 15c.**

**2373 Gibsoni**—Compact-growing variety of branching habit. The large leaves are a deep red. 5 feet. **Pkt., 5c.; oz., 10c.**

**2374 Philippinensis**—A variety from the Philippines, with beautiful and gigantic leaves. 10 feet. **Pkt., 5c.; oz., 10c.**

**2377 Livingston's Ricinus Mixture**—Appreciating fully the splendid effects that a fine array of these desirable foliage plants will make in your garden, we have composed a mixture that for elegant blending is unsurpassed. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.**



Ricinus. Pkt., 5c.

## Roses

(Bloom the First Year From Seed)

**2380 Baby Roses**, also called **Dwarf Midget**, or **Fairy Roses**—These beautiful little roses are borne in many flower clusters of double, semi-double and single flowers and are of all the tints of other roses. Seed should be soaked in warm water a day or two before planting; perfectly hardy, blooming year after year. **Pkt., (50 seeds), 10c.; 3 pkts., 25c.**

## Salpiglossis (Painted Tongue)

The Salpiglossis is one of the most popular and favorite annuals. It is of the easiest culture. Especially is it noted for its beautiful, almost orchid-like blooms. Our mixture is unsurpassed containing every desirable color and shade of the large-flowering varieties.  $1\frac{1}{2}$  feet. **2400 Mixed—Pkt., 5c.**

**3 Superb New Varieties**

**2401 Brown and Golden Yellow**—Rich velvety color, with beautiful veinings that furnish a delightful contrast. **Pkt., 10c.**

**2402 Light Blue and Golden Yellow**—A most harmonious color combination. **Pkt., 10c.**

**2403 Furlish Brown veined Golden Yellow**—Handsome to the extreme. The exquisite coloring is beautiful. **Pkt., 10c.**

## Salvia (Flowering Sage)

Very ornamental plants, for summer and autumn flowering; bloom in spikes, and continuing to bloom in the open ground until hard frosts, forming compact bushes, which are literally ablaze with brilliant flowers. While tender perennials, they bloom like annuals the first season from seed. The plants may be started in a box in the house, or in the hotbed, and when the weather becomes warm transplant in the garden. Height 2 to 3 feet. (See illustration.) May be used as a hedge with striking effect.

**2384 Splendens Grandiflora (Scarlet Sage)**—Gorgeous plants, numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Continues to flower profusely all summer and fall. Of easy growth. The most popular Salvia in cultivation. **Pkt., 10c.; 1/2 oz., 25c.**

**2386 Bonfire**—Plants form healthy bushes about 2 feet high by 2 feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest sorts. **Pkt., 10c.; 1/2 oz., 50c.**

**2388 Silverspot**—Strikingly handsome spotted foliage. Leaves rich, soft dark green, with light yellowish spots of various size sprinkled over them, and have a fresh, healthy appearance. Flowers are large, bright red; plants of neat, compact habit. Comes quite true from seed. **Pkt., 10c.**

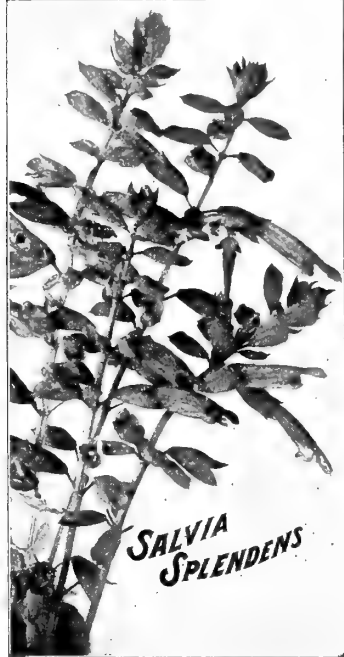
**2390 Scarlet Dragon**—A magnificent free-growing new variety, forming dense, bushy plants, 3 feet high; with clean, light green foliage, and bearing innumerable mammoth spikes of vivid carmine scarlet flowers of extra large size. Splendid for borders, beds and masses, as it is always in bloom and vividly gay. **Pkt., 10c.**

**2392 Goldspot**—Leaves bright green, blotched with golden yellow; erect growth, 20 inches high; large scarlet flowers, and lavishly borne. **Pkt., 10c.**

**2394 Coccinea Lactea**—A fine, pure white flowering variety. **Pkt., 5c.**

**2396 Patens**—Beautiful bright blue. **Pkt., 10c.**

**2398 Zurich**—Compact growing sort, forming handsome, symmetrical bushes, 15 to 18 inches tall, which are completely covered with scarlet flower spikes. A little beauty. **Pkt., 10c.**



Salpiglossis, or Painted Tongue.



## Scabiosa

(Sweet Scabiosa, Mourning Bride, Pin-Cushion Flower, Egyptian Rose, etc.)

While many plant yearly a bed or border of Scabiosas, there are thousands of gardens where this splendid annual is unknown. It is to bring them forcibly to your attention that we place these beautiful Scabiosas so prominently before you. They are of the easiest culture. The seed can be sown any time in the spring after danger from frost is past. The plants grow about 2½ feet high, and come into bloom early in July, continuing without interruption until the hard frosts of autumn. The exquisite double flowers (see illustration) are borne on very long stem, and when cut keep in perfect condition for the best part of a week. They make most effective borders or beds, and no garden can be considered complete without Scabiosas where many flowers are wanted for cutting.

**2404 Livingston's Improved Large-Flowering Scabiosas, Finest Mixed Colors**—A very fine mixture, containing all the finest large-flowering double sorts. All colors. Pkt., 5c.; oz., 30c.

**2406 Azure Fairy**—Exquisite sky-blue. Pkt., 10c.

**2408 Fiery Red**—Very striking; double; fiery scarlet. Pkt., 5c.

**2410 Black Prince**—Very large; double; almost black. Pkt., 5c.

**2412 Snowball**—Double white flowers; fine for bouquets. Pkt., 5c.

**2414 Golden Yellow**—A very fine color. Pkt., 5c.

**2430 Sensitive Plant** A pretty and curious annual plant; the leaves and foot-stalks close and droop at the slightest touch, or in cloudy, damp weather. 1½ ft. Pkt., 5c.

## Shasta Daisies

A hardy perennial plant; blooms more abundantly each season; multiplied by division of roots or sowing seed. They bloom for several months in great abundance. The flowers are large and graceful, with three or more rows of pure white petals.

**2433 Selected Seed**—Much superior to the original strain. Pkt., 10c.

**2436 Stokesia Cyanea** (Cornflower Aster)—A valuable hardy perennial, bedding plant. Plants large, 18 to 20 inches high, with Bachelor Button-like, light lavender-blue flowers, which are several inches in diameter. Are produced from July until late in October. Very easily grown in almost any situation. Pkt., 10c.



Ten-Week-Stock Snow White.

**2416 Pompadour**—Claret-purple, edged white. Pkt., 5c.

**2418 Flesh**—Pkt., 5c.

**2419 Rose**—Pkt., 5c.

**2420 Lilac** Pkt., 5c.

**2421 Cherry Red and White**—Pkt., 5c.

**2422 White and Lilac**—Pkt., 5c.  
Collection Scabiosa, above 11 separate colors, 50c.

### Hardy Scabiosa.

**2426 Caucasica**—Grand hardy perennial, 3 ft. high; large lilac-blue flowers; splendid for cut flowers. Pkt., 10c.



LARGE FLOWERING SCABIOSA

## 2435 Smilax

Charming tender perennial climber for house or greenhouse. Pkt., 5c.

## 2429 Scarlet Runner-Bean

Ornamental climber. Bright scarlet sprays of bloom, followed by edible beans. Pkt., 5c.; ½ pint, 15c.

## Stocks (Gilliflower)

Indispensable for bedding, borders, massing or pot culture. Large-Flowering Double "Cut and Come Again" Varieties.

**2446 Snow White**—(See illustration.) Pkt., 10c.

**2440 Finest Mixed**—This is our very best mixture of large-flowering Stocks. The perfectly double flowers embrace every color and shade. Pkt., 10c.

**2448 Giant Perfection Stocks**—Long spikes of double flowers. Pkt., 10c.

**2450 Fine Mixed Stocks**—Choice mixture of various colors and shades. Pkt., 5c.

## Sunflower (Helianthus)

A well-known family of hardy annual, very showy plants, large flowers.

**2454 New Miniature**—Beautiful new hybrids; small single flowers in great abundance; colors, creamy white, lemon and orange; indispensable for cutting. Pkt., 5c.; ½ oz., 20c.

**2456 Globe of Gold**—Globe-shaped, double yellow flowers. Pkt., 5c.

**2458 Mammoth Russian**—Very large single flowers. The seed is also grown largely for feeding to birds, fowls and poultry. Oz., 5c. See illustration on page 79.

**2460 Livingston's Mixed Sunflowers**—A great variety of single and double varieties. Every shade of yellow is included. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

# Catalog of "True Blue" Seeds



## Livingston's Superb Sweet Peas

Deservedly the most popular flowers in America today. The ever-increasing interest in these lovely favorites was further stimulated by the introduction of the new "Spencer" race, more than a dozen sorts of which may be found offered on pages 18 and 111 of this Catalog. However, the popularity of the ordinary Sweet Peas (*Lathyrus odoratus grandiflorus*) will not decrease, as they are not only more substantial than the Spencers and will last longer after cutting, but the seeds of them will always be cheaper. The Spencer Sweet Peas are exceedingly shy seeders, and true seeds can never be as cheap as those of the grandiflora type.

### Eight Magnificent Sorts of Giant-Flowering Sweet Peas For Only 25c, Postpaid

The greatest bargain in "grandiflora" Sweet Peas on record. Full-sized packets, finest sorts, lowest price consistent with top-notch quality. Order today—before you forget where you saw this offer.

**2474 Mrs. Collier**—Flowers are extra large, coming in threes and fours on a long stiff stem and of a rich primrose tint, entirely free from any trace of pink. **Richer in coloring than any other primrose variety.** Can be described as a primrose Dorothy Eckford.

**2493 Phenomenal**—Flowers silvery-white, faintly suffused with soft pink, and beautifully edged with rich purple, after the style of Maid of Honor, but much larger in size.

**2501 Salopian**—Rich deep crimson-red; enormous flower; elegant sort.

**2505 America**—Brightest blood-red striped, on white ground; superb. The magnificent new "Spencer" form of this beautiful sort is offered on page 18.

**2508 Helen Pierce**—The Gloxinia-Flowered Sweet Pea. The color is a rich **bright blue, mottled on pure white.** The flowers are produced 3 and sometimes 4 on a stem, all of which face the same way. The stems are very long, the blossoms of large size and perfect form.

**2515 Lady Grisel Hamilton**—Beautiful silvery lavender.

**2520 Bolton's Pink**—Magnificent large flowers which retain their showy bright orange-rose coloring even under the hot sunshine. Vines dwarf and stocky; free flowering. The flowers, coming in threes, set closely together at the top of a long, stiff stem.

**2552 Nora Unwin**—A very fine pure white variety. The flowers, which are usually borne three on a stem, are beautifully waved and fluted, of giant size, and with erect spreading standard and wings curved in close to the heel.

**Price** Livingston's "Grandiflora" Collection of 8 Magnificent Sweet Peas as described above for only 25 cents, postpaid.

With each collection we send cultural directions telling **How to Grow Perfect Sweet Peas.**





## Three New Waved Sweet Peas of the "Unwin Type"

**2550 Gladys Unwin**—A very large and bold flower, not hooded, but with a very striking upright crinkled or wavy standard and broad wings. Color, a lovely rose-pink. About 75 per cent. of the long stems have four blooms; perfectly fixed and true in character. Flowers of large size; and it is also a good grower. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; 1 lb., 90c.**

**2552 Nora Unwin**—A very fine pure white variety. The flowers, which are usually borne three on a stem, are beautifully waved and fluted, of giant size, and with erect spreading standard and wings curved in close to the heel. **Pkt., 5c.; oz., 20c.; 1 lb., 60c.; 1 lb., \$2.00.**

**2554 Phyllis Unwin**—The flowers are larger in size than the original "Gladys Unwin," and similarly crinkled, wavy standard, with broad wings. The long, stout stems carry three or four flowers each. Of a beautiful rose color throughout. **Pkt., 5c.; oz., 10c.; 1 lb., 30c.; 1 lb., 90c.**

"Unwin" Collection—One pkt. of each of above three Sweet Peas, 10c.

## Gigantic New Sweet Peas of the "Countess Spencer" Type

### 2570 Countess Spencer

Of perfect form, remarkable size and exquisite color. The flowers are often 1½ to 2 inches in diameter, with both standard and wings charmingly waved and fluted. The coloring is an exquisite **soft rose-pink**, daintily tinted with silvery white, deepening at the outer edges to rich rose. Three flowers on each stem. The great size, exquisite coloring, graceful form, all combine to make the Countess Spencer the most charming Sweet Pea in cultivation. **Pkt., 10c.; oz., 20c.; 1 lb., 60c.**

### 2580 Helen Lewis

This superb variety received the Certificate of the National Sweet Pea Society of England. It is a grand gigantic orchid-flowered seedling of Countess Spencer. The orange-rose wings roll and fold; the standard is reflexed, showing the distinctly fluted effect, and is of an intense **rich crimson-orange**. The blooms are truly of a gigantic size—the ruffled standard measuring 2 inches across. Very brilliant. **Pkt., 10c.; oz., 25c.; 1 lb., 75c.**



"Senator" Spencer Sweet Peas. One-half Natural Size.

### 2610 Primrose Spencer

A grand sort of rare beauty. The strong, thick stems carry 3 to 4 large wavy flowers, measuring 1½ to 2 inches across. The artistically crinkled wings average an inch across by 1½ inches deep. Both standard and wings are of beautiful, **soft primrose or creamy yellow** color. Flowers are very substantial and in a class of their own in both color and size. **Pkt., 10c.; ½ oz., 25c.; oz., 45c.**

### 2582 Mrs. Walter Wright Spencer

is a true, self-colored sort of great beauty. Large, shapely flowers, three to four to a stem, are borne in greatest profusion. They open as pinkish cream, changing to mauve later on, and turn finally into reddish violet. A beauty. **Packet, 10c.**

### 2611 Princess Alice Spencer

A lovely shade of lavender, possessing every characteristic of the true Spencer. Extra large, wavy flowers, 3 to 4 on a stem. Strong, vigorous grower, very long stems, a mass of bloom. The least sportive and best of its color yet introduced. **Pkt., 10c.; ½ oz., 35c.; oz., 60c.**

**On page 18 will be found the following new and rare sorts of "Spencer" Sweet Peas:**

Senator Spencer, Apple Blossom Spencer, Mrs. Routzahn Spencer, America Spencer, Beatrice Spencer, Florence Morse Spencer and Dainty Spencer. **The uniform price of these sorts is 10c. per packet of 25 seeds.**

### Also "Spencer" Collection

Astha Ohn Spencer, Blanche Ferry Spencer, White Spencer, Othello Spencer, King Edward Spencer, Captain of the Blues Spencer and the Unrivaled New Seedlings of Countess Spencer in Grand Mixture.

**This great collection of Superb Spencer Sweet Peas, 7 liberal packets for 25 cents, postpaid.**

**Othello Spencer and Senator Spencer, as illustrated on this page, are offered on page 18.**

### Good News from a Distant Land

Mr. Kenneth Cameron, Battery Rd. Napur, New Zealand, writes as follows: "I beg to acknowledge receipt of the Dollar Collection of seed which reached me in good order. I planted a few days after arrival the cabbage, lettuce, radish and onion. These are now growing splendidly. I am sure your seeds will give every satisfaction. The remainder of your seeds will be planted in September as the weather is then getting warmer."

"The collection is indeed a wonderful value, would have cost double the amount in this country. Next season I will be sending for more seeds."

**Our Great Dollar Collection is offered on second page of cover.**

**Order one and get an ounce of Sweet Pea Seeds Free!**

**Othello Spencer.** Offered on page 18.



# Catalog of "True Blue" Seeds



## All the Best Named Grandiflora Sweet Peas

The varieties listed below are the cream of all known sorts. Only those are included in our collection which produce flowers of the finest form and largest size. Every shade and color amongst Sweet Peas will be found. All inferior varieties have been discarded.

For the convenience of our customers we have arranged the varieties in tables according to color.

Free, if requested with order, our pamphlet, of cultural directions telling **How to Grow Perfect Sweet Peas**. Novelties, see page 18.

### Prices for any Sweet Peas named below

5c. Per Packet—Enough for a single row 5 feet long.

Any 7 packets for 25c.

10c. Per Oz.—Enough for a single row 15 feet long.

Any 4 1-oz. packages, 25c.

25c. Per 1/2 Lb.—Enough for a 60-foot row.

Any 5 1/2 lb. packages, \$1.00.

75c. Per Lb., by mail, postpaid; express at purchaser's expense, 65c per lb.

Any 15 Packets for 50c., or the Complete Collection of 44 varieties for \$1.50, by mail, postpaid.

#### White

2465 **New White Wonder**—Flowers pure white, of giant size, and borne in greatest abundance, usually 4 to 6, on a long stout stem. A unique Sweet Pea novelty.

2466 **Blanche Burpee**—Large; pure white; fine form, grand flower.

2467 **Dorothy Eckford**—A grand white. The stems are extra long and stiff and usually carry three flowers of grand size, substance and form. (See illustration.)

2468 **Emily Henderson**—Large, pure white, profuse, early and continuous flowering.

2469 **Mont Blanc**—An extra early Emily Henderson; fine for forcing. Of dwarf growth.

#### Creamy Yellow and Primrose.

2472 **Earliest Sunbeams**—Rich primrose; good size and very early.

2473 **Hon. Mrs. E. Kenyon**—The most desirable of all primrose Sweet Peas. Grand, large flowers, splendid form.

2474 **Mrs. Collier**—Flowers are extra large, coming in threes and fours on a long stiff stem and of a rich primrose tint, entirely free from any trace of pink. **Richer in coloring than any other primrose variety.** Can be described as a primrose Dorothy Eckford.

2475 **Stella Morse**—Has a faint tinge of pink underlying the cream, producing a true apricot shade; beautiful for bunching.

#### Blush and Light Pink

2478 **Dainty**—Crystal-white, with pink flush, deepening to a pink edge.

2479 **Jeannie Gordon**—Standard bright rose, shaded cream; wings creamy, suffused rose.

2480 **Lovely**—Soft shell pink; exquisite shade; large size.

#### Pink and White

2483 **Earliest of All** The earliest form of the well-known pink and white "painted lady," or Blanche Ferry Sweet Pea. Exceedingly fine strain.

2484 **Blanche Ferry**—The popular pink and white; always reliable.

#### Rose and Pink.

2488 **Prima Donna**—Lovely soft pink; hooded form; vigorous grower.

2487 **Agnes Johnston**—A bright rosy-standard, shaded cream; wings cream, slightly flushed with the same bright rose-pink.

2489 **Prince of Wales**—Very elegant rich carmine rose; a grand flower.

#### Blue and White

2492 **Maid of Honor**—Lavender and white, edged blue; very dainty.

2493 **Phenomenal**—Flowers silvery-white, faintly suffused with soft pink, and beautifully edged with rich purple, after the style of Maid of Honor, but much larger in size.

#### Maroon and Claret.

2495 **Black Knight**—A very rich dark maroon, veined black; the darkest of all.

2496 **Shahzada**—Intensely dark maroon, with a tint of purple in standard and inner portion of wings.

#### Red and Scarlet.

2502 **Scarlet Gem**—Bright geranium scarlet; very vivid.

2499 **King Edward VII.**—The largest and best bright crimson-scarlet.

2501 **Salopian**—Rich deep crimson-red; enormous flower; elegant sort.

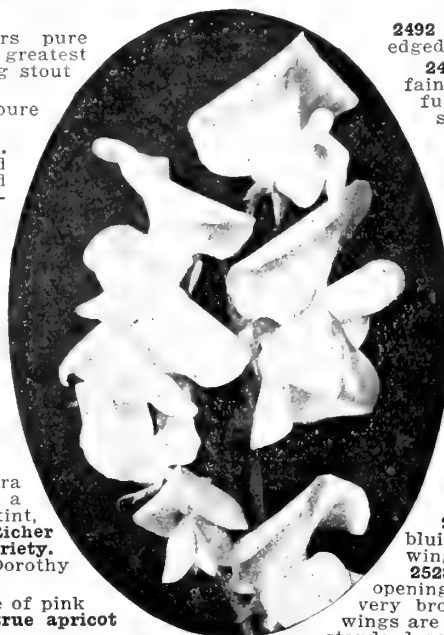
2500 **Queen Alexandra**—An intense scarlet sort, with bold expanded flowers of finest form. It is very free flowering, with long, strong stems. The flowers do not burn in the sun.

#### Blue and Purple.

2526 **Brilliant Blue**—Dark, indigo-blue.

2527 **Countess of Cadogan**—A light bluish purple in standard and clear blue in wings. The color effect is a bright blue.

2528 **Horace J. Wright**—The standard when opening, is of dark bronzy color, stiffly erect, very broad and lightly folded in center. The wings are deep rich violet-purple. The face of the standard, when opened, changes to violet-purple.





**Named Grandiflora Sweet Peas—Continued**

**Blue Sorts, Continued.**

**2529 David R. Williamson**—This new variety is brightly effective. The large standard is of a rich indigo-blue, the wings are lighter in shade.

**2530 Romolo Piazzani**—A grand blue Sweet Pea. The color is almost a true violet-blue self; the standard is only slightly hooded; grand flowers.

**Lavender and Light Blue.**

**2513 Admiration**—A grand large flower of beautiful form, self colored in a delicate shade of rosy lavender.

**2514 Flora Norton**—A very beautiful rich lavender, entirely free from any mauve or pinkish tinge. The flowers are large and of fine form; one of the most delicate and pleasing shades for florists' use as a cut flower.

**2515 Lady Grisel Hamilton**—Beautiful silvery lavender.

**2516 Mrs. Walter Wright**—This new giant-flowering variety is a beautiful shade of mauve, clear and bright, with wings of a bright coerulean blue, shaded slightly with mauve.

**Prices** Any of above-named Sweet Peas, pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 75c., postpaid. Any 7 packets for 25c.; any 4 oz. for 25c.; any 5 1/2 lb., for \$1.00.

**Striped and Variegated**

- 2505 America**—Brightest blood-red striped white.
- 2506 Aurora**—Orange-salmon, flaked and striped white.
- 2507 Golden Rose**—Primrose-yellow, striped rosy-pink.
- 2508 Helen Pierce** is fully described on page 110.
- 2509 Jessie Cuthbertson**—Creamy white, boldly striped and flaked with rich dark rose.
- 2510 Senator**—Purplish maroon, heavily striped on white.

**Orange and Salmon**

**2520 Bolton's Pink**—Magnificent large flowers which retain their showy bright orange-rose coloring even under the hot sunshine. Vines dwarf and stocky; free flowering. The flowers, coming in threes, set closely together at the top of a long, stiff stem.

**2521 Gorgeous**—Brilliant orange-salmon; wings rose, tinged orange.

**2522 Henry Eckford**—The nearest approach to an orange-yellow in Sweet Peas; a beautiful color. Medium large and open form.

**2523 Miss Wilcott**—Enormous bold, upright flowers on stout stems. Wings and standard are of richest orange-pink, delicately shaded rose.

**Our Sweet Pea Mixtures for 1912**

Most people like as big a variety of Sweet Peas as they can get. To buy a dozen separate packets and mix them would be far more expensive than to buy an ounce of our Special Mixture, and even then the packets would not contain nearly the assortment of colors found in this mixture.

**Livingston's "Special Mixture"**

(See illustration)

This superb mixture is our special pride. During the several years we have sold it, it has been our constant aim to improve and perfect it. The different kinds and sorts contained in this mixture are grown separately, so that we have an opportunity to choose only the largest and most beautiful varieties. These we mix ourselves in proper proportions for the most brilliant effect. It embraces the finest American and Eckford varieties, as well as the latest novelties, and will produce a great abundance of giant flowers of beautiful colors. Some are edged, mottled, blended, flaked and striped. Without exception, this is the very finest mixture it is possible to make. We recommend that our customers buy these seeds by weight and plant liberally.

**2540 Special Mixture**—Large pkt., 10c.; oz., 15c.; 1 lb., 35c.; 1 lb., \$1.00, postpaid.

**Livingston's Gilt Edge Mixture**

This is a very superior mixture, made up of over 50 of finest named varieties; all bright colors. **2542 Gilt Edge Mixture**—Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 75c., postpaid.

**Fine Mixed** This mixture, for the price, will be found very satisfactory. It contains a great variety of choice colors and shades. **2543 Fine Mixed**—Pkt., 5c.; oz., 10c.; 1 lb., 15c.; 1 lb., 45c. By express, not prepaid—1 lb., 35c.; 3 lbs., \$1.00.

**Our Glorious Mixture of Magnificent Spencer Seedlings**

Is offered on page 18. The women who take special pride in growing something extra choice, should try an ounce of this grand new race.

**Cupid or Dwarf Sweet Peas**

Grow only 5 to 6 inches high; are very fragrant; bear full-sized flowers of fine substance, two to three on each stem; excellent for beds and pot culture.

**2632 Cupid Sweet Peas**—Our mixture of these is extra fine. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 75c.

**2633 Bush Sweet Peas**—An Entirely Distinct Race—The plants grow erect, 15 to 18 inches high, and when in full flower branch freely and compactly. Our mixture contains all colors. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 75c.

**Hardy or Everlasting Sweet Peas**

(*Lathyrus latifolius*)

Perfectly hardy and very handsome free-blooming climbers, with clusters of elegant sweet-pea-like blooms, which are produced in the greatest profusion. They come up year after year, and also bloom earlier than other Sweet Peas. Especially suitable for covering arbors and trellises. Our mixture contains all colors. **2635 Mixed**—Pkt., 5c.; oz., 40c.



Grandiflora Sweet Peas from Our Special Mixture.

# Catalog of "True Blue" Seeds

## Large-Flowering Sweet Williams

(*Dianthus Barbatus*)

A very beautiful class of easily-grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented. For cut flowers they are not surpassed. Hardy biennial. Height 1 to 1½ feet.

### Holborn Glory

This strain is a large-flowered selection of the Auricula-Eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, and the range of color, all showing a clear, white eye, is superb. **2640—Pkt., 10c.**

**2643 Double Mixed**—This mixture you will find of very superior quality; containing all colors and shades. **Pkt., 5c.; ½ oz., 20c.**

**2646 Single Mixed**—A very choice assortment of all the best single-flowering varieties. **Pkt., 5c.; ½ oz., 15c.**

**2648 Double and Single Mixed**—This mixture is made by blending the double and single-flowering varieties. **Pkt., 5c.; ½ oz., 15c.; oz., 50c.**

## Livingston's Mammoth Verbenas

If it were possible, it would seem to us that Verbenas are becoming more popular every year. The plants thrive in any good garden soil, and if grown from seed are much more vigorous than if started from cuttings. Verbenas will flower perfectly from seeds, started early in the house in boxes or pots; or you may plant the seeds directly in the garden beds when the warm weather of May arrives. Height 1 to 1½ feet.

**2662 Mammoth Defiance**—Bright, rich scarlet; small leaves. **Pkt., 10c.**

**2663 Mammoth Blue Varieties**—Showy, distinctive; fine for edgings. **Pkt., 10c.**

**2664 Mammoth Striped Varieties**—Beautiful; a rich collection. **Pkt., 10c.**

**2665 Mammoth Pink Shades**—Many very brilliant shades of pink. **Pkt., 10c.**

**2666 Mammoth Pure White**—Large trusses of purest white flowers. **Pkt., 10c.**

brilliant shades of pink.

**2667 Mammoth Cloth of Gold**—Golden yellow foliage; crimson flowers. **Pkt., 10c.**

Collection, one each of above 6 Mammoth Verbenas, **45c.**

**2670 Livingston's Mammoth Mixed Verbenas**—Our strain of these elegant mammoth-flowering Verbenas will make beds and borders in the garden of the greatest brilliancy. These are our best Verbenas, and for enormous flowers of rich and superb colors are unsurpassed. (See illustration.) They bloom most profusely. Our mixture contains every desirable color and shade. **Pkt., 10c.; ½ oz., 25c.; ¼ oz., 40c.; oz., \$1.00.**

**2672 Fine Mixed**—A very satisfactory assortment, containing many fine colors and shades. **Pkt., 5c.; ½ oz., 15c.; ¼ oz., 25c.; oz., 75c.**

**Thunbergia** Rapid-growing Annual Climber, with pretty buff, white and orange flowers of various shades, with a dark center or eye. Adapted for vases, hanging baskets, trellises, etc. **2654 Mixed—Pkt., 5c.**

**Torenia** Beautiful annual plants for vases, hanging baskets, etc. Flowers are produced in great abundance, the plants being covered with a mass of bloom. Height 1 foot. **2656 Mixed—Pkt., 10c.**

**Valerina (Hardy Garden Heliotrope)**—Showy plants; grow in any garden soil; do well in the shade. Hardy perennial; grows 2 feet high and blooms the first season from seed. Fine for bouquets. Bright rose, red and white varieties. **2658 Mixed—Pkt., 5c.**

**Vinca (Periwinkle)**—Free-flowering, bushy plants, with glossy foliage and beautiful circular flowers. In sunny situations they bloom all summer; if potted before frost, will bloom in winter; very easily grown, blooming profusely the first season from seed. A very fine mixture of all colors. Half-hardy perennials. 1½ feet high. **2680 Mixed—Pkt., 5c.**

**Violet (Viola Odorata)**—Sweet-scented Violets are easily grown from seeds; and if you can plant them in a cool and moist situation, so much the better. All varieties are of great beauty.

**2682 Sweet-Scented**—The old-fashioned Blue Violet. **Pkt., 10c.**

**2684 The Czar**—Largest flowering, deep blue. **Pkt., 10c.**

**2686 Finest Mixed**—Blue and white sorts. **Pkt., 10c.**

**Wallflower** Well-known and deliciously fragrant half-hardy biennials; the large spikes of bloom are of most beautiful colors. Height 1½ feet.

**2690 Large-Flowering Single Mixed—Pkt., 5c.**

**2692 Large-Flowering Double Mixed—Pkt., 10c.**

**Wild Cucumber (Echinocystis)**—A rapid-growing annual climber. Has beautiful leaf and pretty, fragrant white flowers. **2695—Pkt., 5c.; ½ oz., 10c.; oz., 15c.**

**Xeranthemum (Everlasting Flowers)**—Very desirable. Easy to grow. Leaves covered with silvery down. Hardy annual. 2 feet. A very fine mixture of colors. **2697 Mixed—Pkt., 5c.**



Sweet William.



Livingston's Mammoth Verbenas.



## Livingston's Superior Zinnias

One of our most stately and showy border plants; a strong grower, and therefore succeeds well, even if the ground is not very rich. Excellent for cut flowers, and continuously in bloom. Height 1 to 3 ft

### Livingston's Mammoth Flowering Prize Zinnias

These splendid large-flowering Zinnias (see illustration) represent the very highest perfection yet attained in this flower, and for perfect doubleness, mammoth size, as well as the wonderful variety of colors and shades, are unsurpassed by any strain in cultivation. We offer the following splendid separate colors and our elegant mixture.

- |                          |                            |
|--------------------------|----------------------------|
| 2700 Mammoth Crimson     | 2704 Mammoth Pure White    |
| 2701 Mammoth Dark Purple | 2705 Mammoth Rose-Pink     |
| 2702 Mammoth Flesh-Pink  | 2706 Mammoth Golden Yellow |
| 2703 Mammoth Lilac       | 2707 Mammoth Scarlet       |

Above 8 sorts, each 5c. per packet; 1 oz., 25c.; oz., 75c.

2710 Livingston's Mammoth Flowering Prize Mixture—A gorgeous mixture containing many new and rich hues. Pkt., 5c.; 1 oz., 20c.; oz., 60c.

**Double Pompon** (See illustration)—These Zinnias grow 2 feet high and are sturdy and bushy. They are also sometimes called "Lilliput," on account of their beautiful little flowers, which are very double and cone-shaped. 2727 All colors mixed. Pkt., 5c.

### Improved Dwarf Zinnias

This strain, not growing quite so high as Livingston's Prize Zinnias, is especially desirable for borders, edgings and small beds. The individual flowers are equally large.

2714 Improved Dwarf Mixture—Pkt., 5c.; 1 oz., 20c.; oz., 60c.

**New Double Fringed**—A very fine new type. The petals of the perfectly formed double flowers are more or less deeply cut or fringed, giving them a more graceful appearance than the usual form. The plants are of compact habit, about 30 inches high, and have all the free-flowering merits of the family. We offer three separate colors:

- |             |                    |                   |
|-------------|--------------------|-------------------|
| 2717 White. | 2718 Deep Carmine. | 2719 Bright Rose. |
|-------------|--------------------|-------------------|
- Each, packet, 10c.

**Collection**—A packet of each of the 3 Double Fringed Zinnias for 25c.

2721 Striped, or Zebra—A very pretty strain with striped flowers. Colors vary on each plant; presents a beautiful and curious appearance. Pkt., 5c.

2723 Curled and Crested—A fine strain, with large double flowers of perfect form; petals twisted, curled and crested into fantastic and graceful forms. Pkt., 5c.; 1 oz., 25c.

2725 Tom Thumb, or Double Miniature—Charming, perfectly double, small-flowering class; 10 inches high; bloom profusely. Fine for borders. Mixed colors. Pkt., 5c.



Double Pompon Zinnias. Pkt., 5c.

## 2740 Wild Flower Garden, or Children's Garden

Especially adapted for producing a display in large borders, or sowing along woodland walks, railroad embankments, for hiding an unsightly fence, stump, etc. Nothing in the way of flowers delights children more than this **WILD GARDEN**, chiefly because they can be allowed to pick their own bouquets without stint. Sow in drills 2 feet apart, or even broadcast. Cover lightly and keep the soil from drying out until started. 2740 Our Extra Choice Mixture. Large pkt., 10c.; 1/2 oz., 15c.; oz., 25c. Ask for Special Price by the Pound.

Mammoth-Flowering Zinnias.

## Livingston's Rainbow Collection

Consists of One Full Sized Packet Each of the following grand annuals, and is sent free by mail for Fifty Cents. At regular prices it would cost you \$1.00.

Asters, Semples Giant Branching Mixed; Bachelor's Buttons, Giant Flowering Imperialis; Candytuft, Mixed Colors; Cosmos, Mammoth Perfection Mixed; Dianthus Pinks; Marigolds, French; Mignonette, Sweet; Nasturtium; Giant Pansy, Mixture; Petunia, Blotched and Striped; Phlox, Livingston's Special Mixed; Poppies, Livingston's Giant Double Mixture; Portulaca, Mixed; Scabiosa, Livingston's Large Flowering Mixed; Sweet Alyssum; Antirrhinum, New Giant Flowering; Sweet Peas, Gilt Edge Mixture; Zinnia, Livingston's Prize Mixture.

18 Packets for only 50 Cents.

## Bright Array Collection—25c

A most brilliant flower garden for a very little money. One full sized packet each of the following 8 "Easy to Grow" Flowers for 25c.

Sweet Alyssum; Asters, Paony-Flowered Perfection; Candytuft, Mixed Annual Sorts; Nasturtiums, Tall Climbing; Pansies, Large-Flowering; Phlox Drummondii; Sweet Peas, Gilt Edge Mixture; Zinnias, Prize Mixture.





# Catalog of "True Blue" Seeds

## Summer Flowering Bulbs

The bulbs on this and the three following pages are all easy to grow, and at small expense a gorgeous display of beautiful flowers may be had.

### Gladioli

We make a specialty of Gladioli and grow them in immense quantities at our True Blue Nursery. Our various mixtures of Gladioli will be found unsurpassed. We call special attention to the low price at which we offer **Brilliant Beauties**.

#### Livingston's Superb "True Blue" Mixed Gladioli

This superb mixture is composed exclusively of high grade varieties, including many new and rare kinds. It embraces the greatest possible range of color. This mixture is our pride and contains the best large-flowering sorts.

**In Grand Mixture—Each, 5c.; 6 for 25c.; doz. for 40c.; 40 for \$1.00; 100 for \$2.25, postpaid. By Express, not prepaid, 100 for \$1.75; 1000 for \$15.00.**

**Groff's New Hybrid Seedling Gladioli**—This gorgeous strain was produced by Mr. H. H. Groff, of Canada, who is acknowledged the world's greatest Gladioli expert. It is the result of fifteen years of careful hybridizing, and is probably the choicest strain ever offered. Includes rare blue shades. **Each, 5c.; doz., 50c., postpaid. By Express, 100, \$3.00.**

#### Livingston's "Brilliant Beauties"

##### A Superior Mixture of Gorgeous Gladioli

A splendid well-balanced mixture containing a marvelous variety of bright colors, many charmingly blended, striped and blotched. For brilliancy these Gladioli cannot be surpassed. Those who wish an ample supply to cut for bouquets should plant liberally of "Brilliant Beauties" at intervals of two weeks. All first size bulbs, sure to bloom. **Price—4 for 10c.; doz., 20c.; 100 for \$1.25, postpaid. By Express, not prepaid—100 for 80c.; 1000 for \$7.00.**

#### New Giant Childsii Mixture

A magnificent new race with extraordinary large flowers of remarkable beauty. All colors, mixed, each, 5c.; doz., 50c.; 50 for \$1.85; 100 for \$3.50, postpaid. **By Express, not prepaid—100 for \$2.50.**



New Childsii Mixture.

### Superb Named Gladioli

The following is a carefully selected list of the very finest named Gladioli:

**Attraction** Most beautiful sort with attractive dark crimson flowers, each of which is marked with large, pure white spots in center and throat. **Each, 10c.; doz., \$1.00, postpaid. By Express, not prepaid, doz., 80c.**

**Augusta** Splendid pure white with blue anthers. A lovely variety. **Each, 5c.; doz., 50c., postpaid. By Express, not prepaid, doz., 40c.; \$3.00 per 100; \$27.50 per 1000.**

**Brenchleyensis** Intense vermilion-scarlet. Most popular old variety. **Each, 5c.; doz., 50c., postpaid. By Express, not prepaid, doz., 35c.; \$2.00 per 100; \$18.00 per 1000.**

**Mrs. Francis King** Light scarlet sort with large flowers and extra long spikes. **Each, 10c.; doz., \$1.00, postpaid. By Express, not prepaid, doz., 80c.; \$4.50 per 100; \$40.00 per 1000.**

**"1900"** Good-sized flowers of rich crimson, with prominent white spots on three lower petals. **Each, 5c.; doz., 50c., postpaid. By Express, not prepaid, doz., 40c.; 100, \$2.50; 1000, \$20.00.**

#### Special "Best of All" Gladiolus Collection

One each of above 5 "Best of All" named varieties, 25c., postpaid.

Two each of above 5 "Best of All" named varieties (10 in all), 45c., postpaid.

### Three Grand Varieties for Cutting

**America** A beautiful soft flesh-pink, slightly tinged with lavender; strong grower, erect spikes of large flowers; grand for bedding. For florists' use it has no equal. (See illustration.) **Each, 8c.; doz., 90c., postpaid. By Express, not prepaid, doz., 75c.; \$4.50 per 100; \$40.00 per 1000.**

**Klondyke** The best light yellow Gladiolus introduced by us in 1906. The color is clear primrose-yellow, except a blotch of vivid crimson-maroon in the throat. **Each, 8c.; doz., 90c., postpaid. By Express, not prepaid, doz., 75c.; \$4.00 per 100; \$35.00 per 1000.**

**Princeps** A superb Gladiolus. Color, rich crimson with intense shadings in the throat and broad white blotches across the lower petals. Flowers 5 to 6 inches in diameter. **Each, 15c.; doz., \$1.60, postpaid. By Express, not prepaid, doz., \$1.50; \$12.00 per 100.**

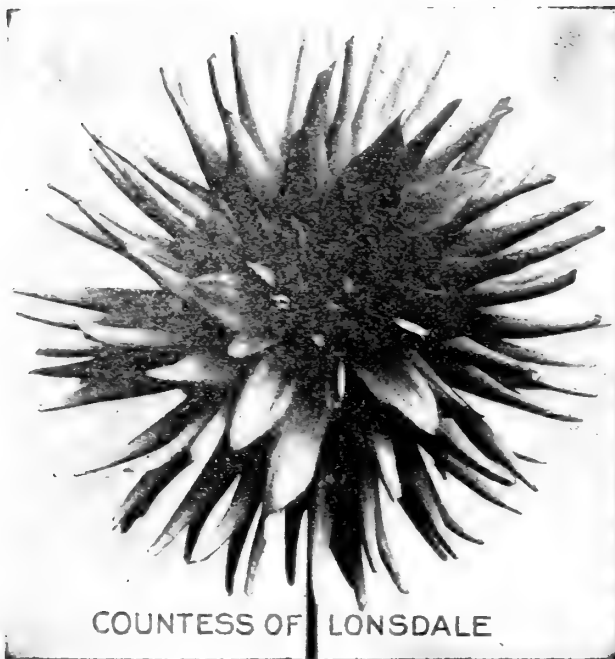
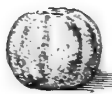
### Gladioli—Separate Colors

Prices of single Bulbs and Dozen includes postage. 50 and 100 lots go by Express at buyer's Expense

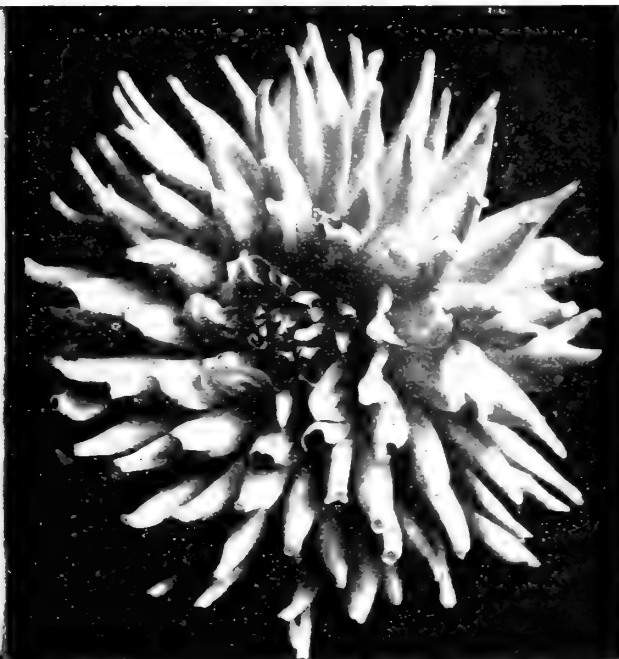
	By Mail.		By Express.	
	Each	Dozen	50	100
White and Light Shades, mixed....	5c	40c	\$1 50	\$2 50
Pink Shades, mixed.....	5c	40c	1 00	1 90
Red and Scarlet Shades, mixed.....	4c	35c	1 00	75
Yellow Shades, mixed.....	6c	60c	2 50	4 50
Striped and Variegated, mixed.....	5c	50c	1 75	3 00



Gladiolus America.



COUNTESS OF LONSDALE



Country Girl.

## Livingston's Selected Dahlias

The Dahlia is one of the most important summer and autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost. Especially fine for cut flowers. We spare no pains to produce superior roots of the choicest varieties.

**Culture**—One of the easiest of all flowers to cultivate. Deep and thorough stirring of the soil during the early growth of the plant is indispensable, but later in the season frequent surface cultivation only should be given. Plant in an open, sunny situation, at least where the sun reaches them the greater portion of the day. It is a rank feeder, and should have well-enriched soil; keep free from grass and weeds. Water regularly in dry weather. Plant the bulbs two or three inches below the surface of the ground, laying the bulb on its side. Varieties growing three feet or more in height should be tied to stakes to prevent falling over. Plant when the ground has become warm. As soon as the frost has killed the foliage the roots should be carefully taken from the ground and the soil shaken from among them; must be stored away in a cool place, not too dry, but secure from frost. **Note:** We fill all orders for Dahlias with dormant roots. All prices are postpaid.

### New Sorts of Special Merit

**Country Girl**—Large, perfect flowers of charming golden yellow, suffused with salmon rose. (See illustration.) Each, 25c; doz., \$2.50.

**Countess of Lonsdale**—Profuse bloomer. Flowers very large and of beautiful shade of salmon-pink, blending into amber. (See illustration.) Each, 20c; \$2 per doz.

**Kriemhilde**—An exquisite delicate shell-pink, shading to white in the center. Undoubtedly the finest and most perfect pink Cactus Dahlia to date. Each, 20c; doz., \$2.00.

**Mrs. H. J. Jones**—Vivid red, tipped and edged with pure white. Sometimes solid red. Each, 25c.; doz., \$2.50.

### Standard Cactus Dahlias

**Gabriel**—Color varies from rich scarlet to creamy white. Large, full flowers.

**Harbor Light**—Long, narrow, dark red petals, shaded apricot toward center.

**Jealousy**—Clear, bright yellow. Long, stiff stems.

**Spotless Queen**—Finest pure white for cutting.

**Zephyr**—Rose pink, shaded heliotrope. Of elegant form.

**Strong tubers of above five sorts, each 15c; doz., \$1.50. The set of five, one root of each for 60c.**



Dr. Gates.

### Standard Decorative Dahlia

**Dr. Gates**—Beautiful shell pink, shading to bluish at base of petals. Excellent cutting variety. (See illustration.)

**Eloise**—A charming variety; ground color bluish-pink, shading to white, each petal margined deep crimson.

**Henry Patrick**—Superb pure white; large; on long stems.

**Lyndhurst**—Scarlet or vermillion. One of the best.

**Maid of Kent**—Intense scarlet variegated with white. Sometimes a solid scarlet.

**Mrs. Hartong**—Light fawn suffused with pink. A handsome, large sort of exquisite form.

### Show and Fancy Dahlias

**A. D. Livoni**—Most perfect in form. A delicate rose, soft and clear; very graceful.

**Frank Smith**—Dark maroon, sometimes tipped with white, shading into pink. A dandy.

**Gloire de Lyon**—Largest pure white Dahlia in cultivation. Round as a ball.

**Kaiser Wilhelm**—One of the grandest flowers in cultivation. Of perfect form; deep yellow, shaded cherry-red.

**Purple Gem**—A clear, rich royal purple. One of the finest.

**Strong tubers of each of above sorts, 15c each; doz., \$1.50.**

# Catalog of "True Blue" Seeds



## Livingston's Superb Cannas

The Canna is one of the most beautiful of all Bedding Plants.

We make a specialty of Cannas at our True Blue Nurseries, and the fields are the admiration of thousands. No other plant is better adapted to this country, and nothing which costs so little excels them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades.

Plant outdoors about the middle of May, if the weather is warm and settled, 2 feet apart. We send out plants only, as we find they give better satisfaction than dormant roots. We send free on application an illustrated leaflet on the cultivation and care of Cannas.

At the single and dozen prices we forward Cannas postpaid. If you need large quantities of Cannas ask for special quotations

### Cannas---Gilt Edge Varieties

**Black Prince**—Green-leaved tall-growing sort with showy crimson scarlet flowers, overlaid with maroon. Each, 15c.; \$1.50 per dozen.

**Madame Crozy**—Bright scarlet, gold border to each petal. Foliage green. A well known and popular variety. 3½ feet.

**Queen Charlotte**—Rich crimson-scarlet with wide gold border on every petal; a profuse bloomer; broad green leaves. 3½ feet.

**Souvenir d'Antoine Crozy**—Large full spikes; rich crimson flowers, bordered with golden yellow. 3 to 4 feet. Above, each, 15c.; doz., \$1.25. The Set of Four for 45c.

### Cannas---Popular Varieties

**Buttercup**—Bright buttercup yellow; large flowers in fine trusses. Handsomely formed, always clear and bright. 3 ft.

**Florence Vaughan**—Large yellow flowers, dotted with bright red. Very broad bright green leaves. 4 feet.

**Venus**—Vigorously growing sort with erect stems and magnificent trusses of large size and perfect form. Petals are oval, exquisitely colored and variegated; warm rose pink, mottled near center with creamy white edges. A superb variety.

Above, each, 15c.; doz., \$1.25. The Set of Three for 35c.

### Selected Cannas For Borders and Beds

**Express**—Flowers bright scarlet, with broad petals and compact truss; blooms freely until frost. A splendid variety. 3 feet.

**Mont Blanc**—Almost pure white; foliage large, handsome, green. Blooms on strong stems well above the foliage. 3½ feet.

**Rubin**—Flowers ruby carmine; very rich and glowing; foliage dark bronzy green; a great bedding sort. 3 feet.

**Tarrytown**—An ideal bedding Canna, with brilliant cherry-red flowers; free, early and continuous bloomer of even height. 3½ feet.

Above, each, 15c.; doz., \$1.25. The Set of Four for 45c.

### Dark or Bronze-Leaved Cannas

**Black Beauty**—Handsomest of all dark-leaved varieties. Foliage large and massive, of richest bronze-purple, shading to almost black, with undulating edges to the leaves. 4 to 5 ft.

**Bronze Beauty**—Bronze leaf, green stalk; vermilion-orange. 5 feet.

Above, each, 15c.; doz., \$1.25.

### Four Superb New Cannas

**Jupiter**—Deep purple foliage, 1 by 3 feet, nearly as dark as Black Beauty. Rich red flowers. Height, 6 feet. Each, 35c.; doz., \$3.50.

**Meteor**—Green-leaved sort with magnificent trusses of brilliant crimson flowers. The immense flower heads are well displayed above the foliage and keep well. Each, 30c.; doz., \$3.00.

**Wm. Saunders**—Handsome dark foliage and mammoth clusters of large flowers combine to make this sort one of the finest. Bright scarlet with shiny silvery tinge at base of each petal. Each, 25c.; doz., \$2.50.

**Wyoming**—Purple foliage, Giant Orchid-flowered orange colored, large round silken petals. Height, 7 feet. Each, 25c.; doz., \$2.50.

### New Giant Orchid-Flowered Cannas

**Allemania**—Enormous flowers; outer petals scarlet, with broad yellow border; inside of bloom scarlet; foliage dark. 4 to 6 feet.

**America**—Foliage a bronze color, with dark red hues, shining as if varnished. Splendid glowing purplish-red, flamed and striped. 4 feet.

**Burbank**—Flowers 6 to 7 inches across, mostly semi-double; beautiful rich canary yellow; throat finely spotted crimson. 5 to 6 feet.

**Kate Gray**—Flowers of large size, 5 to 6 inches across; rich orange-scarlet, streaked with golden yellow. 6 to 7 feet.

Above, each, 15c.; doz., \$1.25. The Set of Four for 45c.

### Crimson and Scarlet Cannas

**Alphonse Bouvier**—Standard crimson; large, bright. 6 feet.

**Beaute Potevine**—Ideal bedding Canna; always in good condition in all kinds of weather; bright rich crimson. 3 feet.

**Crimson Bedder**—Large trusses of beautiful crimson bloom; early. Very free flowering, compact plant. 3 feet.

### King Humbert

Grand bronze-leaved Canna. The flowers are extremely large. Color bright orange-scarlet streaked with crimson; a strong grower, one of the best for show. Height 5 feet. Each, 20c.; doz., \$2.00.

**Pillar of Fire**—A giant in size. Fine for center of bed. Bloom crimson-scarlet on erect spikes. 6 to 7 feet.

**President Cleveland**—Largest flowers; bright orange-scarlet. 3 feet.

Above, each, 15c.; doz., \$1.25. The Set of Six for 65c, except where otherwise noted.



King Humbert Cannas.  
Natural Size.



## Caladium

(Elephant Ears)

Plants attain a height of from 4 to 6 feet, the leaves being veined with different shades of green; when massed alone or with Cannas, they produce a striking and beautiful effect. They are of easy culture, and will grow in almost any garden soil, but if especially large plants are wanted they should be planted in a well-enriched soil and given water in abundance throughout the season. The bulbs may be kept over Winter by taking up in the Fall when frost kills the foliage; leave some soil on the roots, dry gradually in a airy, shady place for several days, then pack in a shallow box in a dry sand or soil, store in a dry cellar where it does not freeze.



Group of Caladiums, or Elephant Ears.

### Caladium Prices

#### Prices by Mail, Postpaid

5 to 7 inches in circumference..... Each, 10c.; 5 for 45c.  
7 to 9 inches in circumference..... Each, 20c.; 5 for 85c.  
9 to 11 inches in circumference..... Each, 30c.; 5 for \$1.40  
10 to 12 inches in circumference..... Each, 50c.; 5 for \$2.25

#### By Express, not Prepaid

5 to 7 inches in circumference... 10 for 80c.; 100 for \$5.00  
7 to 9 inches in circumference... 10 for \$1.25; 100 for \$7.50  
9 to 11 inches in circumference... 10 for \$2.50; 25 for \$5.75  
10 to 12 inches in circumference... 10 for \$3.75; 25 for \$8.50

## Callas

**New Yellow Calla, Mrs. Roosevelt**—A result of cross between one of the rare yellow Callas and the well-known spotted-leaved variety. It retains all the vigor of the white-flowered variety and has a beautiful yellow flower of a soft primrose-yellow equal in size to any yellow Calla now in existence. The foliage is beautifully spotted with pure white, and the flowers are borne on stout stems. Each, 50c.

**Perle von Stuttgart (The new snowy-white prolific Calla)**—The flower is large, perfect in shape and of snowy-whiteness, much purer than the common one. Its strong root-growth causes the abundant bloom. Each, 25c.; 3 for 65c.; doz., \$2.50.

**Spotted Calla**—Smaller than White Calla. Leaves, a glossy deep green with numerous white spots. Ornamental, even when not in bloom; good bedder. Each, 10c.; doz., \$1.

**Golden-Yellow Calla (Elliotiana)**—New and entirely distinct from other yellow varieties. Similar to the common White Calla in habit of growth, size and shape of bloom, but has a rich, clear golden-yellow flower; also the green leaves are beautifully spotted with creamy-white. Each, 60c.

**Large White Calla**—Will always be a favorite because of its easy culture, wavy-white flowers and healthy green foliage. Each, 15c.; doz., \$1.50. Larger Size, each 25c.; doz., \$2.50. Calla Collection, one each above 5 splendid Callas, \$1.40.

## Cinnamon Vine

Perfectly hardy. Attains a height of from 15 to 25 feet. Brilliant glossy foliage and an abundance of fragrant flowers. Each, 5c.; 6 for 25c.; doz., 40c.

**Madeira Vine (Climbing Mignonette)**—Rapid-growing vine; easy to grow; light green leaves; bears small, white, feathery, fragrant flowers; free from insect pests of all kinds. Each, 5c.; 6 for 25c.; doz., 40c.; 100, \$2.25.

## Lilies

All the Lilies in this list make stately and magnificent pot plants. All are perfectly hardy. Plant bulbs in the spring as soon as frost is out of the ground. Select a well-drained spot, dig the soil deep and make it fine, enriching it abundantly with well-decomposed cow manure, adding a liberal mixture of sand.

## Auratum

(Gold Banded)—

Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear gold band; possesses a most delicate fragrance; very hardy; best outdoor Lily grown. **First Size Bulbs, each, 15c.; 3 for 40c.; doz., \$1.50.** Mammoth Bulbs, each, 25c.; doz., \$2.50.

**Album (Speciosum)**—Pure white; very fragrant; free-flowering; hardy. **First Size Bulbs, each, 15c.; 3 for 40c. Mammoth Bulbs, each, 25c.**

**Melpomene**—Pure white, spotted crimson; petals recurved. Each, 15c.; doz., \$1.50.

**Eubrum (Crimson Banded)**—White, heavily spotted with rich crimson. **First Size Bulbs, each, 15c.; 3 for 40c.; doz., \$1.50.** Larger Bulbs, each, 25c.

**Tenuifolium**—Fiery scarlet flowers. Each, 20c.; doz., \$2.00.

**Tigrinum, Flore Pleno (Double Tiger Lily)**—Bright orange-scarlet, with dark spots; entirely hardy. Each, 10c.; doz., \$1.00.

**Montbretias (Blazing Star)**—A desirable summer-flowering plant; hardy; easily grown. Star-shaped flowers on spikes 20 to 30 in. high. Bloom the first season; should be planted by hundreds. **Mixed varieties, Bulbs, each, 5c.; doz., 30c.; 25 for 55c.; 100 for \$2.00.**

**Tigridias (Tiger or Shell Flower)**—Very handsome; are large and free-flowering; include some of the most gorgeous colors and shades. Grows about 2 feet in height.

**Conchiflora**—Yellow, spotted crimson.

**Favonia**—Crimson, spotted yellow.

**Alba**—Pure white, center yellow and spotted crimson.

Price of each, 5c.; doz., 40c.

## Tuberoses

One of the most delightfully fragrant and beautiful summer-flowering bulbs. Its waxy-white flowers are the sweetest scented that grow. The growing plant is fond of light and heat and should not be planted outside before April 1.

Our Tuberoses are grown and cured with the greatest possible care, and all are flowering size. For large, perfect flowers we recommend the larger sizes.

**Double Dwarf Pearl Tuberoses**—Flowers large size and very double. **Extra size Bulbs, by mail, postpaid, each, 4c.; 5 for 15c.; doz., 35c.** By express, not prepaid, doz., 25c.; 25 for 40c.; 100 for \$1.40. **Second Size Bulbs, by mail, postpaid, 3 for 10c.; 6 for 15c.; doz., 25c.** By express, not prepaid, doz., 20c.; 25 for 35c.; 50 for 60c.; 100 for \$1.00.

**Variiegated Leaved**—Leaves heavily striped with creamy white. Large, fragrant, single flowers. Each, 5c.; 6 for 25c.; doz., 40c.

Special Prices on Larger Quantities of Tuberoses.





# Catalog of "True Blue" Seeds



## Livingston's Quality Roses

### A Choice Selection of the Best Kinds

Although our stocks are large, it may sometimes happen that we are sold out of certain sorts. Will you, therefore, in ordering, designate a few extra sorts to be sent in case the stock of any special Rose should be exhausted?

Most of our field-grown Roses are taken up in the fall, planted in pots and carried over in cold frames for quick and convenient handling the following spring. This, however, does not make them pot-grown, as many "cheap" Roses are. All are strictly field-grown, hardy, sturdy specimens, which will give satisfactory results under normal conditions. All our roses reach you properly pruned, ready to set out.

**Special Notice** All plants offered on this and the following pages can only be sent by express, the purchaser paying transportation charges, except where quoted prepaid.

## Hardy Climbing Roses

These are splendid for covering porches, trellises, screens, etc. They thrive in the most exposed situations and bloom abundantly, producing large clusters of flowers.

### A Glorious New Climbing Rose

#### Tausendschoen, or "Thousand Beauties"

A magnificent Climbing Rose excelled by none, not even the "Crimson Rambler." Imagine a Rose producing on the same bush so many different colored flowers that it is impossible to describe the variations. A single cluster of the flowers is a bouquet in itself; hence the very fitting name, "Thousand Beauties." Blooming very profusely from the beginning of June until the last of July, the flowers appear in large clusters, 10 to 15 in a cluster, are of splendid size and quite double. The colors run from soft blush pink through the intermediate shades of bright rose and carmine, tinted with white and yellow. For climbing over porches or trellises or for single specimens, or any place where a strong growing Rose is desired, it is sure to please.

### New Hardy Climbing Rose American Pillar

A most valuable new form, notable for its unusually thrifty growth and enormous production of flower clusters. Large, single rosy pink flowers appear in June and last for weeks. Their intense brilliancy is emphasized by a tint of white in center, which surrounds the showy yellow stamens. American Pillar is noted for its freedom from disease, the healthy foliage clothing the bushes in a pleasing coat of green all summer. Forms clusters of brilliant scarlet seed pods in fall.

### Crimson Rambler

(See illustration of spray above)

The finest and most famous climbing Rose in cultivation. It is perfectly hardy and an exceedingly vigorous, hardy grower, making shoots from 10 to 12 feet high in a single season. The flowers are a rich, vivid crimson, borne in magnificent pyramidal clusters, each cluster a perfect bouquet in itself. When in full bloom, the bush is completely covered with flowers from top to bottom, making it a vivid, crimson mass of beauty. Elegant for porches or garden house. Support it by tying branches to strong wire netting. Spray in spring and fall to fight mildew, which frequently attacks crimson Ramblers.

**Dorothy Perkins** (Pink Rambler)—Of great hardiness, vigor, beauty and freedom of bloom. (See illustration.) Stands severe winters unprotected; grows often 10 to 12 feet in one season; blooms in clusters; fine shell-pink color; large for the class; fragrant; foliage deep green.

**White Dorothy Perkins** A worthy companion to "Pink" Dorothy Perkins described above. As thrifty and free-blooming as a Crimson Rambler.

**Philadelphia Rambler** Flowers produced in grand clusters, each flower 2 to 2½ inches across; double to center; pure deep crimson; brighter than any of this class, and holds color to the last; handsome foliage; blooms early and bountifully.

**Prairie Queen** Extra fine; free bloomer; flowers extra large; color bright rose, sometimes striped white.

**Baltimore Belle** Pale blush, shading to rose color; double flowers in large clusters; vigorous; very rapid growing.

**Price** All above Climbing Roses: Large Field-grown Plants, 40c. each; \$3.50 per doz. prepaid. By express at customers' expense, 35c. each; \$3.00 per dozen.

## The Rugosa Roses

Sturdy bushes 3 to 5 feet in height, with handsome glossy green foliage and clusters of beautiful single flowers, which are exquisitely fragrant. They bloom all summer from June, and in the autumn and winter are very attractive, being covered with large, brilliant red seed pods. Healthy, vigorous grower; entirely free from insects; splendid as single specimens or as hedge.

**Blanche Double de Coubert**—Elegant new double white sort. Blooms profusely and the flowers are delightfully fragrant. Perfectly hardy. One of the best Rugosa Roses in cultivation. 40c. each; \$4.00 per doz.

**Conrad F. Meyer (Hybrid Rugosa)**—Full in form, beautiful pure silvery white color and deliciously fragrant. Each, 35c.; doz., \$3.50.

**Rugosa Rosa**—Glossy-crimson. Each, 35c.; doz., \$3.50.

**Rugosa Alba**—Pure white. Each, 35c.; doz., \$3.50.



Dorothy Perkins.



Grown and  
Sold by

The Livingston Seed Co. Columbus  
Ohio



FRAU KARL DRUSCHKI



## The Best Hardy Hybrid Perpetual Roses

We have taken the greatest care in selecting for you the following list of Hardy Hybrid Perpetual Roses. The most distinct and valuable colors and shades are included. All sorts are noted for vigor, hardiness, productiveness and size, and are perfectly hardy in your garden.

### Frau Karl Druschki, or Snow Queen (See Illustration Above)

This magnificent Rose is the only absolutely pure white rose ever introduced. A cross between the Madame Caroline Testout and that grand old white Rose, Merveille de Lyon. It possesses the free-blooming qualities of the former and the robust growth of the latter; it throws up enormous shoots, which are covered with hundreds of snow-white blossoms. The foliage is a deep green and very leathery and not subject to mildew or the ravages of insects, as is the case with many less hardy varieties. A succession of blooms may be had from this variety during the entire Summer if proper care is exercised in trimming after the first bloom, and, unlike many other varieties of hardy roses, which flower but once during a season, the Frau Karl Druschki will continue to produce scores of snow-white blossoms if, after the first flowering period, the shoots from which the bloom came are cut back close, leaving perhaps three or four eyes of the new growth. It will thrive in almost any soil and is as hardy as an oak.

**Anna de Diesbach** Brilliant rose color, with long, pointed buds, and large perfectly-formed blossoms.

**Clio** The finest flesh-colored hybrid perpetual Rose grown. The flowers are perfect in form at all stages, from the dainty bud to the full open flower; strong, vigorous grower, profuse bloomer; color delicate satin blush.

**Conrad F. Meyer** Deep, bright pink flowers of the same intense fragrance as the old June roses. They are large, perfectly double and of elegant cup-shape. A vigorous grower, free bloomer—one of the best roses.

**Eugene Furst** Deep red, shaded crimson. Large flowers of full, fine form. Blooms profusely and constantly. A very meritorious sort.

**General Jacqueminot** Of bright, velvety crimson color. Buds and flowers are of magnificent shape and size. An old sort of great merit.

**Jubilee** Bright, glowing crimson. Long, graceful buds, which develop into very large, double flowers of great beauty.

**J. B. Clark** Deep scarlet, overlaid with crimson. While it really belongs to the class of Hybrid Tea Roses, its great hardiness and the wonderful qualities make it deserving of a place in every garden.

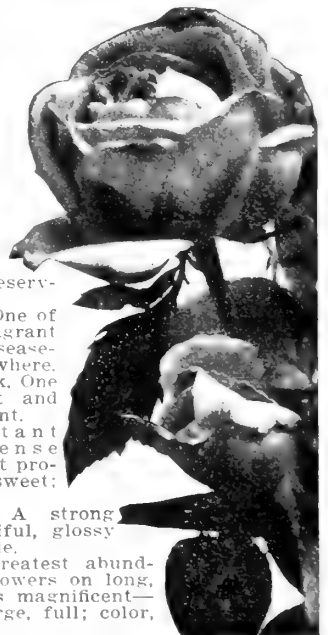
**Madame Masson** Bright red. One of the most fragrant roses we know, also free-flowering, disease-resisting, and it succeeds nearly everywhere.

**Magna Charta** Bright, deep pink. One of the hardiest and best garden Roses. Very large, fragrant.

**Mrs. John Laing** Splendid constant bloomer; immense flowers, full and double, borne in great profusion on long, stiff stems; very sweet; color, clear, bright pink; hardy.

**Paul Neyron** Clear deep pink. A strong grower, with beautiful, glossy green foliage. Flowers are very double.

**Ulrich Brunner** Produces in greatest abundance, once perfect flowers on long, strong, almost thornless stems. Buds magnificent—long, pointed; flowers bold, extra large, full; color, rich velvety crimson.



Ulrich Brunner

**PRICES**—Above Hardy Hybrid Perpetual Roses, Strong Two-year-old Field-grown Bushes, 40c. each; doz., \$4.00, delivered anywhere in the United States. By express, not prepaid, \$3.50 per doz.

# Catalog of "True Blue" Seeds



Pink Maman Cochet.



White Maman Cochet.

## Four Superb New Roses for 1912

**Indiana (H. T.)**—Of unique color—a warm, water melon red. Blooms freely and flowers are of finest form. Excellent garden rose, well adapted to bedding.

**Molly Sharman Crawford (Tea)**—A grand, snow-white sort of elegant form and large size. Blooms freely and continuously; plants are exceptionally thrifty and branch freely. A fine white bedding variety.

**Lady Ursula (H. T.)**—A most beautiful flesh pink of good form and substance. Produces its wonderful circular, delicately perfumed flowers in greatest abundance. A free grower and great disease resister.

**Madame Second Weber (H. T.)**—Rosy salmon or flesh pink. Long, pointed buds and enormous blooms which deepen in color as they expand. Particularly beautiful.

**Prices** Of above 4 superb new sorts, strong field-grown plants 40c. each; \$4.00 per dozen, postpaid. By express, not prepaid, 35c. each; \$3.50 per dozen.

## Best Hybrid Tea and Tea Roses

**Maman Cochet, Pink** Brilliant pink. The beauty and exquisite form of this variety is simply marvelous. The buds are extra-large and elegantly pointed. The grand flowers are perfectly double, of great depth and splendid substance. Hardy in all sections of the country. (See illustration.)

**Etoile de France (H. T.)**—A lovely shade of clear crimson. Very fragrant and the magnificent, well-shaped flowers keeps a long time. One of the finest roses ever sent out.

**Etoile de Lyon**—One of the Hardest of Yellow Tea Roses. It is of vigorous, sturdy growth, and seems able to resist either heat or cold equally well. It blooms freely, producing beautifully-formed flowers of a rich golden yellow. A great favorite everywhere.

**Freiherr von Marschall (Tea)**—Perhaps the finest bright red sort in existence. Fine long, well-shaped buds and elegant double, very fragrant flowers adorn the plants all season.

**General McArthur (H. T.)**—True ever-blooming Rose of great fragrance; color, brilliant scarlet; a strong grower; very lasting when cut; hardy with slight protection.

**Gruss an Teplitz (H. China)**—Scarlet, changing to velvety crimson—the richest red among red Roses. It is a healthy, vigorous grower and most profuse bloomer. Flowers very large and fragrant; blooms constantly.

**Kaiserin Augusta Victoria**—Elegant large pointed buds and very large, full double flowers; delicate creamy white; deliciously fragrant; strong stems; rich, glossy foliage. One of the finest Hybrid Teas.

**White Killarney (H. T.)**—An offspring of the famous pink Killarney as described next. It is identical with it except that the flowers are pure white.

**Maman Cochet, White** Identical with the pink cochet except in color, which is snow-white. It is a splendid sort, very large and fragrant, of elegant form and very free-flowering. They are the finest hardy, ever-blooming Roses for outdoor culture and deserve a place in every garden. (See illustration.)

**Killarney (H. T.)**—This splendid new Irish Hybrid Tea Rose is a strong, vigorous grower and very hardy. There is no Rose we know in this class that blooms more freely than Killarney. Buds large, long and pointed. The color is an exquisite brilliant pink, almost sparkling and very beautiful.

**Madame Jules Grolez (H. T.)**—(Also called Red Kaiserin Augusta.) An exceedingly free-blooming variety, with very large, finely-formed flowers. The color is a distinct and charming shade of cherry-red. The fine form and attractive shape of the flowers makes them excellent for cutting. Of great value for open-ground culture. It is a remarkably strong-growing variety, as hardy as the Hybrid Perpetuals, free-blooming and in every way excellent.

**My Maryland**—Intense pink of finest form and substance. Grows luxuriantly and blooms freely.

**Ehea Reid (New) (H. T.)**—Vivid scarlet-crimson. One of the most popular Roses ever introduced. "As large as the American Beauty, as double as the La France and as red as the Richmond." It has a strong, disease-resisting constitution, makes a very rapid growth and throws up a profusion of canes from the roots. The flowers are marvels of beauty, large, bold and of good substance.

**Souv. Pres. Carnot (H. T.)**—Large, full, double flowers, with heavy, thick, shell-like petals; buds long and pointed; delicate rose-blush, shaded deeper at center; strong, free bloomer.

**Price** Of all Hybrid Tea Roses: Strong, two-year-old, field-grown Bushes, each, 35c.; dozen, \$3.50, delivered anywhere in the United States. By express, not prepaid, dozen, \$3.00.



## Livingston's Reliable Strawberry Plants

Plant in March, April or May—the earlier in the spring the plants are set out the better they will do—on good ground, deeply worked and well manured. Set the plants in rows 3½ feet apart and 15 inches apart in the rows for field culture. For the kitchen garden, plant in finely prepared beds, setting the plants 15 inches apart each way. Cover lightly late in the fall with straw or very coarse stable manure, and uncover the plants early in spring, leaving this covering around the plants as a mulch to keep the fruit clean. Remove this mulch after fruiting, or spade in with light dressing of manure. To grow large berries, and plenty of them, fertilizers must be used freely. Unbleached wood ashes are especially good; ground bone is also fine for strawberries. Do not plant deep, but be sure to press the soil very firmly about the roots of the plants. Should the weather suddenly become warm, shade valuable plants for a few days with a handful of coarse litter over each plant.

☛ We would request our customers to send us their orders for Strawberry Plants by April 15th, or before, although we can usually supply plants until May 15th. Order your Strawberry Plants early.

Our prices are what we think will rule for good, reliable plants, but are subject to market changes after about March 1st. We will be pleased to make special prices for larger quantities than here quoted. Write us for prices, stating about what is wanted in kind and quantity.

Prices quoted are Net Cash for Spring Delivery. No plants will be shipped C. O. D.

Plants by Mail—Plants are packed with Sphagnum Moss and oiled manilla paper, so that they go safely to any part of the United States.



Type of Plants we send out.



Plants reach you in bundles of 25.

## Livingston's Four Finest Strawberries

Lovers of Strawberries consider them the most delicious of earth's products, and it is certain that the big, juicy, firm, rich red berries offered in this collection are fit for a royal feast. After long trials and careful comparison we have selected from all the known sorts the varieties offered below as the four most desirable and luscious Strawberries for the home or market garden. They are all uniformly large, handsome, rich colored and delightfully flavored. They make an ideal collection for the family garden. Our stock of plants of these superb varieties is exceptionally fine. We grow them ourselves and have raised an immense stock at our True Blue Nurseries and devote special care to produce good, strong, well-rooted plants.

☛ Orders are filled with plants freshly dug from the ground and reach our customers in the best possible condition.

**Bubach (Imperfect)**—A splendid variety of the very largest size; the quantity of the fruit produced is simply enormous. The ground about the plants is often literally covered with the large, luscious fruits. Shape round, slightly flattened; flesh medium firm, meaty, fine grained and quality good. The color is a rich bright red, with waxy surface. It ripens evenly, and the color extends clear through the fruit. The foliage is a dark, waxy green, with spreading habit; leaf and fruit stems short. We have tried this variety on sandy loam, on clay and on black soil, and each test gave very satisfactory results. Late. Exceptionally good for home use or market, but perhaps too large for a shipper.

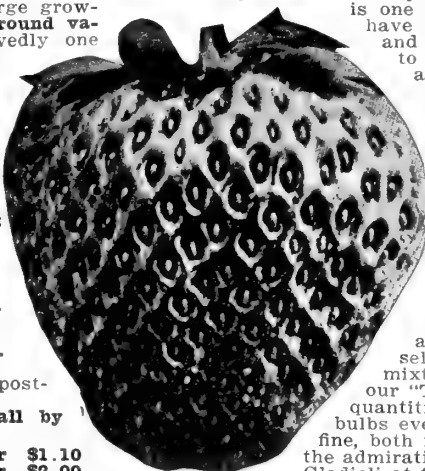
Price—Postpaid, by mail, doz., 35c.; 50 for 55c.; 100 for \$1.00. By express, not prepaid, 100 for 75c.; 500 for \$2.50; 1000 for \$4.50.

**Senator Dunlap (Perfect)**—Many large growers pronounce this "the greatest all round variety ever introduced." It is deservedly one of the most popular of all Strawberries. It is wonderfully productive. The fruits are very large and of handsome, regular shape and uniform size; the color is a rich, deep red, with glossy surface and prominent golden yellow seeds. The meat is a rich red, exceedingly juicy, sweet and delicious. Price—Postpaid, by mail, doz., 35c.; 50 for 55c.; 100 for \$1.00. By express, not prepaid, 100 for 60c.; 500 for \$2.25; 1000 for \$4.00.

**Clyde (Perfect)**—Gives entire satisfaction in all parts of the country. It is perfectly healthy and exceedingly prolific, producing in great quantities its large, waxy, conical-shaped berries. In color it is very attractive, being a bright crimson on one side and a rich, creamy pink on the other. It is regular in shape and uniform in size. The flesh is a deep pink of delicate flavor and fine texture. Very fine for canning, as it retains its flavor. The berries are very firm and for this reason are desirable for shipping to distant markets. First class pollenizer for Haverland. Early.

Price—Postpaid, by mail, 35c. doz.; 50 for 55c.; 100 for \$1.00. By express, not prepaid, 100 for 75c.; 500 for \$2.50; 1000 for \$4.50.

**Haverland (Imperfect)**—Grand market berry; should be planted with Clyde or some other good pollenizer. This is one of the handsomest berries of which we have any knowledge. In shape it is round and full at the stem end, gradually tapering to a blunt point. The bright yellow seeds are rather prominent and add to its attractive appearance. The size is very large. The color bright red on the upper side and a slightly lighter shade on the under side. The flavor is very fine. Price—Postpaid, by mail, doz., 35c.; 50 for 55c.; 100 for \$1.00. By express, not prepaid, 100 for 60c.; 500 for \$2.25; 1000 for \$4.00.



Haverland.

### Livingston's "Brilliant Beauties" Gladioli

Deserve your special attention. Please consult page 116 and note the exceptionally low price at which we can afford to sell our "Brilliant Beauties." We grow this mixture of gorgeous sorts in the rich soil of our "True Blue" Farm and harvest tremendous quantities of well-developed and well-ripened bulbs every year. Our stock this season is extra fine, both in quantity and quality. The fields were the admiration of all who saw them. Plant plenty of Gladioli at the price we offer this mixture. They are unsurpassed as cut flowers, lovely and showy beyond description. Consult page 116.

### Special Collection Offer

Of the Four Finest Strawberries Described Above

- 1 Dozen Plants of each (48 in all), 75c. postpaid; 50c. by express, not prepaid.
- 25 Plants of each (100 in all), \$1.25, postpaid, or 80c. by express, not prepaid.
- Prices of following Collections are all by express, not prepaid:
- 50 Plants of each (200 in all)..... For \$1.10
- 100 Plants of each (400 in all)..... For \$2.00
- 500 Plants of each (2000 in all).... For \$7.50
- 1000 Plants of each (4000 in all).... For \$14.00



# Catalog of "True Blue" Seeds

## Spraying Tools and Requisites

If we would spray intelligently we would have more and better fruits, vegetables and flowers

The many complicated and complex conditions with which we are surrounded make it impossible for fruit and vegetable growers to keep the grounds entirely free from fungus diseases and insects. The best we can do is to control them by the proper use of remedies that have been found most effective by competent experimenters. So long as the foes cannot be exterminated the battle must be kept up, and he who expects perfect fruit and vegetables must take advantage of every known help in the fight. We have endeavored in the following list to offer only thoroughly tried tools and remedies of proven value. If you want an abundant harvest, select such apparatus and remedies as will help you most effectively in your battle and start the fight early.

### "Ideal" Spraying Outfit

This outfit has been designed to fill the requirements of the small Orchardist, Gardener and Fruit Grower—those who need something larger than a bucket and not so large as the barrel and power outfits.

It is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

Ideal Spraying Outfit.



The Pump barrel is 1½ inches in diameter, 7 inches in length. The valves are bronze balls, which allows free passage for the liquids and prevents clogging. Both valves are removable. The pump handle is of iron and extra long and a pressure of one hundred and fifty pounds can be easily maintained with it.

A mechanical agitator keeps the liquid well stirred. A fine strainer at the opening in the suction pipe prevents anything getting into the working parts. Two outlets for liquid are provided and the pump has the following equipment:

10 feet ¾-inch Pressure Hose; 10 feet Pipe extension, in three pieces; 1 T Handle Shut-off Cock; 1 Brandt "Ideal" Nozzle.

Shipping weight, crated, 65 pounds. Price by freight or express, \$20.00.

### The Simplicity Automatic Sprayer (All Brass)

**Operates by Compressed Air.** This is adapted to be carried from the shoulder.

To operate, put 3½ gallons of liquid in tank, pump up 50 lbs. air pressure (about thirty full strokes), and the outfit is ready for use by opening the stop cock. The tank can be recharged while the sprayer is working.

The valve is so arranged that the washers may be renewed without removing the pump from tank. By turning the handle so as to engage a claw device on it, the handle will serve as a convenient means for transporting the outfit.

The equipment includes 1½-inch by 18-inch brass air pump; 4 feet of discharge hose; one 2-foot length of spray pipe; one shoulder strap for converting to knapsack; one funnel strainer, one stop cock; one misting nozzle; one general spraying nozzle; one solid stream nozzle for fire extinguisher. Weight of Sprayer, 15 lbs. Price, \$9.10.

Simplicity Sprayer.



### The "Perfection" Sprayer

This high pressure type is larger and much more powerful than anything in its class, and is as near burst-proof as it can be made. The barrel is 7½ inches in diameter, 20 inches high. The pump is 1½-inch seamless brass tubing. The valves are METAL. The top is fastened like the best makes of fire extinguishers. The hose is 5-ply. The nozzle is of the Automatic type. Capacity of Sprayer, 3½ gallons. Weight, 9½ lbs. All Sprayers tested to 60 lbs. before leaving factory.

This Sprayer handles whitewash, water, paints, Bordeaux mixtures, etc., perfectly. For whitewash and all heavy mixtures it is necessary to use a No. 2 Cap in nozzle, which is furnished with Sprayers.

Price, All Brass, \$7.65; Galvanized, \$5.50.



Perfection Sprayer.

### Myers' Little Giant Bucket Spray Pumps

(See Cut)

Constructed entirely of brass, which is not affected by the poisons used in spraying fruit trees, vines and shrubbery. Are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up, which has the effect of holding the pump down. The foot-rest steadies the pump. Will throw a solid stream 50 feet and are very useful for washing windows and buggies, sprinkling lawns, flowers, etc. Price, with Rubber Hose, \$3.00. With 8-foot Extension Rod, \$3.50.



Myers' Little Giant Bucket Spray Pump.

### Brownie Dry Powder Gun

A splendid machine for distributing insecticides in a dry form. A great time saver. One man can cover one acre an hour. Directions accompany each machine. Price, \$4.00.

### Leggett's Champion Dry Powder Gun

An excellent machine of greater capacity than the Brownie. Price, \$8.00.

### Lowell Dust Gun

For applying dry powders, such as Slug Shot, White Hellebore, Paris Green, etc. Rapid, and economical. (See cut, p. 125.) Price, \$1.00; post-paid, \$1.30.



**Eclipse Barrel, or Tank Spray Pumps**

The Eclipse Pumps are without doubt the most practical of any offered. The originators are today extensive fruit growers and know just what is needed. They first made them for themselves; then the neighbors wanted them; now everybody wants them.

**Eclipse No. 4**—All working parts are of the best red and seamless brass. Detachable Cylinder, New Automatic Adjusting Plunger, "Eclipse" Agitator, Patent Valves and Cage, Steel Air Chamber, Cylinder 1 1/2 inches in diameter, stroke 4 to 5 inches, capacity 60 to 75 gallons per hour, reduced to a fine mist; carries one double Vermorel Nozzle or two single; large or small opening. **Price, Pump alone, \$3.00.**

**Eclipse No. 4, Outfit B**—Pump, complete, with 6 feet of best 3/4-inch Hose, 6-foot Iron Extension Rod, Leakless Cock and Double Vermorel Nozzle, with new swivel joint and extra caps for long distance work. **Price, complete, ready to go to work, \$12.00.**

With Brass-lined Bamboo Extension Rod, instead of iron, **\$13.00.**

Brass Air Chambers in place of iron, **\$2.00 extra.**

**Eclipse No. 5**—Similar to above, but has cylinder 2 1/2 inches in diameter. Air Chamber 2 1/2 x 30 inches; malleable iron Clinch Plate and Lever; Steel Air Chamber; Brass Base, Cylinder, Valve and Cage, Discharge Tube and Agitator. Capacity 125 to 150 gallons per hour, intended for 3 nozzles. **Price, Pump alone, \$10.**

**Eclipse No. 5, Outfit B**—With 8 feet Hose, 1 Bamboo Brass-lined Extension Rod, Leakless Cock and 1 Double Vermorel Nozzle, **\$15.00.** With brass Air Chamber in place of steel, **\$2.50 extra.**

**Eclipse No. 407, Outfit D**—Same as Outfit B, with the addition of 8 feet of Hose, 8 feet of Bamboo Extension Rod, and Double Vermorel Nozzle. Double Outfit, complete, **\$20.00.**

Brass Air Chamber in place of steel, **\$2.50 extra.**

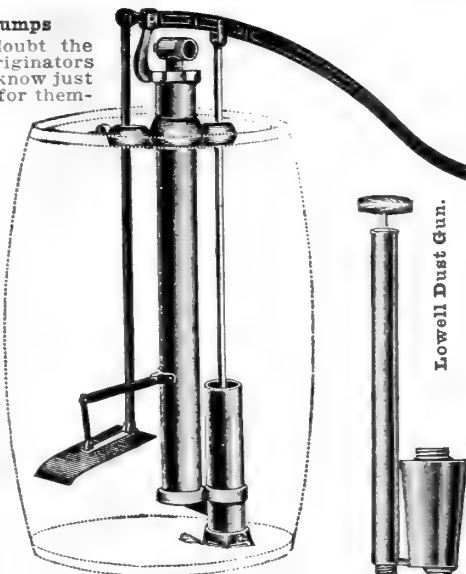
**Myers' Improved Barrel Spray Pump No. 305 B.**

**No. 305 B**, with mechanical agitator, Fig. 1394, complete with 15 feet of 3/4-inch five-ply discharge hose and Myers' graduating Vermorel nozzle. **Price, \$10.00.**

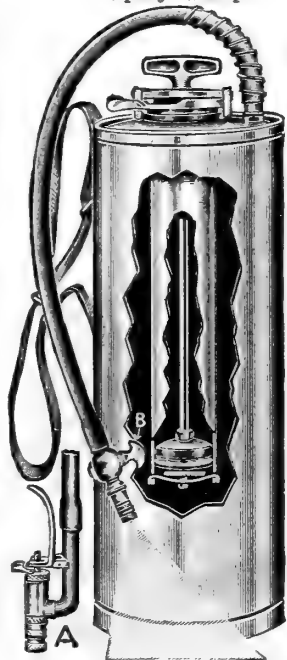
**Friend's Nozzle.**

(See illustration to right, below.)—The original large spray nozzles, doing away with the cluster. They have no horns or hooks—nothing to catch, drip or clog; make the finest mist-like spray and drive spray farther into the trees than cluster nozzles.

The "Angle" sprays up under the leaves and down into the calyx. The "Regular" is for ordinary work. State which is wanted. **Price, \$1.00 each; if to go by mail, add 5 cents each for postage.**



**Eclipse Barrel or Tank Spray Pump.**



**The "Auto-Spray."**

**The "Auto-Spray"**

Works automatically for 6 to 15 minutes, according to the nozzle opening. It may be started in 15 seconds by a few strokes of the plunger.

The "Auto-Spray" has a capacity of four gallons, and when properly charged contains three gallons of solution and one gallon compressed air. Eight to twelve strokes of the plunger will compress the air, and two pumpings will discharge the entire contents. Three gallons of solution or one charge will easily cover one-half acre of potatoes or other similar crop. **Galvanized Iron Tank, with Auto-Pop Nozzle, \$5.50; Solid Brass Tank, with Auto-Pop Nozzle, \$7.65.**

**Auto-Pop Spray Nozzle**—In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. **Each, \$1.25.**

**Extension Rods for Auto-Spray, 2 feet long. Each, 50c.**

**Garfield Knapsack Sprayer**

(See illustration below)

Made entirely of brass and copper. Tank holds 4 gallons, has 4 feet best rubber hose, brass pipe 15 inches long and Combination Vermorel Nozzle attached. Without Agitator, **Price, \$11.00.**

**Improved Vermorel Nozzle**

The greatest economy of spraying liquid may be secured by using this Nozzle. **Price, 1-inch, with 2 caps A, 90c. Postage 6c. extra.**

**Angle Rubber Sprinkler**

This Sprinkler is designed for applying water or liquid insecticides on the underside of leaves and foliage. **Price, \$1.00; by mail, \$1.10.**

**Rubber Sprinkler**

Size No. 1, **\$1.10**, postpaid; No. 2, **\$1.00**, postpaid; No. 3, **90c.**, postpaid. If by express or freight, deduct 10c. each from above prices.

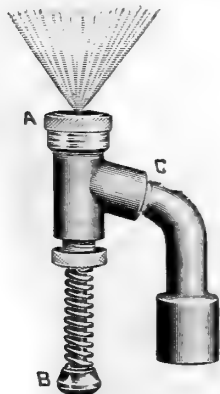
**Non-Clog Atomic Nozzle**

A new nozzle of large capacity and force. Can be regulated so as to throw a very fine and wide angle or a very long concentrated form of spray. One of the best nozzles. **Price, \$1.25, postage 5c. extra.**

**Calla Nozzle**—A cheap but reliable Nozzle. Has two grades of spray and a solid stream, governed by slide shown in cut. One of the longest distance nozzles in use. Especially good to apply white-wash in poultry houses, etc. **Price, 75c.; by mail, 80c.**

**Park's Sprayer**

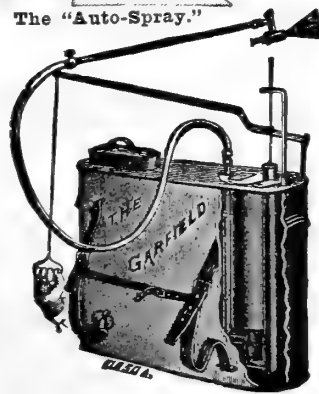
Simple and cheap for spraying shrubs and plants with water or insecticides. The agitator inside of the Glass Mason Fruit Jar rattles around loosely and keeps the liquid thoroughly mixed while using. (See cut.) **Each, \$1.00.** Cannot be mailed.



**Vermorel Nozzle.**



**Calla Nozzle.**



**Garfield Knapsack Sprayer.**



**Friend Nozzle, Angle Spray.**



**Friend Nozzle, Regular Spray.**

All Goods on this Page are Shipped at the Purchasers Expense unless quoted "Prepaid."

# Catalog of True Blue Seeds

**Steel Swinging Brackets**  
Made of steel. Artistic in design. Finished in black; very handsome. Spring clasp prevents pot from falling. No. 1, for 5-inch pots, has 8-inch arm. No. 2, for 6-inch pots, has 10-inch arm; each, 35c.; doz., \$3.50. No. 3, for 7-inch pots, has 12-inch arm; each, 40c., doz., \$4.00. If the Brackets are to be sent by mail, 15c. each must be added for postage.

**Van Beyper's Glazing Points**  
Per box of 1000, 60c.; postage, 16c. per 1000 extra. Lots of 500 and over, per box, 55c. Finchers for driving, 60c., postpaid, 75c.

**Siebert's Glazing Points**  
5-inch size, 1200 to lb., per lb., 40c., postage 16c.; 4-inch size, 800 to lb., per lb., 40c.; postage 16c.

**Neponset Flower Pots**  
Unbreakable, much lighter in weight than clay; are the cheapest and best flower pots on the market. For lightness, cleanliness, and cheapness have no equal.

	Per 100	Per 1000	No. in Crate
2 1/4 inches...	\$0 25	\$2 42	1000
2 1/2 inches...	30	2 78	1000
3 inches...	45	3 82	1000
3 1/2 inches...	60	5 24	1000
4 inches...	80	6 60	500
5 inches...	1 20	10 96	500
6 inches...	1 65	14 68	500

**Wood Pot Labels**  
Painted Pot Labels—Best made. Put up in packages of 1000 each.

4 x 4 inch.....	per 1000	\$0 70
4 1/2 x 4 inch.....	"	80
5 x 4 inch.....	"	95
6 x 4 inch.....	"	1 20
10 x 4 inch.....	"	2 50
12 x 4 inch.....	"	3 00

**Wood Garden Stakes**  
For Labeling. Painted.

8x 3/4 inch..Per 100	45c	Per 1000	\$3 70
10x 3/4 inch.. "	60c	"	4 80
12x1 1/4 inch.. "	75c	"	6 00

**Eureka Fumigators**  
Made of Best Galvanized Iron.

For greenhouse 10 x 20 feet.....	\$1 25
" " 12 x 40 feet.....	1 75
" " 15 x 100 feet.....	2 25
" " 20 x 100 feet.....	3 25

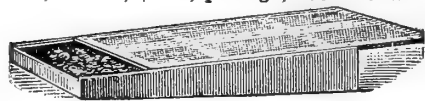
**Plant Bed Cloth**  
A protecting Cloth of Waterproof Fiber; excellent substitute for glass. We sell thousands of yards yearly and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each. Heavy Grade, per yard, 15c., postage 6c. extra; by the piece, 40 to 60 yds., per yd., 13c. Medium Grade best for general purposes, per yd., 10c., postage 5c. extra; by the piece, 40 to 60 yds., per yd., 8 1/2c. Light Grade, per yd., 5c., postage 4c. extra; by the piece, 40 to 60 yds., per yd., 4c.

**Hotbed Sashes**  
Best Cypress—3 1/2 ft. x 6 ft., unglazed, for 4 rows 8x10 glass. Each, \$1.25; 10 for \$12.00.

Our sales of Hotbed Sashes are increasing each season, so satisfactory do our customers find them.

**Putty Bulb**  
The best appliance for distributing putty. Used by a large number of leading florists, who have proven its merit. (See cut.) Each, 95c.; postage, 10c.

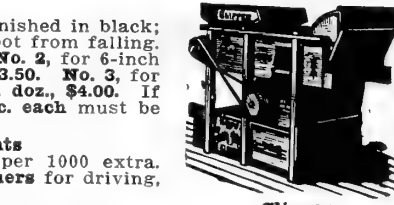
**Out o' Sight Mole Trap**  
Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hotbed under sash. The secret of mole catching is a good trap and to know their habits. Full directions with each trap. (See cut.) Each, \$1.00; postage, 25c. extra.



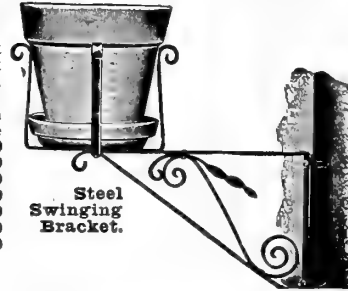
Plant Bed Cloth.



Christy Garden Weeder.



Clipper Grain Cleaner.



Steel Swinging Bracket.



Wiss' Steel Pruning Shears.



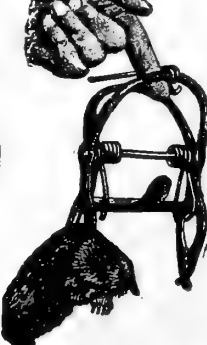
WATERS IMPROVED TREE PRUNER.



Rubber Putty Bulb.



Hazelbine's Hand Weeder.



Out O' Sight Mole Trap.



Lang's Weeder.



Garden Dibber.



Garden Trowel.

**Thermometer**  
Hotbed or Mushroom, \$1.00; postage, 10c. Greenhouse, 25c.; postage, 5c. Incubator, 75c.; postage, 5c.

**Waters' Tree Pruner (See cut)**  
4-foot..... \$0 65 8-foot..... \$0 85  
6-foot..... 75 10-foot..... 95  
12-foot..... \$1 00

**Pruning Shears**  
**Wiss' Solid Steel**—The best made; forged entirely of steel; blade of best cutlery steel, fitted to handle in a perfectly rigid manner. Easily removed. (See cut.) Each, \$1.75; postage, 20c.

**Common**—Very strong. Best steel blades and excellent spring. Each, 60c.; postage, 15c. extra.

**Draw Cut Pruning Shears**—The well-known two-handle shears. Light and powerful. The best made. Each, \$1.50.

**Hedge Shears**—Plain, 9-inch blades, \$1.75; 10-inch blades, \$2.00. Knotched, 9-inch blades, \$2.00; 10-inch blades, \$2.25.

**Pruning Saw**—Double Edge, 18-inch, 70c.; 20-inch, 80c.

**Knives**  
**Budding Knives**—Postpaid, by mail, 85c. By express, 80c.

**Pruning Knives**—Postpaid, by mail, \$1.15. By express, \$1.00.

**Bellows**  
For dusting plants with sulphur or like material. Two sizes, 6-inch, each, \$1.00; 8 1/2-inch, \$1.40.

**Clipper Grain and Seed Cleaner**  
We have used and sold the Clipper almost constantly for 20 years and pronounce it the best, strongest and most economical mill made up to date, and yet sells at the same price of any ordinary mill. No. 1, for general use, has 8 sieves (7 zinc), cleans grain and seeds of all kinds. Each, \$20.00. (See cut.)

Prices for larger sizes and Special Purpose Clipper Mills made on application.

**Garden Weeders**  
**Hazelbine Hand Weeder (see cut)**—In general use. Blade solid steel, tempered, 3/4 inch wide and 1/2 inch thick, sharpened on all edges. Each, 20c.; postage, 5c.

**Excelsior Weeder**—Very useful for weeding seed beds, stirring soil in hotbeds, colds frames, etc. Each, 10c.; postage, 5c.

**Lang's Weeder (see cut)**—Doz., \$2.25; each, 20c., postage 5c.

**The New Christy Garden Weeder**—This All-Steel Weeder has the famous Scalloped Cutting Edge of the Christy Bread Knife. (See cut.) Each, 20c.; postage, 5c. Smooth Edge, same price.

**Garden Dibber (See cut)**  
Each, 30c.; postage, 18c.

**Garden Trowels**  
**Trowels, Ordinary**—5-inch, 10c., postage 5c. 6-inch, 15c., postage 5c.

**Trowels, Solid Steel**—6-inch, 25c.; postage 10c.

**Cleves' Angle Trowels**—No tool equals it for removing dandelions, plantain, dock, etc., from lawns; does not injure the lawn and gets the weed every time, besides being a first-class transplanting trowel. Small size, 15c., postage 5c.; larger size, 30c., postage 10c.

**Garden Lines**—100 feet Braided Linen, 40c. Cotton, 25c.

**Turf Edgers**—For trimming edges of walks. Each, 75c., by express.

**Grass Hooks**—30c., by express only. At the prices given, Goods must be sent by express or freight at purchaser's expense, unless otherwise noted.



# Grown and Sold by *The Livingston Seed Co.* Columbus Ohio



## Fertilizers, Plant-Foods, Etc.

Special Prices to persons wanting in Ton or Car Lots. Fertilizer prices are f.o.b. Columbus, Ohio. Analysis of any of the fertilizers cheerfully given if desired.

**Bone Meal**—Our Bone Meal is evenly ground and especially adapted for drilling. For lawn use, 10 lbs. for 250 sq. feet. Price—10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

**Bone Flour**—Is especially adapted to florists' use. Gives the best results. 10 lbs., 50c.; 25 lbs., \$1.25; 100 lbs., \$2.50.

**Shredded Cow Manure**—Very best to mix with soil in which to plant flowers and almost all kinds of plants. Thoroughly decomposed, almost odorless and ready to use. Put up in bags. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

**Fruit and Root Crop Special**—Fine for hastening early maturity of crops and to give high flavor to vegetables. Very popular. 10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.00; 100 lbs., \$1.75.

**Bone, Blood and Potash**—Runs higher in its percentage of ammonia and potash. A splendid grower of early vegetables. Best all-round fertilizer. 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.25.

**Nitrate of Soda**—For early vegetable crops it will produce wonderful results. As the market price of Nitrate is subject to frequent changes, our prices are also subject to change without notice. 10 lbs., 75c.; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

**Land Plaster, or Gypsum**—Used by many potato and grain growers. 25 lbs., 40c.; 50 lbs., 60c.; per barrel of about 250 lbs., on cars, \$2.20; 5 barrels for \$10.00.

**Canada Hard-Wood Ashes**—Splendid as a lawn dressing. Should be applied late in fall or early in spring. Apply at rate of 75 lbs. to 1000 square feet. 50 lbs., 75c.; barrel of 200 lbs., \$1.75; ton, \$15.00.

**Sheep Manure (Pulverized)**—A pure natural manure and very nutritious for plants. For potting soil, mix one part manure to six parts soil. For vegetable garden, place directly in hills or drills. Promotes a rapid, steady growth until maturity. Splendid top dressing for lawns. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

**Blatchford's Plant Grower**—Odorless, highly concentrated, soluble food for house plants. Directions for using with each box. 1 1/2-lb. box, 50c., postpaid.

**Lawn Fertilizer**—Old and new lawns require stimulating after the winter, or in the fall after the season of cutting and heat of summer. For this purpose we recommend Wood Ashes, Sheep Manure or Bone Meal as being best adapted to the wants of the lawn. Write for prices on Muriate of Potash, "Kainit," etc.

## Insecticides, Fungicides, Etc.

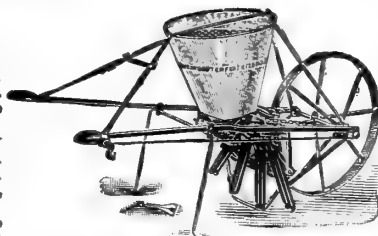
**Target Brand Weed Killer**—Keeps paths and roads free from weeds and grass. One gallon makes 50 gallons ready for use—enough for 150 yards of surface; applied with watering can. Directions on each can. By express or freight. 1 qt. can, 40c.; 1/2 gal., 65c.; 1 gal., \$1.00. Larger lots, special prices.

**Hammond's Slug Shot**—Non-poisonous; no danger to the person using it. It does not render vegetables or fruits on which it is applied injurious, and is the best insect destroyer ever offered for the destruction of potato bugs, worms and all insects that chew. Booklet, "Bugs and Blights in the Garden," sent free. Lb., 30c.; 3 1/2 lbs., \$1.00, postpaid. By express or freight, not paid, 5 lbs., 35c.; 10 lbs., 55c.; 50 lbs., \$2.45.

**Dusters for Slug Shot or other Powders**—1/2-gal. size, 30c.; gal. size, 50c.

**Tobacco Stems**—For fumigating plants infested with green fly, etc. By express or freight, lb., 5c.; 100 lbs., \$1.25; 500 lbs., \$5.00; ton, \$15.00.

**"Black Leaf" Tobacco Extract**—Used for destroying Scab, Ticks, Lice and insect pests on Sheep, Cattle, Hogs, and for spraying vegetables to destroy sucking insects. Pint can, 25c.



McWhorter Fertilizer Distributer.



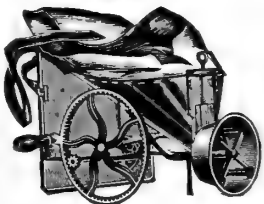
Columbus Corn Sheller.



New Prairie State Sand Tray Incubator No. 2.



THE LITTLE GIANT SEEDER



Cahoon Broadcast Seeder.

**Insecticides, Fungicides, etc.**—Continued.

**Tobacco Dust**—Is very effective, being leaves, not ground stems. Used on cabbage and in vegetable hothouses. Lb., 10c.; if by mail, postpaid, 30c. By express, 10 lbs., 40c.; 100 lbs., \$3.00.

**Bordeaux Mixture—Lion Brand**—A superb article, ready for immediate use. Works freely without clogging in any spraying machine. Keeps any length of time. One gallon to 50 gallons of water. Quart, 40c.; gallon, \$1.00; 5 gallons, \$4.00.

**Box Lime and Sulphur Solution**—An up-to-date remedy for San Jose scale and bark lice infecting fruit and shade trees. A superior fungicide and insecticide for summer use. Qt., 25c.; 1/2 gal., 50c.; gal., 75c.; 5 gal., \$2.00. Prices for larger quantities on application.

**Arsenate of Lead**—Is used largely with Bordeaux Mixture for spraying potatoes and fruit trees. Adheres much better than Paris Green. Lb., 25c.; 2 lbs., 45c.; 5 lbs., \$1.00.

**Sulpho-Tobacco Soap**—A sure, immediate and convenient exterminator of all insect life and vermin on plants, shrubbery, vines, small fruits and trees. Non-poisonous; splendid for house plants. 3-oz. cake, 10c.; by mail, 13c. 8-oz. cake, 20c.; by mail, 28c.

**Helpful little pamphlet, "The Window Garden,"** sent free with Sulpho-Tobacco Soap.

**Fir Tree Oil Soap**—Most excellent insecticide for greenhouses and house plants. 1-lb. tin, 25c. (by mail, 35c.); 5 lbs., \$1.75; 10 lbs., \$3.25.

**Whale Oil Soap**—Makes an excellent wash for trees and plants where insects and eggs affect the bark and for smearing on the trunks of trees to prevent worms from crawling up. Lb., 20c.; 2 lbs., 35c. If by mail, add 16c. per lb. for postage.

**McWhorter Fertilizer Distributer**

—For the practical and superior distribution of all commercial fertilizer. It distributes the fertilizer in a furrow, beside the growing crop, as a top dresser or as a broadcaster to any extent up to a uniform spread of over 2 feet, without removing or adding any part or loosening a bolt, and in any quantity from a few pounds to 40 or more pounds to the 100 yards of row. (See illustration.) Price, \$10.00.

**Columbus Corn Sheller**  
Shells any size ear from popcorn to large field corn. May be fastened to a board or on top of the fence. Always ready. (See illustration.) By freight or express, \$1.25.

**Cahoon Hand Broadcast Seeder**

For sowing any grain or grass seed. Sows a common walking gait 4 to 8 acres per hour. A saving of labor and one-third of the seed is effected by this machine. Reliable in all respects. (See illustration.) Price, by freight or express, \$3.50.

**Little Giant Seeder**

Strongest, Lightest and Easiest Running. Best and cheapest crank Seeder made in the quality of work done and durability. Will not get out of order nor be affected by dampness of the weather. Distributes all kinds of fertilizer, land plaster, ashes and seeds. We have sold it for years with good satisfaction. (See illustration.) No. 1 (Fiddle-Bow), \$1.50; No. 3 (Crank), \$1.75. Must go by freight or express.

**Poultry Supplies**

Incubators, Brooders, Bone Cutters, Grit, Shell, Bone, Medicines, Lice Killers, Fountains, Leg Bands, Etc.

We have a special descriptive and illustrated Poultry Supply Price List, which also contains complete list of Dog Remedies, Foods and Soaps. Will send to those interested.

**Prairie State Incubator**

We have the agency of Prairie State Machines for Ohio, and can ship them promptly to any desired point. Large illustrated descriptive list of both Incubators and Brooders sent free on application. Incubators (see cut), \$15.00 to \$38.00. Egg Tester free with order.

**New Prairie State Brooder**

Offers poultrymen the most satisfactory device for taking chicks from incubator and caring for them. Brooders, \$12 to \$20. Hovers, \$7 to \$8.

All goods on this page sent at purchaser's expense by freight or express, unless quoted "prepaid."



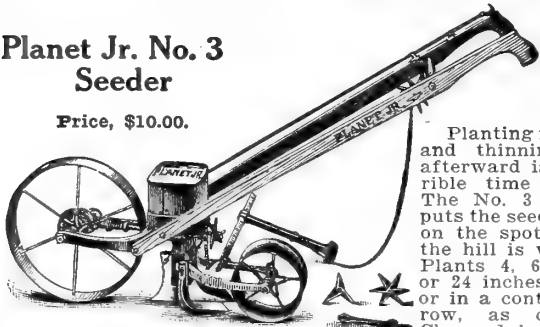
# Catalog of "True Blue" Seeds

## Planet Jr. Tools for 1911

Space will not permit showing and describing here all of the Planet Jr. Tools, but we will send a beautifully illustrated Catalog free to any who may desire it. Planet Jr. goods are different from all others—the best on the market.

### Planet Jr. No. 3 Seeder

Price, \$10.00.



Planting in rows and thinning out afterward is a terrible time waste. The No. 3 Seeder puts the seed right on the spot where the hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart or in a continuous row, as desired. Changed in a moment. Holds 3 qts.

### Planet Jr. No. 4—Combined Hill and Drill Seeder

Single Wheel Hoe, Cultivator and Plow

Price, Complete, \$10.50  
As a Drill only, \$8.50



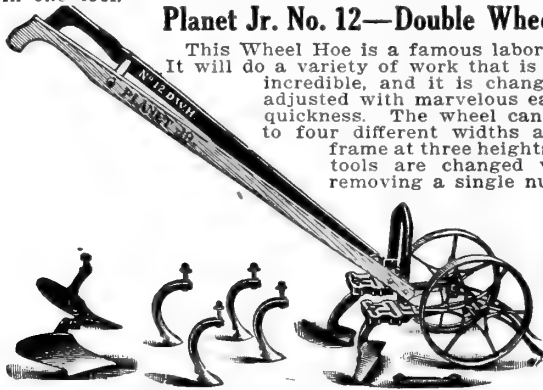
The Drill is the same style as No. 3 Seeder, but smaller. By moving only one bolt the drill is taken off and the tool frame attached, making it one of the best of the Planet Jr. Single Wheel Hoes. This gives you the "whole business" in one tool.

### Planet Jr. No. 12—Double Wheel Hoe

This Wheel Hoe is a famous labor saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheel can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut.

Fire Fly Plow \$2.25

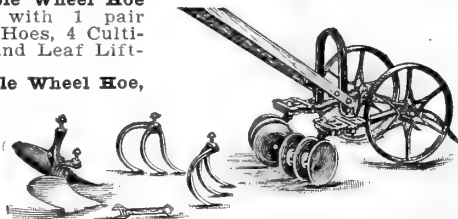
No. 11 Double Wheel Hoe, with 8 pairs of tools, \$8.50



No. 12 Double Wheel Hoe (see above), with 1 pair Plows, 1 pair Hoes, 4 Cultivator Teeth, and Leaf Lifters, \$6.50.

No. 13 Double Wheel Hoe, with Hoes only, \$4.25.

### Planet Jr. No. 14



This is a new tool. There are three discs, oil tempered on each side, which may be used all at once or two on a side as preferred. They may also be adjusted for depth and to throw the soil to or from the row. The set of prong cultivator teeth is a great improvement over old sorts.

No. 14 Double Wheel Disc Hoe, complete (see above) \$7.50.

No. 13 $\frac{1}{2}$  Double Wheel Hoe, with Discs only, \$5.50.

No. 3 $\frac{1}{2}$  Single Wheel Disc Hoe Cultivator and Plow, \$6.50.

No. 18 $\frac{1}{2}$  Single Wheel Hoe, with Discs only, \$4.25.

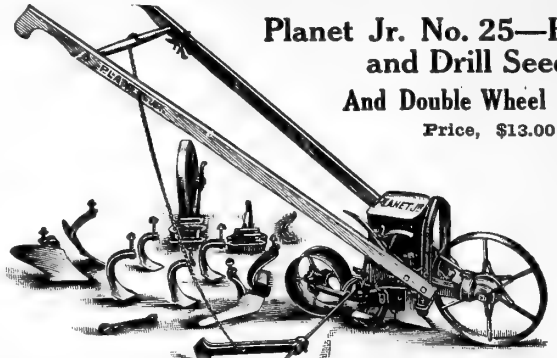
Disc Hoes (attachable to any machine), per pair, \$2.25.

Combination Cultivator Teeth (any machine), pair, \$1.30.

### Planet Jr. No. 25—Hill and Drill Seeder

And Double Wheel Hoe

Price, \$13.00



This new combined machine as a Drill is almost identical with the Planet Jr. No. 4 Drill; will sow in drills or hills 4, 6, 8, 12 or 24 inches apart. As a Wheel Hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment.

### No. 17—Single Wheel Hoe

A light, inexpensive and extremely efficient tool. Frames and handles are adjustable and wheel can be changed to the other side of the frame, when both sides of the row can be hoed at one passage.

Price, with all the attachments shown below, \$4.50.

### No. 18 Single Wheel Hoe

Same as No. 17, but with 6-inch hoes only.

Price, \$3.00.



### Planet Jr. No. 8, Horse Hoe

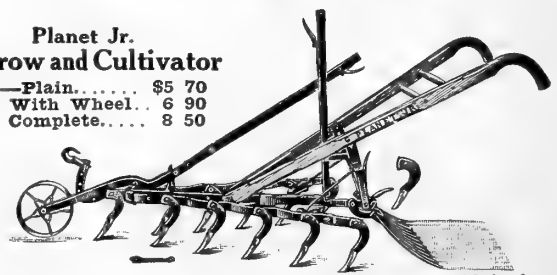
Will do more kinds of work than any other horse hoe. New Depth Regulator and Expander. Hollow Steel Standards. Strong; light. No gardener can afford to be without a Planet Jr. Horse Hoe.

Price, \$8.50.



### Planet Jr. Harrow and Cultivator

Price—Plain..... \$5 70  
With Wheel.. 6 90  
Complete.... 8 50



This Harrow has a high frame, contracting to 12 inches and expanding to 32 inches in width. Hand levers regulate both width and depth while in motion. The chisel-shaped teeth cut an inch wide and cultivate deep.

Strawberry Runner Cutter Attachment, \$1.85 extra.

# Farm, Garden, Fruit, Flowers, BOOKS Vegetables, Poultry, Etc.

Reading is but another department of gardening. Evenings may be devoted to reading some good books very profitably. Select such as are of special interest, read, make notes of valuable suggestions and plan to carry them out in your work. It pays to keep posted on all new methods. Often a single item will be found worth many times the price of the book.

## Farm and Garden

**Asparagus: How to Grow for Market or Home Use.** 174 pages, 5x7 inches, handsomely illustrated. Cloth, 50c.

**Broom Corn and Brooms.** How to raise Broom Corn and Make Brooms on a small or large scale. Cloth, 50c.

**Cabbage, Cauliflower and Allied Vegetables.** By C. L. Allen. 5x7; 128 pages. Illustrated. Cloth, 50c.

**Celery Culture.** By W. R. Beattie. Illustrated. 5x7; 143 pages. Cloth, 50c.

**Livingston's Celery Book.** 100 pages. Illustrated. Written expressly for us by Mr. E. J. Hollister, the most extensive practical Celery grower and shipper in the United States. IT IS A COMPLETE GUIDE FOR THE CELERY GROWER. Paper cover, 40c.; cloth bound, 60c.

**Smith's Corn Book.** Tells how to raise a hundred bushels per acre on worn soil. Price, \$1.00.

**Clovers and How to Grow Them.** By Thomas Shaw. Treats on the growth, cultivation and treatment of Clovers as applicable to all parts of the United States and Canada. Illustrated. 5x8; 337 pages. Cloth, \$1.00.

**Forage Crops.** By Thomas Shaw. An exhaustive work. Illustrated. 5x7; 287 pages. Cloth, \$1.00.

**Fences, Gates and Bridges.** How to make all kinds. 300 cuts, 188 pages, 5x7. Cloth, 50c.

**Forcing Book.** The cream of all information on forcing vegetables under glass. 266 pages, 5x7. Cloth, \$1.25.

**Farm Appliances.** Tells how to make them. 250 cuts, 192 pages, 5x7. Cloth, 50c.

**Farming with Green Manures.** 5x7; 269 pages. Cloth, \$1.00.

**Garden Making.** By Bailey. The beginner is shown how easy it is to raise Flowers, Fruits and Vegetables and beautify one's home grounds. 417 pages, 256 illustrations. New edition, \$1.50.

**Gardening for Pleasure.** By Henderson. \$1.50.

**Gardening for Profit.** A standard work, valuable as a reference book. Henderson. \$1.50.

**Grasses: How to Grow Them.** By Thomas Shaw. Illustrated. 5x7; 453 pages. Cloth, \$1.50.

**Ginseng.** Kains. Its cultivation, harvesting, marketing and market value. Illustrated. 5x7; 144 pages. Cloth 50c.

**How to Make a Flower Garden.** Written by experts and covers every branch of the subject. Very practical and suggestive, having been written from actual experience. Many lists of flowers and shrubs for special purposes and seasons are given, with directions how to grow each. 8x11; 370 pages; 200 fine half tone illustrations. Price, \$1.75.

**Landscape Gardening Applied to Home Decoration.** By Maynard. 338 pages, 5x7. Illustrated. Cloth, \$1.50.

**Landscape Gardening.** By F. A. Waugh. Treats general principals which govern the art of producing pictures with plants. Contains many excellent suggestions applicable to common gardening. 152 pages; illustrated, 50c.

**Money in the Garden.** A very practical work on vegetable gardening. 268 pages, 5x7. Cloth, \$1.00.

**Mushrooms: Edible and Otherwise.** By M. E. Hard. A Guide to the study of Mushrooms, with special reference to the edible and poisonous varieties, with a view of opening to the student of nature a wide field of useful and interesting knowledge. 624 pages, 500 beautiful illustrations, size 7x10. Handsomely bound. \$4.75. Postage 40c. extra.

**Mushroom Culture, Robinson's.** Illustrated. 172 pages. Cloth, 50c.

**Mushrooms: How to Grow.** 14-page booklet. 10c.

**Mushrooms: How to Grow.** Falconer. The best work on this subject published in America. 169 pages, 5x7. Cloth, \$1.00.

**New Onion Culture.** By T. Greiner. A complete guide for growing Onions for profit. 5x7; 111 pages. Illustrated. Cloth, 50c.

**Onion Book.** By 17 Successful Growers. Greatest value for the price. Paper binding, 20c.

**The Pruning Book.** By Bailey. A complete and practical book on the pruning and training of all kinds of trees and shrubs as applied to American conditions. 539 pages, 4x7. Cloth, \$1.50.

**Potatoes, A B C of.** By T. B. Terry, a thoroughly experienced Potato grower for years. Paper, 45c.

**Picturesque Gardens.** A magnificent book, beautifully illustrated, treating all forms of ornamental gardening. By Henderson. 168 pages, 10x12. Cloth, \$2.50.

**Principles of Vegetable Growing.** By Prof. Bailey. Gives the simplest directions for growing commonest things. Tells how to plant, prune, train and care for flowers, fruits, vegetables, bushes and trees. 250 pages, with many marginal cuts. Price, \$1.50.

**Rhubarb Culture.** New. How to Grow in Hotbed or Field. Half tone illustrations. 130 pages, 5x7. Cloth, 50c

**Sweet Potatoes, 40 Years' Experience.** Brown. 20c.

**Silos, Ensilage and Silage.** Complete instructions. Illustrated. 100 pages, 5x7. Cloth, 50c.

**The Gold Mine in the Front Yard.** How to improve your home grounds, be it small or large. A practical guide to the amateur in floriculture. 280 pages, 5x7½. Cloth, \$1.00.

**Tomato Culture.** By Will W. Tracy. A practical treatise on the Tomato. 5x7; 149 pages. Illustrated. Cloth, 50c.

## Fruits, Flowers, Bulbs, Etc.

**Bulbs and Tuberous Rooted Plants.** By Allen. Complete directions for their successful culture. 5x7 inches; 311 pages. Illustrated. Cloth, \$1.50.

**Best Method of Heating Greenhouses.** 13 essays. 25c.

**Carnation Culture.** By Lamborn. Tells the whole story. Third edition. Illustrated. \$1.50.

**Commercial Violet Culture.** Of great value to commercial or amateur growers. 224 pages, 4x7. Cloth, \$1.50.

**Flowers, and How to Grow Them.** Of especial value to amateurs. By Eben E. Rexford. Cloth, 50c.

**Fuller's Small Fruit Culturist.** Beautifully illustrated. 287 pages, 5x7. Cloth, \$1.00.

**Fuller's Grape Culturist.** Takes the palm for practical value. 282 pages, 5x7. Cloth, \$1.50.

**Greenhouse Construction.** Manual on building, heating, ventilating, arrangement, etc. 218 pages, 5x7. Cloth, \$1.50.

**Greenhouse Management.** A manual for florists on forcing flowers, vegetables, etc., in greenhouse. 128 cuts, 400 pages, 5x7. Cloth, \$1.50.

**Home Floriculture.** By Eben E. Rexford. New, elegantly illustrated. 300 pages, 5x7 inches. Cloth, \$1.00.

**Nursery Book.** By Bailey. Illustrated. 365 pages, 4x7. Cloth, \$1.50.

**American Apple Orchard.** By F. A. Waugh. A strong, practical and explicit work on the culture of the greatest of American fruits. Best book on the subject published. Illustrated, 5x7, 226 pages. Cloth, \$1.00.

**Dwarf Fruit Trees.** By F. A. Waugh, of Mass. Ag. Col. A guide to their propagation, selection and general management, with a chapter on bush fruits. 124 pages. Cloth, 50c

**Principles of Fruit Growing.** By L. H. Bailey. A comprehensive treatise on the growing of fruit trees, with suggestions as to best methods of selecting, planting, pruning, fertilizing, spraying and harvesting. 516 pages. Cloth, \$1.50.

**Practical Floriculture, Henderson's.** A standard work. Illustrated. 325 pages, 5x7. Cloth, \$1.50.

**The Rose.** By H. B. Ellwanger. Revised edition. The work contains full directions for planting, pruning, propagating and treating of diseases and insect pests, and is particularly valuable for its classification and full alphabetical lists of 1036 varieties. Price, \$1.25.

**Strawberry Culturist.** Fuller. 5x7; 60 pages. Cloth, 25c.

## Fertilizers and Manures

**Fertilizers.** By Gregory. Where to buy cheapest, and how to mix. Paper, 40c.

**Manures: Methods of Making.** By Bommers. Gives process to improve farm manures. Paper, 25c.

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**Capons for Profit.** By Greiner. How to make and manage them. Illustrated. 50c.

**200 Eggs a Year per Hen.** Tells how to produce the greatest number of eggs at the lowest possible cost. Single chapters in this book are well worth the total cost of it. 6x9; 96 pages. Tough paper cover, 50c.

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**Poultry Architecture.** How to build all structures needed. Over 100 illustrations. 125 pages, 5x7. Cloth, 50c.

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**Pets of the Household.** How to care for them in health and sickness. Plain and practical. 25c.

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**Biggle Horse Book.** All about horses. 128 pages. 50c.

**Biggle Cow Book.** All about cows. 144 pages. 50c.

**Biggle Berry Book.** All about berries. 144 pages. 50c.

**Biggle Poultry Book.** All about poultry. 160 pages. 50c.

**Biggle Swine Book.** All about swine. 144 pages. 50c.

Profusely illustrated. Cloth, Each, 50c.; any 3 for \$1.40.

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**Horticulturist's Rule Book.** By Bailey. A great amount of valuable information for gardeners, florists and fruit growers. 300 pages, 4x7. Cloth, 75c.

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**Canning and Preserving.** By Mrs. Rohrer. Tells how to can and preserve fruits and vegetables. Gives best methods of making jellies, marmalades, butters, syrups, catsups, etc. 5x7; 80 pages. Cloth, 50c.

**Raffia Basket Making.** By T. Vernette Morse. Profusely illustrated. 5x7; 30 pages. Paper, 25c

# Catalog of True Blue Seeds

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## Special Note with Reference to Nursery Stock

Our customers will notice that, with few exceptions, all plants, shrubs, and trees have been eliminated from this Catalog. We found it increasingly difficult to satisfy the exacting requirements made in many states by laws regulating the sale of live plants. The cost of the licenses required for selling nursery stock in many states make it impossible to do business there. Considering the wide distribution which this Catalog receives, the long distances plants often have to travel and the exorbitant transportation charges arising for the customer, we thought best to discontinue the handling of nursery stock in connection with our mail order business. Order heavy plants, shrubs and trees from reliable nurseries in your immediate neighborhood is the sincere advice of

**THE LIVINGSTON SEED CO.**

Variety Numbers

Pounds, Ounces, Packets

Names of FLOWER SEEDS wanted

PRICES  
Dollars Cents

## Order Bulbs and Plants below

PRICES  
Dollars Cents

## Order Bulbs and Plants below

PRICES  
Dollars Cents

Total Vegetable Seeds,

Total Flower Seeds,

Total Bulbs and Plants,

Amount Enclosed,

PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT KINDLY WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER, ON A SEPARATE SHEET AND ENCLOSE WITH YOUR ORDER

**Names for Livingston's Seed Annual.**

We hope you like TRUE BLUE SEEDS well enough to wish to introduce them into those families of your acquaintance whom you know send off for SEEDS, PLANTS, SMALL FRUITS, Etc. If so, kindly write their Names and Post Office Addresses on the blank lines below. We would be glad to send them a copy of this Seed Annual free. When convenient, if you would say a good word for our stocks we would be very much obliged to you.

NAME:

POST OFFICE

Rural Route or Street Number

STATE



**PLEASE WRITE YOUR NAME AND ADDRESS PLAINLY AND IN FULL IN THE BLANKS BELOW.**  
 Extra Order Sheets and Return Envelope will be sent you on Application.

# ORDER SHEET.

# THE LIVINGSTON SEED CO.

COLUMBUS, OHIO, U.S.A.      Date \_\_\_\_\_ 1912

Shall we ship by Mail, Freight or Express? \_\_\_\_\_

Name \_\_\_\_\_

Post Office \_\_\_\_\_

Box No. \_\_\_\_\_, R. F. D. No. \_\_\_\_\_, State \_\_\_\_\_

Street No. \_\_\_\_\_

Express or Freight Office \_\_\_\_\_

Express or Railroad Company \_\_\_\_\_

PLEASE WRITE NAME AND ADDRESS VERY PLAINLY IN THE ABOVE.

PLEASE DO NOT WRITE IN THIS SPACE.

Are you a Florist? \_\_\_\_\_

Are you a Market-Gardener? \_\_\_\_\_

**WE DELIVER FREE IN THE U. S.** TO ANY POST OFFICE, RAILROAD EXPRESS OFFICE OR FREIGHT STATION, AT OUR OPTION, ALL SEEDS IN PACKETS, OUNCES, ONE-FOURTH POUNDS, POUNDS, PINTS, QUARTS, AND BULBS, AND PLANTS IN SMALL QUANTITIES UNLESS OTHERWISE NOTED IN CATALOGUE.  
 PURCHASER PAYS TRANSIT CHARGES on quantities larger than those named above, as well as on Farm Seeds, Tools, Implements, Insecticides, etc.  
 ALL ORDERS FOR POTATOES, PLANTS, or other perishable goods, are carefully booked and filled in rotation as soon as the weather will permit. If shipped earlier they are at buyer's risk. For full instructions about ordering, etc., see Directions on page 2 of this Seed Annual.

Variety Number      Bushels      Quarts      Pints      Pounds      Ounces      Packets

It is sufficient to order by number only, altho we provide space for both numbers and names. Separate spaces for flower seeds, bulbs and plants are given on back page of order sheet.

**Order Vegetable Seeds Below**

Do not write in this column  
 PRICES  
 Dollars      Cents

No. \_\_\_\_\_

Date rec'd \_\_\_\_\_

Checked by \_\_\_\_\_

Wrapped by \_\_\_\_\_

Date sent \_\_\_\_\_

P. \_\_\_\_\_

**THE AMOUNT ENCLOSED**

Express Money Order, \$ \_\_\_\_\_

P. O. Money Order, \$ \_\_\_\_\_

Bank Draft, - \_\_\_\_\_

Stamps, - - - \_\_\_\_\_

Cash, - - - \_\_\_\_\_

Total, - - - \_\_\_\_\_

From.....

P. O.....

R. F. D..... State.....

DON'T FORGET  
TO PLACE A  
2-CENT STAMP  
HERE.

# The Livingston Seed Co.,

“FAMOUS FOR TOMATOES”

COLUMBUS,

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FOR BEST RESULTS  
IN YOUR GARDEN  
PLANT

LIVINGSTON'S  
"TRUE BLUE"  
GARDEN, FIELD,

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Perfection  
Collection  
of



New

## Giant-Flowering Nasturtiums

Ever-Blooming—Easy to Grow  
The Most Satisfactory Flower in Cultivation

7 Large Packets of the New and Wonderfully Beautiful Kinds, postpaid, to any address, for ..... **25c**

The grandest collection of Nasturtiums ever offered. It contains seven new giant-flowered kinds, each a distinct and beautiful color. (See illustration, greatly reduced in size.) They grow easily and bloom freely, and from early summer until killed by frost, are a mass of beautiful flowers, mammoth in size and gorgeous beyond description. Our Perfection Collection includes the following 7 separate kinds:

### 2066 Giant Golden Yellow

Mammoth flowers, frequently 3½ inches in diameter; borne on long, strong stems well above the foliage; exquisitely formed with overlapping crinkled petals of a rich golden yellow. Strong, vigorous grower; large, bright green leaves. A grand and distinct variety. Pkt., 5c.; oz., 20c.

### 2067 Giant Rose

A most desirable variety, with flowers of a soft rosy-pink color; foliage light green. The brightest rose-color Nasturtium we have ever seen. Abundant bloomer. Pkt., 5c.; oz., 20c.

### 2070 Giant Deep Crimson

The deepest and richest of all dark red Nasturtiums. The foliage is dark green; the mammoth flowers, which are borne in great abundance, have a soft, velvety texture; slightly crumpled petals and wonderfully rich coloring. Pkt., 5c.; oz., 20c.

### 2068 Giant Cream and Pink

The extremely large flowers are of full expanded form; the daintiest of all Nasturtiums. Its superb coloring is of blush cream, flushed with rose. Nothing we can say can convey an idea of its fairy-like beauty, mammoth size and splendid substance. Pkt., 5c.; oz., 20c.

### 2069 Giant Lemon and Rose

Grand, extra large flowers of clear pale lemon, varying to bright yellow; beautifully blotched with bronzy crimson. Pkt., 5c.; oz., 20c.

### 2071 Giant Striped Hybrids

A gorgeous strain of brilliantly striped beauties of various shades and tints; gigantic in size. Its wonderful variety of colors and markings show many unique combinations. Pkt., 5c.; oz., 20c.

### 2072 Giant Brilliant Scarlet

A glowing, flaming scarlet, intense and vivid; the largest of its color; of splendid substance and beautiful form. Pkt., 5c.; oz., 20c.

Seven Large Packets of the New and Wonderfully Beautiful Kinds, postpaid, to any address, for..... **25 Cents**

Five Collections for \$1.00---We'll send them to five different addresses if you wish

## Our Vegetable Specialty Collection for 1912

6 Superb Vegetables as illustrated on back cover and described on pages 3, 4, 24, 40, 43 and 59, postpaid, for **25c**

The most unusual collection of high-class vegetable specialties ever offered at such a popular price and one that will make us many friends. We want every reader of this Catalog to send a quarter for one of these collections because we feel sure that long and pleasant business relation will result from the thorough trial which you can now give "True Blue" seeds at small cost. The quality seeds you find in this collection are representative samples of what you get from us every time. No effort has been made in connection with this special offer to figure out how much profit we can make. Our principal object in getting up this specialty collection at the reasonable figure is, to give you a fair chance to become thoroughly acquainted with "True Blue Seeds." The seeds and the results they bring will take care of the future. Send us the order today!

### Bean—Keeney's Stringless Refugee

is result of careful breeding by which the strings, which are so objectionable in the old Refugee, were entirely eliminated from the handsome pods.

### Beet—Crosby's Egyptian

as we have grown it on our farms for years, stands high in the esteem of the most critical planters of this country. Year after year, we select and reselect until we have a beet that cannot be beat.

### Corn—Livingston's Early Sugar

Fully described and illustrated on page 4. One of the handsomest and sweetest early Sugar Corns ever evolved. A splendid sort for market as well as home use.

### Lettuce—Livingston's Bon Ton

Of the Curled Simpson type, but with prominent white midribs which make Bon Ton one of the most brittle lettuces in existence. Of fine quality.

### Musk Melon—Livingston's Tip Top

Most popular salmon-fleshed sort listed. Of good size, handsome appearance and tip top quality, it has been a favorite for 20 years.

### Radish—Cincinnati Market

is a great favorite throughout the country. Grows quickly to good size, keeps in eatable condition a long time. Our strain is extra fine.

Six Superb and Useful Vegetables, full-sized packets, only 25c, postpaid



# LIVINGSTON'S SPECIALTY COLLECTION

SIX FINE VEGETABLES  
ONE PACKET  
OF EACH FOR  
25¢

LIVINGSTON'S  
"BON TON"  
LETTUCE.

KEENEY'S  
STRINGLESS  
REFUGEE  
BEAN.

LIVINGSTON'S  
TIP TOP  
MUSKMELON.

LIVINGSTON'S  
EARLY SUGAR  
SWEET CORN.

See Inside Cover Page  
for notes about  
this Collection.

CROSBY'S EGYPTIAN BEET.

